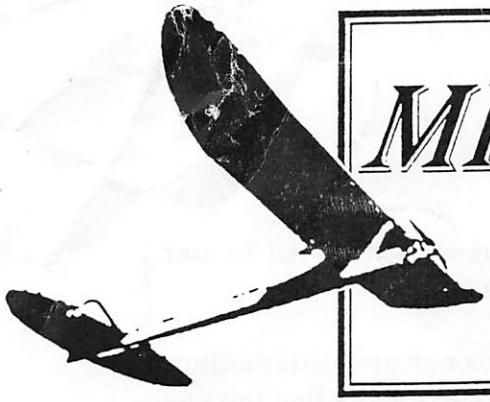
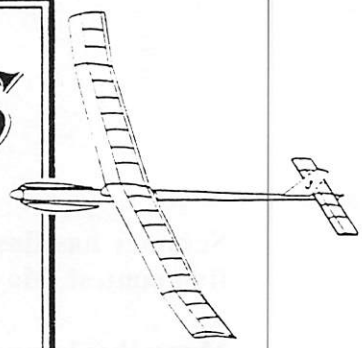


MINNEAPOLIS MODELER



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1216 N. 8th St., Wausau, Wi. 54403

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President.....Gary Oakins (651) 429-3150 **Secretary..... Duane McDonnell (612) 557-5752**
V. President...John Watkins (612) 525-1701 **Treasurer..... Denny Sussman (612) 854-0292**
Editor..... Jack O'Leary (952) 888-0638

Issue No. 280 **May / June 2001**

Coming Events:

May 4th, 2001

Club meeting at Air National Guard Museum...7:30 PM. Engines for sale...bring $$$!

May 20th,2001 ***"Memorial Meet"*** ***-AA-*** ***CD Jim Ladwig 612-920-1245***

½A Gas	Nos Gas (9 sec.)	P-30	Mulvihill
A Gas	.020 Replica ~ 1/4A Nos Gas	Embryo Endurance	Pee Wee 30
BCD Gas	Catapult Glider	Moffitt	Junior Event

June 1, 2001

Club meeting @ ANG Museum....7:30 PM. Kits for sale...bring more $$$!

June 2nd, 2001 ***"Mini F.A.I Meet"*** ***-AA-*** ***CD Hank Liljequist 763-545-8178***

1/2A Gas (up to .061)	P-30	Coupe d' hiver	A-1 Glider	H L Glider

June 3rd, 2001

A Gas	Moffitt	Classic Gas	Mulvihill
B Gas	1.5 X Bostonian	Junior event	Embryo
C D Gas	.020 Replica ~ 1/4A Nos Gas		

June 16th,2001

Nebraska Outdoor Champs Mead, NB. CD Hank Sperzel 402-291-5334 hsperzel@aol.com

OAKIE'S ORACLES

Summer has finally arrived. I trust that you will have your new models trimmed by our first contest, May 20. My Pillfered Pearl is the only plane I have ready to fly.

Many thanks and 150 atta boys to Joe Huettl who is stepping aside as our newsletter editor. His business requires his undivided attention. We all express gratitude for the fine job you did as our editor.

Jack O'Leary has graciously volunteered to be our new editor. I'm sure Jack will do a pristine job. Contributions from members are always welcomed and appreciated.

A visit or a card to Clyde White and Al Muller would be welcomed. Al Muller is at the St Louis Park Plaza Health Care Center, 3201 Virginia Ave So, St. Louis Park MN 55426, room 270B. Clyde White is at Martin Luther Manor, Rm. 342, 1401 E. 100th St. Bloomington, MN 55425.

We have received permission to fly our indoor models at the Roy Wilkins Auditorium and in other locations in the River Center complex. Many thanks to Tim Johnson who contacted Harry Gerrish who in turn made some well placed calls and secured the River Center for the club. Thanks Harry. Jim Ladwig is acting as our Alison to secure flying dates. Call Jim for future flying dates, (612) 920-1245 or E-Mail jimladwig@iso.net.

