

Cloudbuster membership and subscription to the newsletter is \$16.00 per year (\$6.00 membership without subscription). All memberships expire on Dec. 31. Subscription membership includes all Newsletter issues for the year.

Send subscription money to:
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Cloudbuster's MAC
5228 Lorin
Shelby Twp. 48316

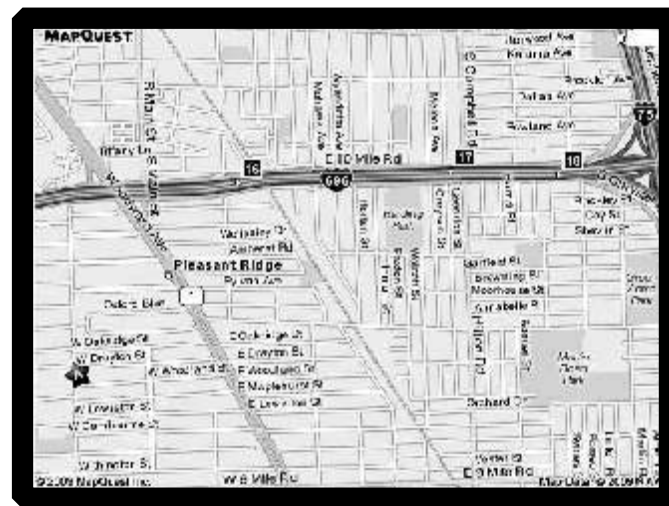
Address all regular correspondence to:
Davis Gloff
76 Amherst
Pleasant Ridge, MI 48069

Club Officers
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V.P.: Winn Moore (winn_moore@yahoo.com) 248-830-6294
Secretary: Davis Gloff (davisgloff@hotmail.com) 248-399-3935
Treasurer: John Jackson, (johnjackson2475@gmail.com) 586-604-3257
Safety Officer: Bruce Thoms


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Club Website by Davis Gloff, (davis.gloff@gmail.com)
Cloudbustermac.tripod.com

Cloudbusters Model Airplane Club
976 Pearson St
Ferndale MI 48220



The Cloudbusters meet at 8pm. on the third Tuesday of the month at Drayton Ave. Presbyterian Church 2441 Pinecrest Avenue Ferndale, MI 48220 The meeting room is #309 No meetings in June, July, or August.



Be sure to visit our web page to get the winter 2014 handout. If you do not have access to the web or a printer, contact a member who does and get your copies for handout today.



Cloudbusters NEWSLETTER

Cloudbusters Model Airplane Club of Michigan, Inc.

Our 76th Year

Ramblings from the Editor

Here we are again, mixing the new stuff with the old stuff. The Cloudbusters, thanks to George Bredehoff & John Jackson, have a Facebook page.

www.facebook.com/groups/CloudbustersMAC/

Just incase anyone took that the wrong way, the new stuff is computers and facebook, the old stuff is model airplanes, no one in particular.

DUES ARE DUE!

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Paypal

option on our web site.

cloudbustermac.tripod.com

There seem to be a lot of guys having fun with this Jet Catapult event so I have searched and found some more plans. I will include some more over the next few editions. Included this month is the Messerschmitt ME 262.

I got it from www.hippoketaeronautics.com. I can not tell you a lot about it except the tag here is on the download. Have fun Jet Catapulting.



The have been a lot of comments over the years that the Cloudbusters have a lot of Blowhards in their ranks. Now is your chance to prove it and be proud of it. Take a look at the Soda-Jets. Build one or two of them, heck, design your own. Let us show the world how many blowhards we have.

Also this month is a Semi-Scale 1920's powered glider. This one sure looks like it can be a lot of fun, and should qualify for the Pinkham Field Stick rules, that is unless you can find some more documentation and build it more scale.

Chris
PS Check out the "engine" on the glider.



