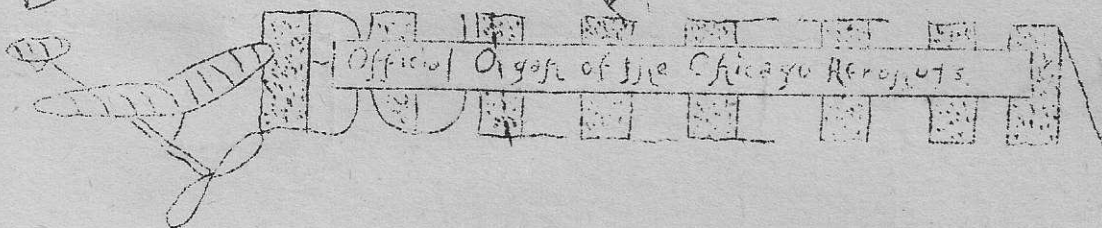


AEROModels

CHICAGO



See Page 3.

Vol. IV No. 1

Sept. 1939

Price 2¢

What happened at Detroit

Association News-

Why all the confusion? Where's the revolution? Haven't you heard? The Chicago Park District Model Airplane Association (hereafter referred to as the C.P.D.M.A.A.) is not dead. It is going to sponsor the first rubber vs. gas meet ever held for you guys and gals. It is to take place Oct. 8, at 79th and Cicero and should make model history.

Model builders who know models but have little knowledge of human nature, think that this meet is going to settle the question of what kind of model is best. But what they think. Its going to increase this feud, one of the biggest feuds the model game has ever witnessed. Already interest is being shown in all parts of the country.

The contestant must enter either the rubber or the gas division and must stick to that type. Any type of model may be used but must conform to N.A.A. rules. Oh yes, lest I forgot to mention it, there are a lot of boys out there "I boy! what

Or

We're still wondering

Before you start in let me say a few words. I hope you won't find the news in here to old for enjoyment. After this your bulletin will come out every meeting. Please send in contribs. More contribs mean a bigger and better bulletin for you. I won't take up any more of your time. Thanks for listening.

The editor

Were you at Detroit? Sorry, aren't you. Like to hear about it? Okay, lend an ear and you shall hear. By the night of July 4th about 1000 wood butchers had pulled into Detroit. Some, of course, had cars that brought them in under their own power.

The model mags bring you the high lights of the nationals so we bring you the low lights. The lowest of the low lights was when several of the Chicago boys (names supplied on request) were experimenting with parts of the Minn. boys' crates, wings, tails and what not
(continued on page 3)

CHICAGO AERONUTS BULLETIN

Published by

THE CHICAGO AERONUTS

STAFF:

Editor Robert Wolsey
Assistant Editor Alex Nekimken

MATH FOR DURATION OF MODELS

By

Raoul J. Hoffman

Let's forget a moment the practical builder who only keeps at the game for the sake of enjoying-and we alldo- an occasional contest as a welcome merry-go-round, and see how figures may be juggled to jibe performances, that a good Aeronut usually guesses before he even flies his model.

It is known that the minimum power work per second-is equal to the sinking speed times the weight of the model. Tests have shown that the maximum work to be delivered by one oz. of rubber is 44,000 in.oz.. If only 80% is used and the propellor drive is assumed to be 40% efficient, one oz. of rubber will deliver only 14,000 in. oz. of work.

An example will illustrate the application of above mentioned figures. Take the Joe Matulis Good-year Trophy job that had a 6 in. p per second sinking speed and weighed .1375 oz; 1375 times 6 or .825 in. oz. of work per second will be required to keep this model, in the air. The rubber weighed .0575 oz. and could deliver .0575 times 14,000 or 805 in.oz. of work.

Dividing available power by power required per second will give you the duration in seconds or in our example 805 divided by .825 will give 976 seconds or 16 min 16 sec.; the actual duration was 18 min 31 sec..

In above calculations hitting the ceiling and circling flights were not considered; nevertheless by a few more assumptions the result can be made to conform with the tests, which is usually done and is called engineering.

Editor's Note: Thanks for the contribution of Hoffman. I hope this is the last.

Nut so good poetry

In the last two issues there were the first two parts of a poem? Instead of drawing out the agony we are going to give it to you all at once. So-brace yourself. One two, three, go-

III

And now we come to his great thing
He did his best on the darn thing
He cut the ribs put in the spar
Supported on some dusty jar
Later when he got it covered
He made some tests and discovered
It was made strong took the strain
But all his tests were made in vain

IV

He built and covered the elevator
But I've seen pretzels that were
straighter
He made the rudder and covered it
Doped the tail it warped a bit
This almost finished conglomerator
Aroused his ardent admiration
This butchers work soon did cease
As he had finished his masterpiece
He thought of winning many prizes
And many trophy of all sizes

V

He took it out early the very next
day
First tested for glide, then he had
to delay
While he set his adjustments. They
took quite a while
He thought when he flew it it'd go
for a mile
He got it all ready and wound it up
full
Let go the prop and felt its great
pull
It It spiraled straight up and went
3 stories high
Pulled out on top way up in the sky
But suddenly it looped, made a hast
descent
It came down like a rocket and hit.

THE END.

A.N.-R.M.

Address all contributions to :
Robert Wolsey
2828 Arthington Street
Chicago, Ill.

Any Inquiries or information can
also be had by sending to the s.
address. Send in your contribu.

What happened at Detroit? were dropped from the Y.M.C.A. windows. I was told they didn't glide so hot. Wonder how they got such high times with them.

"I can make 6 minutes with my outdoor fuse job without a riser." boasted Ed Lidgard to Alvie Dague.

