

AERONUTS

CHICAGO

BULLETIN

Official Organ of the CHICAGO Aeronuts

VOL.V NO.I

Feb. 23, 1940

Price 3¢

DANCE

As we all know, the Aeronuts are going to hold a "Huguelet Memorial Dance", the proceeds of which will be used to purchase the "Huguelet Memorial Trophy".

This trophy will be presented to "the outstanding junior of Chicago of 1940", and thereafter presented annually, to each year's most bright and shining young'un.

We hope this cup will arouse as much interest and competition in Chicago, as the Wakefield & Moffet trophies have all over the country.

Remember, the larger the turnout at this dance, the bigger and better the trophy will be.

The dance is tentatively set for next month. Although the exact date and place are not known, we do know that we're going to dance to the sweet, hot, blue swing of "Bill Lyle and his Melody Men".

So, dust off those dancing shoes, fellas, and get hep to the jive. Let's start digging up all those customers, and make this as big as we hope the trophy shall be.

SPECIAL FEATURES

Helicopters.....by Alex Nekimken
Dope test.....by Ed Lidgard
Saga of Hugh Hack...by Wally Fromm

STUFF

Due to high winds and inclement weather, the Aeronuts flying fracas scheduled for Sunday, February 18, at 51st & Cicero, has been indefinitely postponed.

Don't forget to be at the 132nd Armory tomorrow for the Class B glider contest. There will be a novice event, in junior and senior classes. The other event, also two classes, is open to all entrants. Four first place trophies will be awarded, along with medals from 2nd to 4th place, in all events.

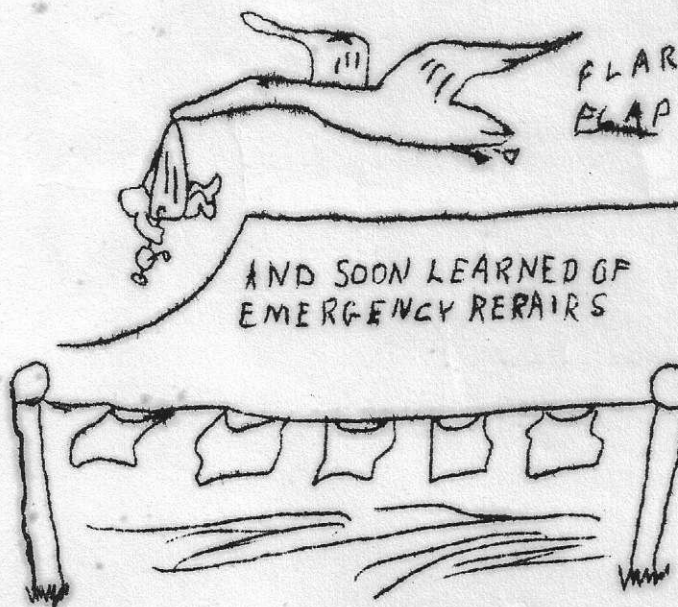
A soaring meet was held Sunday, Feb. 11, at Elmhurst Airport, following an Air Bubble Banquet Saturday at the Chicagoland Soaring Society, in honor of the soaring pilots who gathered for the meet. A feature of interest was the German glider, Dove of Peace, which holds the U.S. distance record of 212 miles, and the U.S. altitude record of 7000 feet. Among the ships displayed, was the "Bowlus Albatross", built by Bradisi and Judson, of Gage Park, at their district fieldhouse.

Chicago Aeronuts Bulletin
Published by
THE CHICAGO AERONUTS

STAFF:

Editor.....Joseph Redmon
Assistant Editor.....Alex Nekimken

Introducing - THE SAGA
of Hugh Hack -
- balsa butcher extraordinary.
as told to - WALTER FROMM
IT WOULD SEEM THAT HUGH
HAD EARLY EXPERIENCE
WITH ORNITHOPTERS



HE SHOWED INTEREST, WHILE STILL
QUITE YOUNG, IN MECHANICAL TIMERS



Continued
next issue
of bulletin

A butcher is a guy who thinks a
designing woman is one who works
in Comet's drafting department.