Keep the morning of May 9th open. Aaron Petersen will give his model airplane demonstration at the River Centre. Many dignitaries are planning to attend. Numerous youngsters will be flying their airplanes. MMAC members, bring some models to fly and to show to the kids. Wear a nametag. Plan to help Aaron and Jorge wind the youngsters models.

The outdoor glider contest held Feb. 18th on White Bear Lake was won by John Watkins with a 70 second flight. Gordon Dona was close with a 60 second flight. Terry Taylor and I went fishing and proceeded to get both trucks stuck in the snow. Terry caught 6 nice sunfish. Chili and beer were later consumed by the attendees. Herman, Jack and Tim also attended but didn't fly.

My friend Bob Monahan hosted a tour of the Am Jet facility at Anoka County Airport. Among the planes we saw were an Avenger, B-25, P-38, AT6, a Beach-18, a Sea Fire(carrier version of Spitfire). Everyone who attended had a good time. Thanks Bob.

Ice fishing is all over. I just checked White Bear and sad to report the ice is 30 ft. from shore. I'm headed for the hangar to work on my new ½A.

Hope to see you all at the meeting or the contest for sure. GARY

MMAC Minutes for the March 2nd, 2001 Meeting

The meeting was called to order at 2000 hours with President Gary Oakins presiding.
Number in attendance: 22
The minutes for the February 3rd, 2001 meeting were accepted as printed in the January/February 2001 newsletter.
The Treasurer, Denny Sussman, presented his report. The report was approved.

CORRESPONDENCE

Al Muller is in the St. Louis Park nursing home, Marin Luther Manor.
Blue Valley Sod Farm will be insured by AMA's insurance program, as well as KLM Farms and Harley Sod.

OLD BUSINESS

Science Olympiad will be held at St. Thomas University and MMAC members will be helping judge.
A report was given on the prospect of using the Wilkins Center for teaching/flying sessions in the future. The prospect looks good at this time.

NEW BUSINESS

There was a display and sale of items from the Carl Nitardy estate.

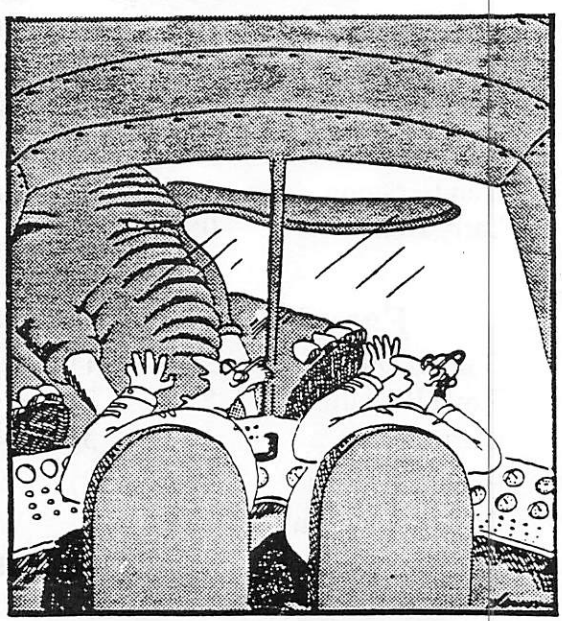
The meeting adjourned at 2040 hours.

The club members thank Denny Sussman for his leadership in the prize committee.

Respectfully submitted,
Duane McDonnell
Secretary



"Listen, why don't we launch in the corn and try to hit the field?"



Becoming a rogue in his later years, Dumbo terrorized the world's flyways.

Indoor Meet

Gary Oakins, CD

April 8th, 2001

Peanut Scale

Placing	Contestant	Model	Scale Points	Flight Score	Total
1)	Jorge Triana	Monocoupe	51	61.6	112.6
2)	Leon Wolf	Whitman oi6x	49	63	112
3)	Aaron Petersen	Keith-Rider R6	52	46	98
4)	Hank Liljequist	Fike	47	47.5	94.5
5)	Warren Ringlien	Cougar	53	23	78
6)	Don Spehn	Curtis Robin	49	29	70
7)	Dave Edmondson	Miles M-18	47	17	64
8)	Larry Dona	Super Ace	50	7	57
9)	Jeff Ringlien	Taylorcraft	35	4	39