"Alright, let's see you." asked Dague. Ed tried several times with out so much as getting a fair climb

"I still think it can be done." said Ed.

"We think it can be done too, but who is going to do it?"

The 12th National Outdoor Stick Contest was held in spite of being left out of the official list of events. The contest, a great success, had over 60 contestants competing. A beautiful first prize trophy was donated by Dick Cortil of St. Louis. The entry fee of 25¢ paid for the rest of the prizes.

First place was won by Bill Hamner of Indianapolis. The time was 8:05. The three top places all had 8 minute flights.

Seems there was no complaining about the lunches this year. Maybe it's because they didn't have any.

The National Championship Exchange Club trophy was awarded to Henry Thomas of Akron. Of all the first place winners, the only Aeronut to appear was "Pappy" Matulis. What happened to the rest of them. (Ed. I must admit though, since this article was written the 'Nuts' have gotten over 9 records. That's more like it.) Joe won first place in the Open class indoor cabin event. Milt Hugulet, last years champ won fourth in the Indoor stick event while Chas. Belsky placed eighth. Johnny Kubulis came through with 6th place in the International Wake field contest. In the eliminations contest Ed Lidgard won eighth place. Wally Simmers placed 29th in the Outdoor cabin event. He got a medd

Other Chicagoans to placed were Aeronut prospect number one, Joe V. Koch, who placed eighth in the Outdoor cabin event. Walter March of the I.M.A.C. placed fifth in the Wakefield.

A N

Assn. News Contd.

The first place in the Jr. Sr. div and Open div. will receive \$25 in cash, a Synero Jr. saw and a subscription to a model magazine. Second prize is a Herkiner OK motor a Synero Jr. saw and a subscription. The third place winners will receive an OK motor, a Zipper kit and a subscription. Many more prizes will be awarded, twenty-five in each div. With that many prizes all of you hack artists ought to get a prize.

So what do you say, gang? Lets go out there Oct. 8th and do some real flying.

A. N.

E X T R A

At a meeting about six months ago, a certain Mr. Walter Fromm Esq. received one Aeronut cleaver, distinguishing him from the great mass of ordinary Aeronut butchers. It was quite an event and one which shall long remember-BUT- somebody should be practicing up on their speeches because at one of the next few meetings this award will again be put into circulation and another name will be added to this list of Great Honory Butchers. So-by trying very hard to equal the great butchered works of this Mr. Fromm you-too-may receive this honor.

S P E C I A L

In view of the fact that several complaints were voiced about the twin pusher in the right hand corner of the Aeronut heading, the bulletin is going to let YOU submit a drawing. This drawing should be what your typical or ideal model will look like. A SMALL trophy



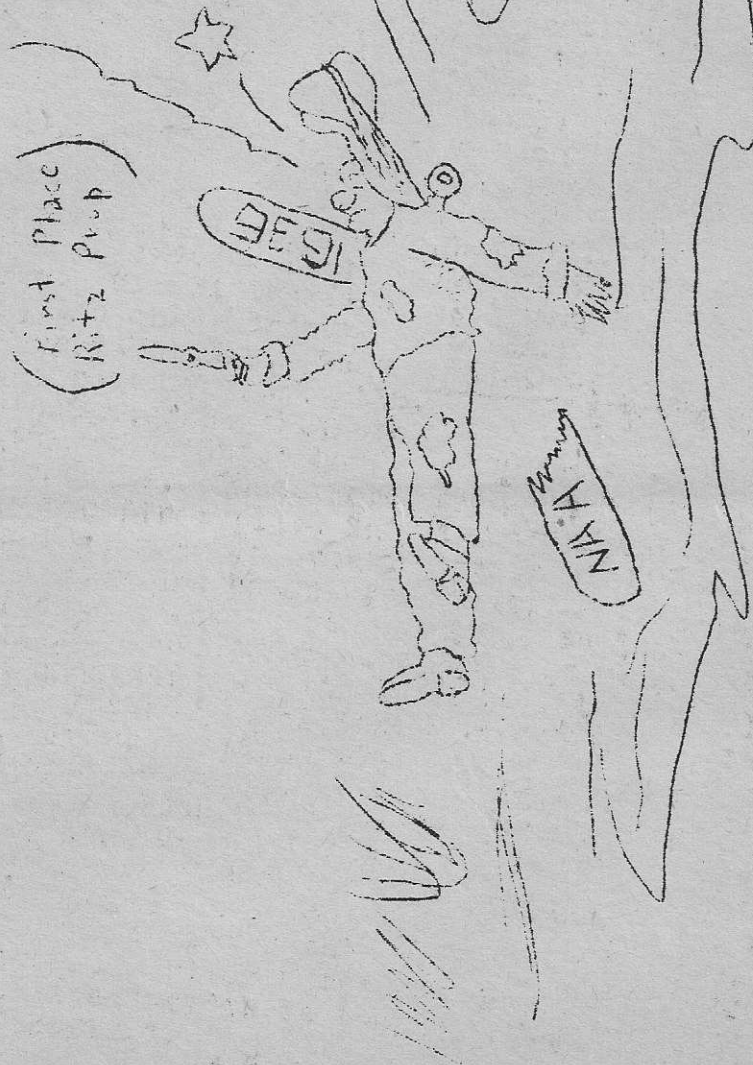
Drawing of trophy to be awarded

will be awarded to the member who submit the winning drawing. The results will be announced the first meeting in Nov. The drawing must be actual size. Come butchers--lets see your drawings. just kidding

THE WINNER OF THE GAR MODEL MARATHON

by The Way
The
Aeronuts
Bulletin

This is Page 7 of



(First Place
Ritz Pup)

N.Y.A.M.

GAR MODEL MARATHON

cut by Wolsey