Jan-Feb 2015



Chuck Schoblower

Dan Olah

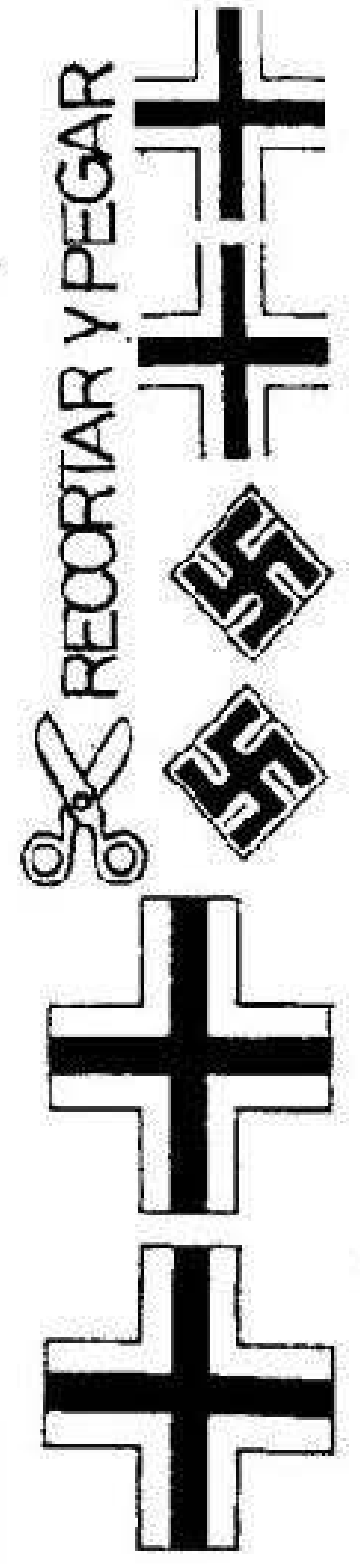
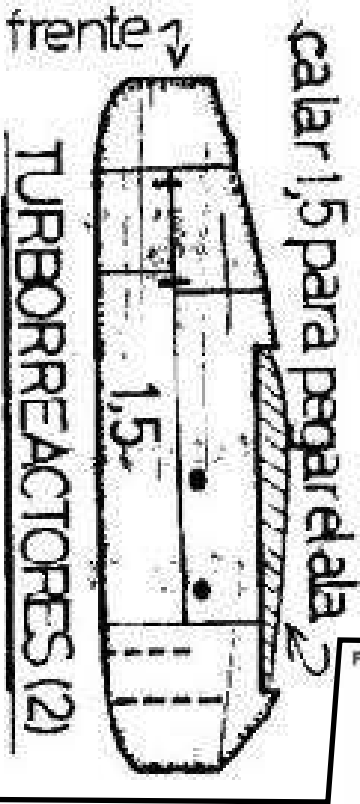