Walnut Scale

1)	Jorge Triana	MacBird	51	63	114
2)	Greg Thomas	Clipped Wing Cub	57	65	112
3)	Don Spehn	Aeronca Champ	50	43	93
4)	Hank Liljequist	Clipper-1	54	19	73

Electric Scale

Placing	Contestant	Best flight
1)	Leon Wolf	5:17
2)	Floyd Richards	3:05
3)	Jerry Jagerson	3:04
4)	Jack O'Leary	0:21

No-Cal Scale

1)	Gordon Dona	2:45
2)	Jack O'Leary	2:35
3)	Greg Thomas	2:08
4)	Hank Liljequist	1:26
5)	Jeff Ringlien	1:14
6)	Don Berggren	1:08
7)	Larry Dona	0:39

Easy B

1)	Gordon Dona	9:48
2)	Floyd Richards	8:50
3)	Larry Dona	4:16
4)	Hank Liljequist	4:04
5)	Dave Edmonson	3:31

Penny Plane

Placing	Contestant	Best Flight
1)	Jorge Triana	8:02
2)	Gordon Dona	7:23
3)	Dave Edmonson	5:47
4)	Larry Dona	5:19
5)	Floyd Richards	4:59

Mini-Stick

1)	Gordon Dona	7:29
2)	Floyd Richards	4:18
3)	Warren Ringlien	4:08
4)	Dave Edmonson	3:50
5)	Hank Liljequist	3:36

14 Gm. Bostonian

1)	Leon Wolf	1:57
2)	Hank Liljequist	1:38
3)	Jorge Triana	1:33
4)	Jack O'Leary	1:25
5)	Warren Ringlien	1:19
6)	Bob Griffiths	0:54
7)	Dave Edmonson	0:45

7 Gm. Bostonian

Placing	Contestant	Best flight
1)	Gordon Dona	2:08
2)	Larry Dona	1:17
3)	Floyd Richards	1:01
4)	Jim Ladwig	0:46

Phantom Flash

1)	Aaron Petersen	1:28
2)	Jack O'Leary	1:27
3)	Dennis Mills	1:24
4)	Warren Ringlien	0:55

Junior Rubber

1)	Andrew Bergeson	1:54

Hand Launch Glider

1) Gordon Dona	29.4	29	58.4
2) Tim Johnson	22.4	23	45.1
3) Dave Edmonson	17.8	17.6	35.4
4) Don Spehn	15.8	16.8	32.6

Catapult Glider

1) Tim Johnson	25.1	25.3	50.4
2) Hank Liljequist	17	18.1	35.1
3) Dave Edmonson	15.9	16.7	32.6
4)Dennis Mills	.5	2	2.5

Sights...
and Settings...

We were setting up our gear at the April 8th indoor meet, when Jorge Triana came over to me, with a grin,and said, "It's sure is nice to be back at this gym again,I've got some great memories from this place."

We hadn't flown at the Burnsville High gym for eleven years.In the interim,we held our monthly indoor contests at the Minnetonka Christian Academy,but they priced us out of their facility leaving the 2000-2001 indoor season in doubt.

We settled on five trim/funfly sessions in the small gym at Burnsville H.S.and the one sanctioned meet in the large gym, a solution which was more than satisfactory.

We had a nice turnout for the April meet:22 contestants vied for honors in thirteen events.Peanut scale had the largest number of entrees with nine. Two new events were introduced:Electric,where the only rule was that the model was restricted to two 50 ma Nicads and 7 gram Bostonian.
Leon Wolfe,from LaCrosse,WI posted a commendable 5:17 to win the electric event with a high tech plane that resembled a giant Pennyplane.
Floyd Richards from Winona,MN with a craft similar to Leon's came in second with a 3:05 score.Both Leon and Floyd are national figures in the indoor RC field,and both proved that experience works.

Gordon Dona,sponsor of the 7 gram Bostonian event tallied a 2:08 flight to take top honors with his Gampl tissue covered craft. Like Electric,this event had four entrants among whom was Dr.Larry Dona, Gordon's dad from the Seattle area.