RESULTS OF AN EXPERIMENT TO DETER- MINE THE BEST PROCEDURE AND MATER- IALS FOR DOPING TISSUE:

By Ed Lidgard

The following dopes and mixtures
were tried on a wing which had two
very thin coats of banana oil;

1. M.R.L. microfilm
2. Midwest Dope
3. Comet Gloss Dope
4. "61" Gloss Lacquer (High-Grade)
5. 50/50 "mike" and lacquer
6. 50/50 Midwest and lacquer
7. 50/50 Com. Gloss Dope & lacquer
8. 50/50 thinner and lacquer
9. $\frac{1}{2}$ thinner, $\frac{1}{4}$ lacquer, $\frac{1}{4}$ "mike"
10. Berryloid Nitrate Dope
11. 50/50 Berryloid and lacquer
12. 50/50 Enamel and lacquer

1. Microfilm gives good gloss.
2. Strong, tightens well, poor gloss
3. Glossy, but too pliable
4. Lacquer is good all-around
5. Better than No. 4 and cheaper
6. Also good, still cheaper.
7. Looks sticky, too flexible
8. Better straight (Even 2 or
9. Better straight more coats.)
10. Tightens well, very poor gloss
11. Good, but doesn't equal "mike"
- or Midwest Dope for gloss
12. Ultra-gloss, has bubbles,
may be too heavy.

Conclusions, in order of preference.

1. 50/50 "mike" and lacquer
2. 50/50 Midwest and lacquer
3. Straight lacquer
4. Straight "mike"

In order, with economy in mind;

1. 50/50 Midwest and lacquer
2. 50/50 "mike" and lacquer
3. Straight lacquer
4. Straight "mike"

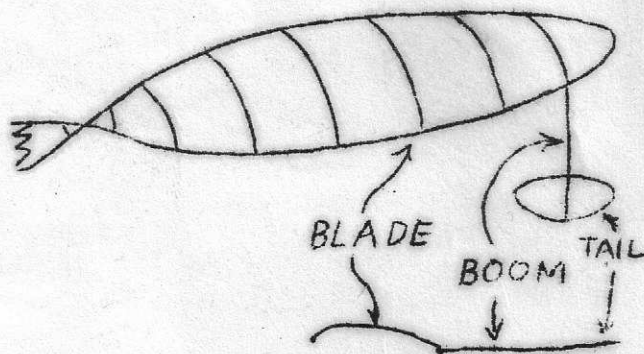
OTHER FINDINGS

1. Straight pigmented dopes weigh
about .1oz. per 100 sq.in. per coat
2. Adding glue to dope makes cov-
ering easily split, detracts gloss
3. Although lacquer adds to cost
of doping a material, it adds many
times to the appearance. It also
requires fewer coats.

HELICOPTERS

by Alex Nekimken

Last issue I said I would tell how a tail could be used to advantage on a helicopter. First I'd like to say that this is not my idea. That takes the possibility of it being bed away. It is a Goldberg brain-storm. The idea is simple. From the rear of each blade, extend a tail boom. Place a small tail at a slight negative angle to the boom. This will prevent the blades from twisting into negative under full power. This also makes possible the use of a low positive angle on the blades. If you are at all confused, take a glance at the diagram below. Remember that this has not been tried in actual practice, so don't take its' success for granted.



CHATTER

by Phillip Space

---By the way -- what's become of;
The Aeronut Cleaver:
The Aeronut Trophy:
Wally Simmers?

Come on, fellows, how about a few more contribs? Outside of the editorial staff, this bulletin is all by Ed Lidgard and Wally Fromm.

Mail material before Mon., Mar. 4,
to Redmon, 5733 So. Claremont Ave

Next issue, we will begin an article on outdoor construction, by Alex Nekimken. Watch for it!!!

My congratulations to Bob Welsey for fine work in past. Hope I can come close to equalling it -J.R.