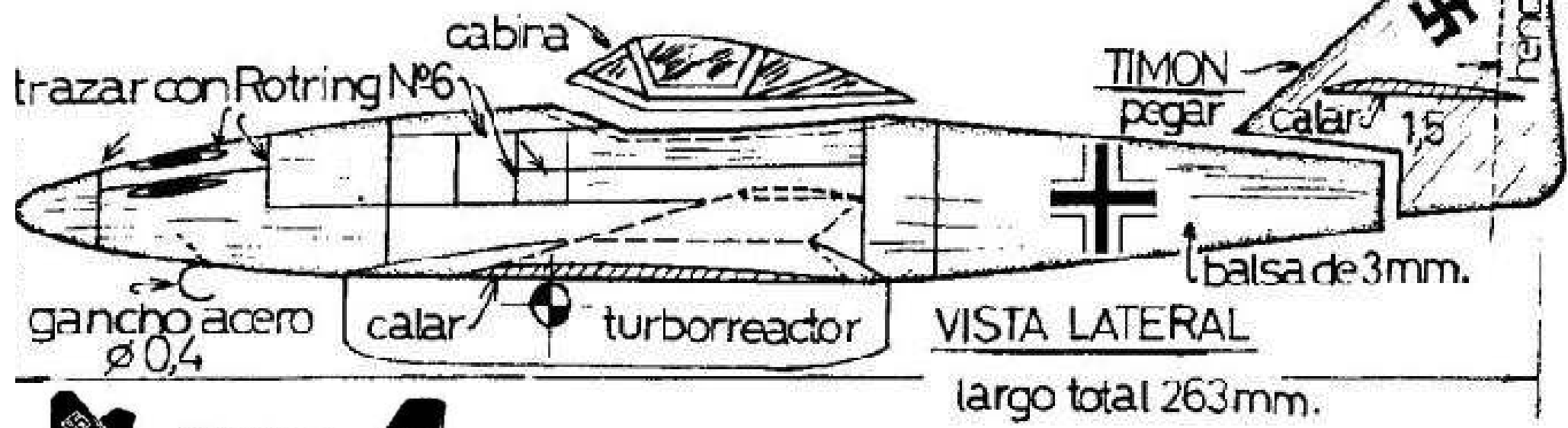
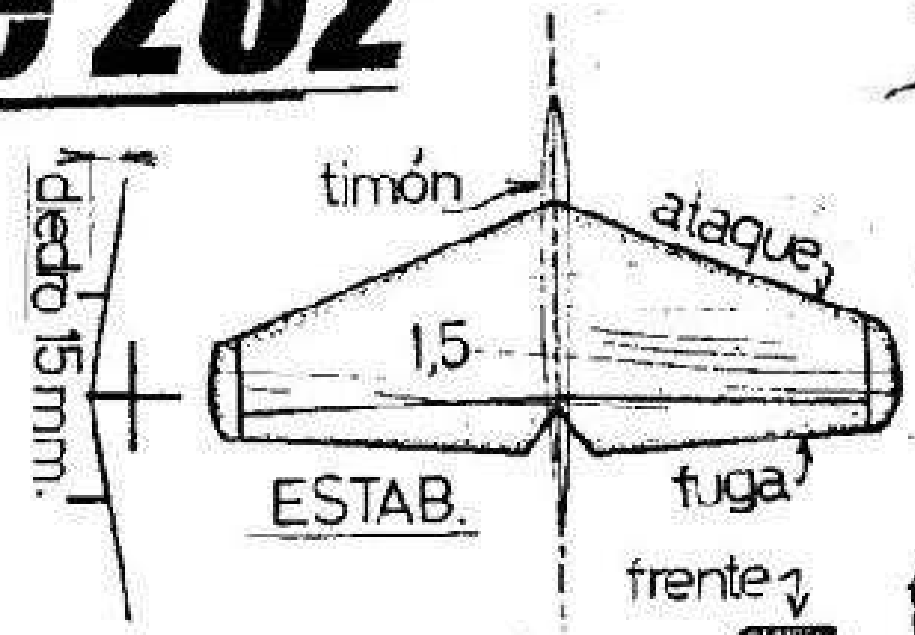
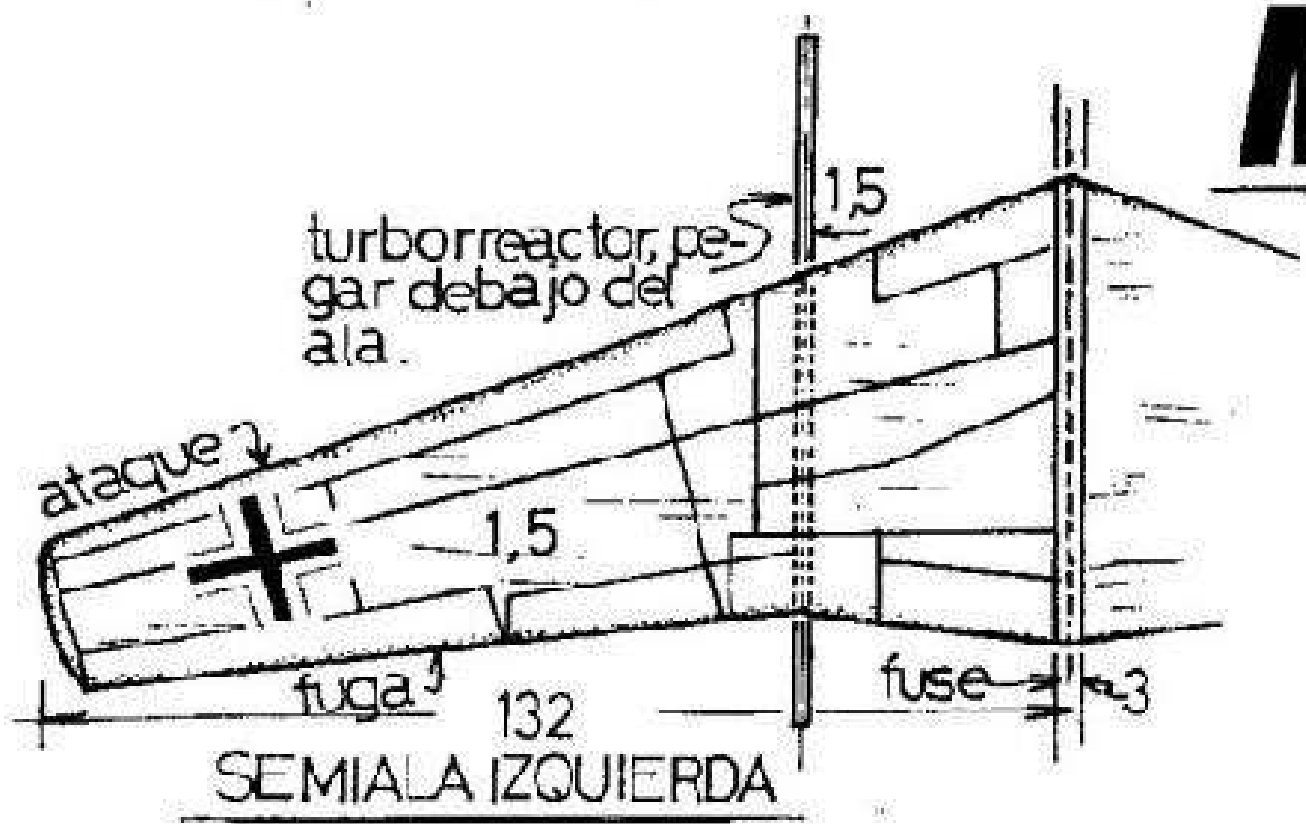