Impressions:The April meet was an unqualified success. Everyone had a good time, and the few bystanders who came to see what "indoor FF" was all about were impressed with the craftmanship and performance displayed.Aaron Petersen's No-cal Hawker Typhoon was striking with its computer printed tissue markings. Its flying matched its appearance.
We don't award a high point trophy,but if we did it looks like it would have been a coin toss between Leon Wolfe, Jorge Triana, Floyd Richards and Gordon Dona.Floyd and Leon's primary focus is indoor micro RC',but these "river rats" are accomplished indoor freeflighters.

Gary Oakins,club prez,CD'd this affair,and managed the time allocations very efficiently. Thanks Gary. And it appears that we more than broke even financally despite the substantial custodial costs.

And another thing: there were no noise complaints and nobody ran out of DT fuse. Woodtick bites were a non-problem.Indoor is great! See ya downwind.

Jack

I just had a thought... who's got a copy of the club flight records? Are they up to date? Whomever has them, please update and forward to Jack O. *Ed.*

SAY WHAT ???

musings by the editor...

Just another reminder to be sure to attend both the May and June contests...at May's meeting the engine collection of late member **Carl Nitardy** will be up for sale and in June his kit collection. Our thanks to Karl's family for donating part of the proceeds to MMAC. Bring your wallets and checkbooks...the moths could use some air.

A Poem

Let it be known, far and wide,
Don't pay your dues, membership slides.

Like they say, high in the saddle,
you'll be up s**t creek , without a paddle.

Pay your dues!

Well, now you know the results of that creative writing class I took at school. Needless to say .....

As you all know, I have a tendency to shoot off my mouth. Seems it's gotten my butt in a sling once again....**Dick Hawes**, editor of "The Winding Stooge", of the Nebraska Free Flighters has extended an "invitation" to come on out and kick butt. I **accept**, however, I'm thinkin' it might just be my butt that gets kicked. Anyone want to come along and help me defend the honor of MMAC? Please...purdy pleeeezzzze?

Elsewhere in this issue is a picture page....all photos were taken by member **Lyman Hatz**, of Merrill, Wi., at the September contest last fall. Thanks, Lyman, this is the kind of input editors love. Thanks, also, to **Jack O'Leary** on his write-up on the big indoor shootout this past month.

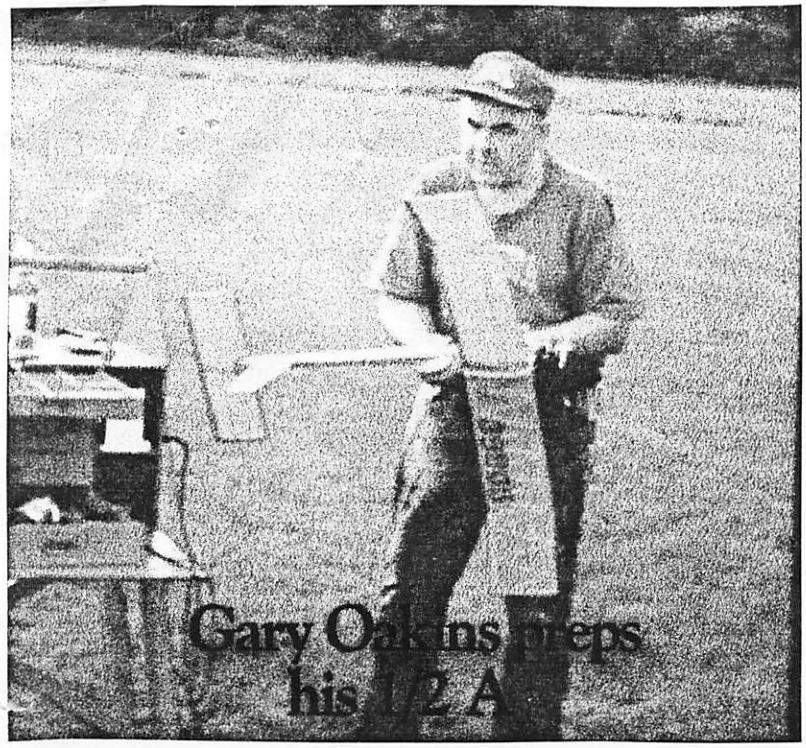
Speaking of **Jack O'Leary** ...he has graciously agreed to take over editorship of this esteemed rag from your's truly...I have enjoyed this tremendously and it's been one of the highlights of my modeling career. Thanks to all those who have contributed and to the editors of all our exchange newsletters. From them I've stolen countless articles and tidbits. Jack will take over after this issue so a note to **exchange editors**... send future issues of your newsletter to:

Jack O'Leary
11425 Kell Circle
Bloomington, Mn. 55437-3534
952-888-0638

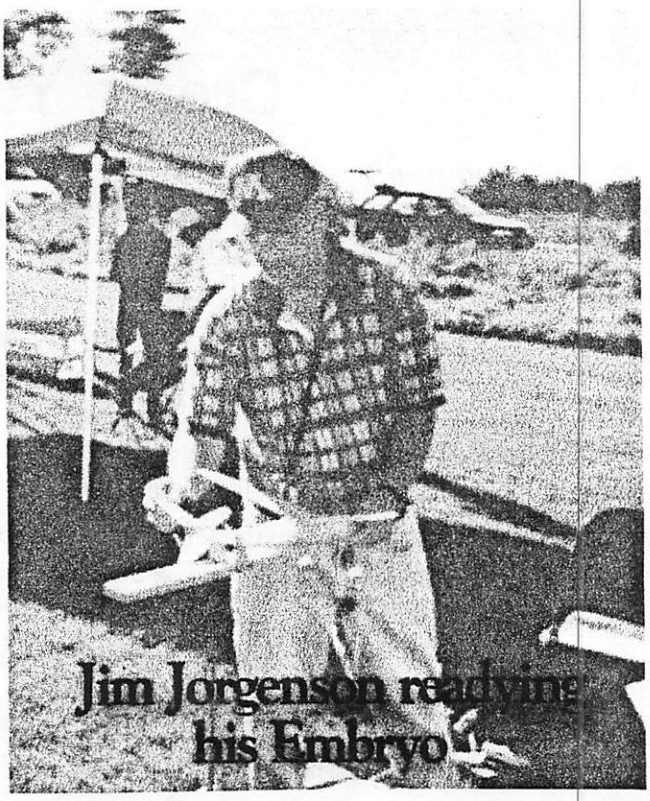
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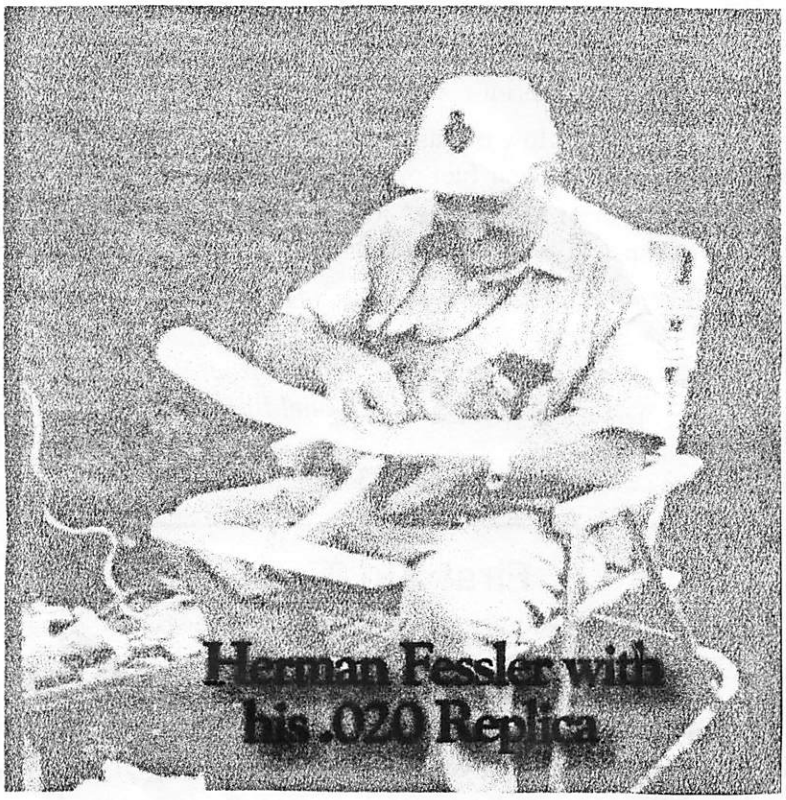
"WHY DO THEY CALL IT 'FREE-FLIGHT'?"