DOWNDRAFTS ON THE WEATHERVANE

Overheard somewhere-"Yep, I've got a swell flying model-and a gas job"

And then there's the ever timely remark, "To h-l with a Loutrel, I'll buy M.R.L. (Sorry, Wally, Midwest doesn't rhyme.)"

The other day when I woke Fromm up at work, he said, "I was just thinking-- 3 wings and I'll have 8 ships ready to fly." --Hm'm, who's building them for you now? Simmers?

Seeing that he has only 8 models Fromm tells me that he's going to work out a good system of mass production.

If anyone wants to see a gas model land in a plowed field, down and cross wind, just go to North Ave. and Wolf Road any Sunday. Those Buzzards fly -- rain, snow, shine
Joe Konefese's Big Bertha is the one mentioned above.

Don't forget to fork over your 3¢ for this issue.

Yippee - a new joint to howl in!!
The meeting of Feb. 23 will find us as permanent fixtures in Spark Plug Nekimken's paradise ----

--- Garfield Park

E.L.

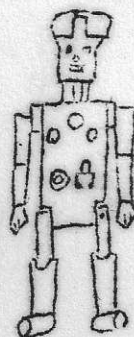
(ADVERTISEMENT)

ATTENTION,
CONTEST DIRECTORS

New!! ROBOT TIMER!!

Operates for six hours
on penlite cell.

Doesn't smoke, eat
or drink.



INHUMANLY Responds only to --
ACCURATE! "TIMER I"

Will not accept bribes at contests

(New rates- Model-building robots)
Wallace Simmers, of Chicago, says-
"Dont build your own, hire a robot"

KAPITAL KAN KOMPANY, KANSAS, KAN.

EDITORIAL

The editors of the bulletin agree that the bulletin should deal solely with the activities of aviation, especially model aviation. However, when not only our sport is threatened, but our very lives, we believe it should take precedent over the activities of aviation. We believe the model builders to be an intelligent group of people. Intelligent enough to realize that we are being headed into a war. Certain acts taken by Congress have shown that they have very definitely taken sides. Newspapers, newsreels, and the radio have instilled in the people a feeling of pity for one side, a hatred for the other. Now we know that 99% of the people do not want to go to war. It is true that they realize the horror and misery of war. It is true that they realize the high cost of war as far as money is concerned. But do they know that the last war cost enough money to build 100,000 hospitals; send every youth through four years of college; establish old age pensions; and send all the unemployed on a cruise around the world, (first class)? Do they know that the loans of the nations of Europe from the last war are not unpaid? We are paying for them. Nine years of depression has shown us that. You probably know that those who stayed home during the last war made high wages. Did you know that this blood money was not useful against the extremely high cost of living? On the other hand, you have seen the medals that lucky returning soldiers received and sold to hockshops to get every cent they could during the depression the war had brought on. One thing you may not know is that war is one fight that does not require two enemy sides. Take the present situation for instance. Chamberlain has a good share in the Vickers Munition Works. He also has interests in the German munition factories. Vickers, in turn, has good-sized shares in Japanese munition works. It's the same in every country. Munition makers get the gravy. We get the graves. In our own country, Wall Street is up to its neck in the war right now. Soon they shall be shouting to us, to help protect thier interests. To help them out of the bloody mire that they have so deeply imbedded themselves. We are Americans. We believe in doing what is best for our country. Since we are such patriotic Americans, we will not permit this country to go to war, to fight people whom we have nothing against. Since we have a voice in our government, let us protest against the attempt to keep us in the dark. Stop attacking progressive groups and violating our Bill of Rights. We won't fight for British, French, German, Russian, Finnish, American or other munition magnates. Let's fight to keep America out of war. Let us spend that war money here, trying to make the greatest nation in the world even greater. Do this, and you will prove that this government is a government of the people, by the people, and for the people, not a people who, though 99% against war, will go to war for the other 1%.

The American people are depending upon that spark of spirit characteristic of true America spirit to keep us out of war.

DON'T LET THEM DOWN!!!!!!