A very special thanks to

**Sandra Olah
and
Lorraine Schoblower**

who both have donated their husbands kit collections to the Cloudbusters. The Olah collection will be sold at the club auction. The Schoblower collection will be used as raffle prizes at the Indoor Fling & FAC Outdoor Champs

PLANEADOR Messerschmitt **Me 262**

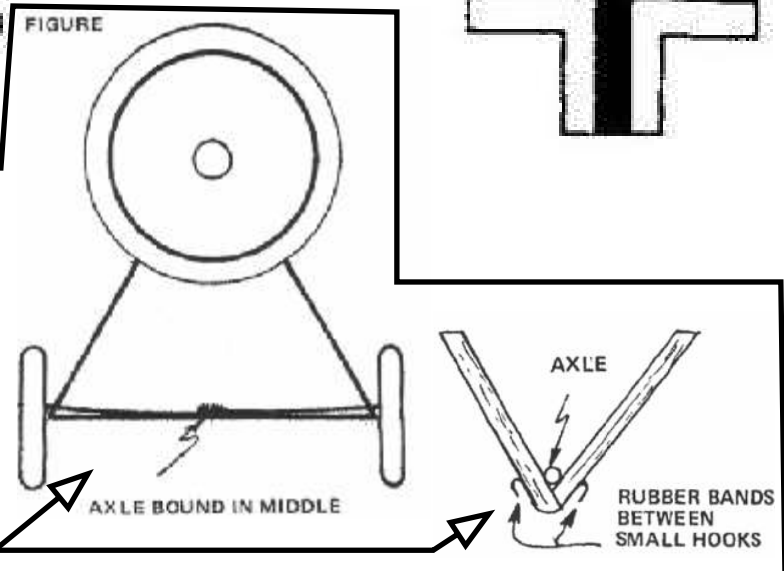


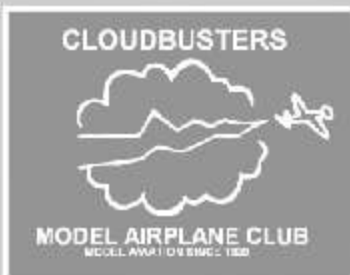
OLD TIME AIRCRAFT AXLE MOUNTING

by Fernando Ramos

From the Free Flight Scale column, Model Builder, August 1986, and republished in the December 2009 issue of Scale Staffer, Gerald Sullivan, Editor