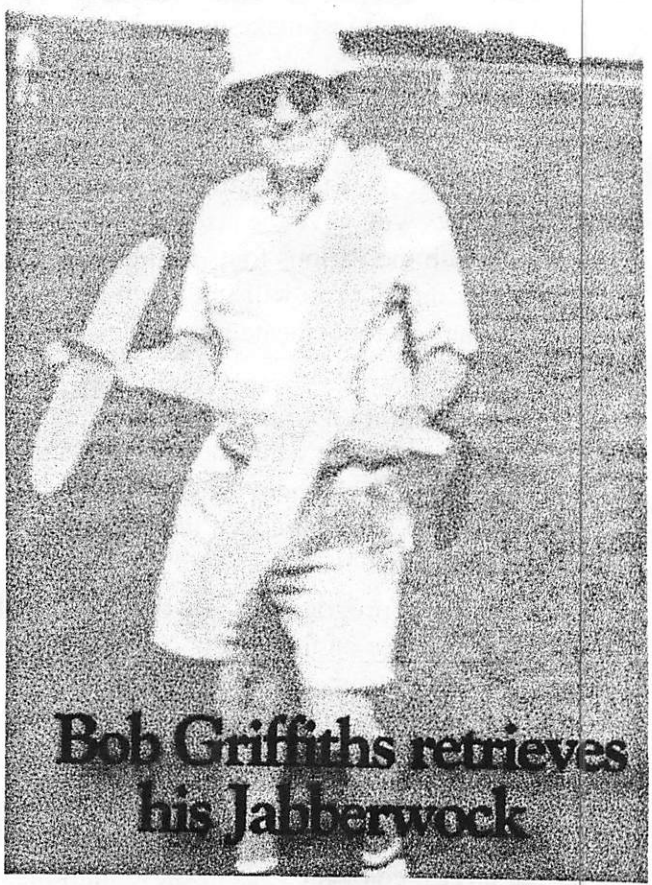
Gary Oakins preps his 12 A



Jim Jorgenson readying his Embryo



Herman Fessler with his .020 Replica



Bob Griffiths retrieves his Jabberwock

Create Your Own Decals

by Lionel Bernstein

To accomplish this task you must have a computer, inkjet printer, scanner, and a desktop publishing program or a friend who owns these items.

I like to try new ways to use my computer system, so when I ran across the INVENT IT! brand ready-to-print Clear Decals by HammerMill Paper® at CompUSA, I purchased it. I was determined to find a way to use what looked like a interesting idea.

It was my intention to use the Clear Decals film to make decals for my car side windows, but never got around doing it.

Recently, I was completing a scratch-built model, The Stikota, which was a Tom Hunt redesign of an old Free Flight model called The Dakota, circa 1950s. I decided to use the decal material, which was gathering dust, to make up some graphics for the finished model.

Since the material is a clear film and you can print any color with your inkjet printer except for white, I made it a point to cover my model in some areas with white MonoKote®. This meant my homemade decal would stand out on the white background.

If you are going to just make up a AMA number or a name decal like my "Stikota" that will appear on your model's wing panel, you should be able to do this with very little effort.

First, you must scale the graphic so it fits on the wing panel. Once you have the size selected, you can play around with the various fonts to find that which best suits your model. You will find them in your computer's bank of fonts located in the desktop publishing program.

Before you print it on your clear decal stock, make some test prints on bright white stock paper. See how it fits on the wing panel where the final decal will be attached. It is here you will adjust the size of the font so it will fit your model.

Some computer programs let you design a graphic logo that you can use on the engine cowl or rudder of your model. Let your imagination guide your efforts. Make sure you save what you design in your computer as you can waste hours of work if you are not careful.

Now to the scanner. If you are building a scale WW I model and need some authentic markings, obtain the largest color pictures of these markings from a set of scale three-views and scan the items you need for the model into your computer.

Once you have these saved in your computer's clipart, file you will be able to crop out the unwanted portions, edit out any lines that might be distracting, and scale them to the size you need.

It is very simple to now copy it to your work sheet with the numbers and names you designed before. This will allow you to print the most you can fit on the 8-1/2 x 11 sheet of clear decal material. The decal sheets run about $1 each, so get the most for your money. Plan to make up a sheet with every space utilized with some kind of graphic.

The actual printing is simple. Set your inkjet printer for highest quality printing to get the densest print image on the film. Allow extra time for the final printed sheet to dry before touching the inked area. Failure to wait for it to dry will smear and ruin your work.

Now cut out your decal, peel off the backing, and stick it to your model, smoothing out any trapped air bubbles.

If you should decide to make a decal for your home or car window, just set the printer for flip horizontal printing and your final work will now be able to be attached to the inside of a window and will read in the proper way. Remember, put these reverse printing items on a separate sheet of decal film as everything on the sheet will print reversed.

To use with glow or gas powered motors, overspray the decal with a clear fuel proof paint or iron over the decal with clear MonoKote® to protect the image from fuel exhaust.

Have fun with this easy to use, ready to print, clear decal material.

from Wing Tips
Lionel Bernstein, editor
6 Norman Drive,
Bohemia NY 11716-1322

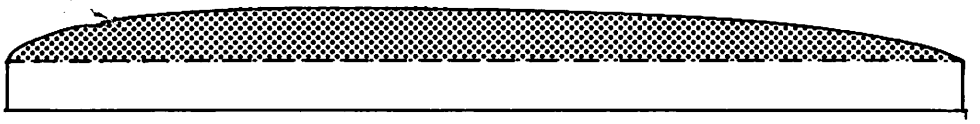
VIA: "DOPE BUCKET" UTAH STATE AEROMODELERS
RON WATTS, ED.

First Aid Tip

To stop bleeding, use black pepper. It does not burn, stops the bleeding instantly and it helps the wound to heal without scaring. Pepper is a natural antiseptic. Keep some of those fast food paper packets of pepper in your field box or first aid kit.

from Smoke Signals, *Joe Di Prima, editor*
775 Magnolia Dr., Franklin Squary NY 11010

WING RIB TEMPLATE : SIMPLEX 5% TO .34 CHORD, SIMPLEX 3% REVERSED .34 CHORD TO T.E.