The figure shows two simple ways to mount an axle. The first one is to wrap the axle in the center of the spreader bar, ala Sopwith, letting the wheels move upward in a landing. The second method for either gas or rubber models is to wrap small rubber bands (Cut from surgical tubing or if you know someone in orthodontia) as shown for shock mounting. I prefer this type of set-up. Most modeling planes do not go into much detail as far as gear installation is concerned. There is more to a gear than meets the eye. It is also an area where a wealth of detail could be added. However, too often it isn't treated that way!





The Cloudbusters & The Balsa-Bugs

In conjunction with
The Michigan Indoor Aircraft Association

Present
The 2015



Indoor Fling

MIAA
Michigan Indoor Aircraft Association
A. M. A. Charter Club 5064

An AMA Sanctioned Class AAA Contest
AMA Category III Ceiling

Sunday, May 3, 2015 Ultimate Soccer Arena

867 South Blvd E, Pontiac MI
2 miles south of the Silverdome

Flying

9:00AM- 5:00PM*

Flying Floor split in half.

South End for FAC - North End for AMA*

Entry Fees:

\$30.00 post marked by April 25

\$35.00 at door

Special Entry Fee! { Junior Entrants
Science Olympiad
\$1.00 Junior Phantom Flash

Spectators - FREE!

Send Check or Money order to

Mike Welshans

Cloudbuster's MAC

976 Pearson,

Ferndale, MI 48220

Contest Director

Mike Welshans 248-545-7601

Mbwelshans@aol.com

Event Managers

FAC- Winn Moore 248-830-6294

winn_moore@yahoo.com

AMA - Paul Crowley 586-294-1236

usa2298@comcast.net

AMA EVENTS

Standard Cat Glider	218
Unlimited Cat Glider	219
Hand Launched Glider	212
Manhattan Cabin	205
Limited Penny Plane	208
Penny Plane	207
Bostonian	215
F1L Easy B	217
Mini Stick + MS ML	220
Inter Stick	202
F1D (no rounds)	203

Phantom Flash for Juniors Separate Awards

Phantom Flash kits Available at

Prop Shop Hobbies, Inc. - "Your Complete Model Shop"
23326 Van Dyke Ave. Warren, MI 48089

586-757-7160 propshophobbies.com

Carlton Hobbies - "We make hobbies affordable"

8194 Cooley Lake Road

White Lake, MI 48386

248-360-4910 carltonhobbies.com

Flight Line Hobbies

1192 S Lapeer Rd, Lake Orion, MI 48360

248-814-8359 www.flightlinehobby.us

Retro RC - Vintage & Retro Model Aeroplane Kits

PO Box 193 Keego Harbor, MI 48320

248-212-9666 - retro.us.com

Volare Products - Shorty's Basement

269-339-9795 volareproducts.com

FAC EVENTS

- 1 FAC Peanut Scale
- 2 FAC Scale
- 32 FAC Dime Scale
- 33 FAC No Cal
- 34 FAC Phantom Flash
- 35 FAC Embryo
- 36 Jet Catapult
- 43 FAC Goodyear Racers
- 44 FAC WW-I ML
- 45 FAC WW-II ML
- 98 Pinkham Field Stick**
Junior Phantom Flash

All FAC Events Down to 2014/2015 FAC Rules

** No Kammes for this unofficial event

See Registration Form for map to site and details of events.



A wonderful site with a 72' center ceiling and 40' at the walls.
The Arena is on South Blvd. E. (20 Mile Rd.) just west of Opdyke Rd. on the northwest corner.