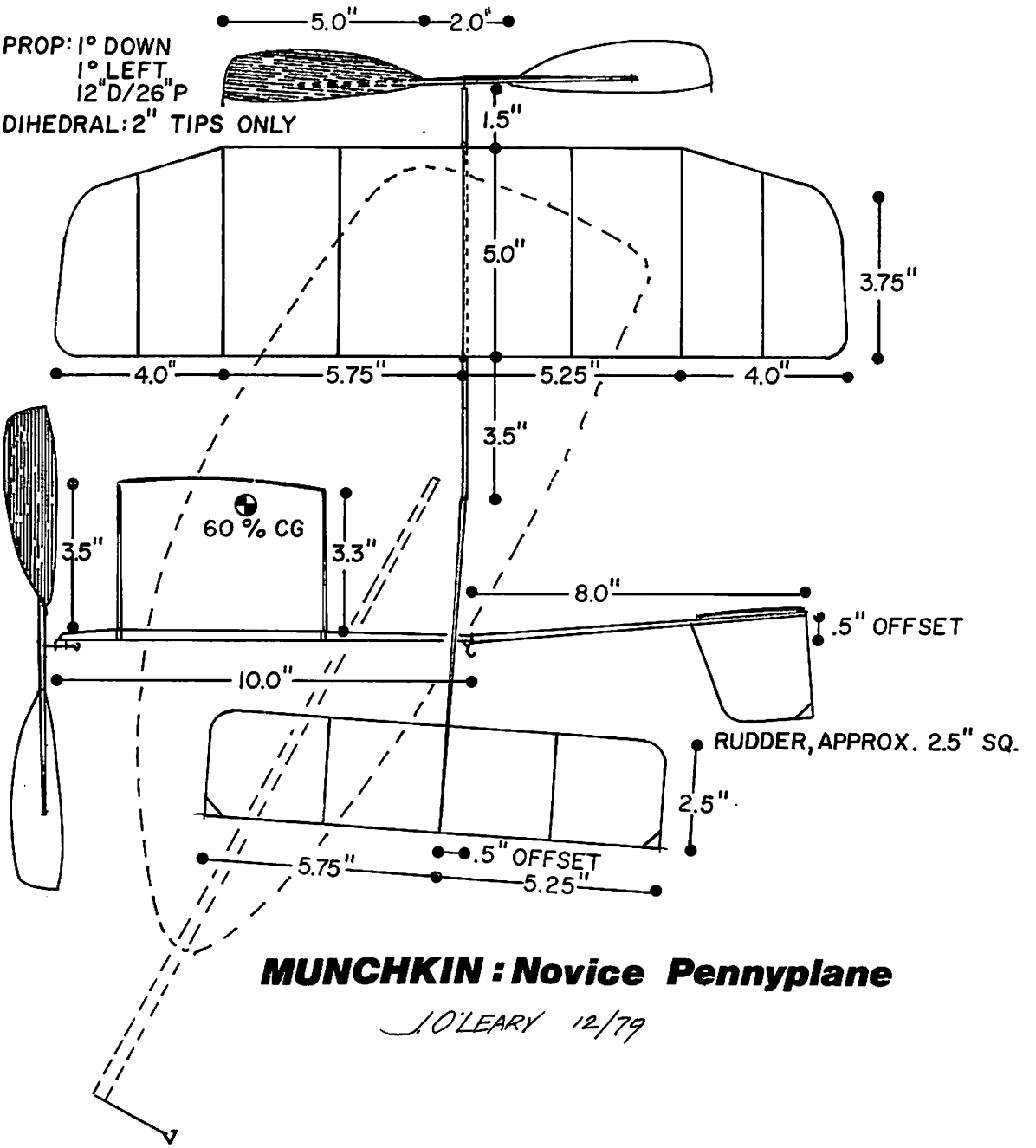




STAB RIB TEMPLATE : 2 % SIMPLEX

PROP: 1° DOWN
1° LEFT
12"D/26"P

DIHEDRAL: 2" TIPS ONLY



MUNCHKIN : Novice Pennyplane

J. O'LEARY 12/79

The Minneapolis Model Aero Club
1216 N. 8th St.
Wausau, Wi. 54403

If you haven't paid your dues or renewed your subscription,

This is your last issue!!!

For Sale

Nocal Plans:
Lacey M-10, Heinkel 119,
Baka Bomb, I.A.R.- 80,
Miles Hobby M-13 race plane(new).
$3.00 each + $2.00 postage or all five plans for $12.00 post paid.

Mini and Micro putty timers: .8 & .5 grams respectively. Run times are 5 and 2 minutes(approx.). $10.00 ea. + $2.00 postage for up to 5 timers.

Send orders to:
Barrie Taylor
2 Thackeray Ave.
Winnipeg, Manitoba,
Canada R3K0H1

For Sale

Professional, heavy duty, drafting table.
36" X 60" working surface with electrically operated level control...."perfect for modeling use". Excellent condition!
$150.00
Contact: Dave Braun @ 612-457-2264
St. Paul, Mn.

For Sale

Just bought a 10 lb. box of 3/16" Tan II rubber. Only want 5 lbs. Anybody want the other five? Will split as small as 1 lb. $18.00 / pound
Contact: Joe Huettl @ 715-842-9638
mmaceditor@g2a.net