Food Services on Site.

Floor area is equal to a full size soccer field plus!

Eight AMA CATEGORY III Records Were Set Here in 2012!

2015 INDOOR FLING

An AMA Sanctioned Class AAA Contest
Sanction Number 14-xxx

Presented By: Cloudbusters Model Airplane Club of Michigan & The Detroit Balsa-Bugs
In conjunction with: The Michigan Indoor Aircraft Association

Official Registration Form

Name _____ AMA # _____

Address _____

City _____ State _____ Zip _____

____ Yes, I would like to be on the Cloudbuster Official Email List _____

Entry Fees:

\$30- post marked by April 25

\$35- at door

Special Entry Fee! { Junior Entrants
Science Olympiad
\$1.00 Junior Phantom Flash

Contest Director

Mike Welshans 248-545-7601

Event Managers

AMA-Paul Crowley 586-294-1236

FAC-Winn Moore 248-830-6294

Make checks payable to:

Cloudbusters Model Airplane Club

Send by April 25, 2014 to:

Mike Welshans

Cloudbuster's MAC

976 Pearson

Ferndale, MI 48220

When: Sunday, May 3 from 9:00 AM to 5:00 PM

Where: Ultimate Soccer Arena

867 South Blvd E,

Pontiac MI

2 miles south of the Silverdome

Email Address Here Please Print Legibly.

Event Schedule:

8:00 AM Registration

9:00 AM-10:30 AM FAC Scale Events Judging

9:00 AM-5:00 PM Open flying for all events.

Mass Launches: 12:00 Noon - WW-I,

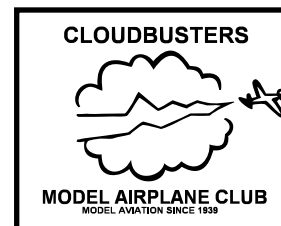
1:00 PM - WW-II,

2:00 PM - Mini-Stick

3:00 PM - Goodyear Racers

All official flight times must be turned in by 5:00 PM

5:30 PM - 6:00 PM Awards Presentation



Michigan Indoor Aircraft Association
A. M. A. Charter Club 5064



All AMA Events will be flown to current AMA Rules
for Indoor Free Flight.

<http://www.modelaircraft.org/events/compreg.aspx>

All FAC Events will be flown to current FAC Rules.

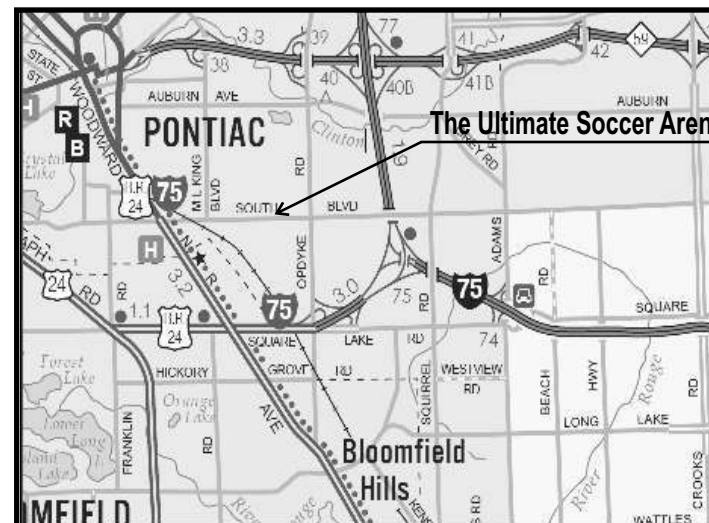
<http://www.flyingacesclub.com/FACrules3.html>

Email mbwelshans@aol.com for Pinkham Field Rule Book in PDF Format.

Phantom Flash for Beginners flown to current FAC Rules.

All decisions of Event Managers Are Final.

**Please make sure your models qualify
to the current rules.**



Attached find Richard Morgan Small Rubber Cabin Model. Still have to do the windshield. I only have four months to do it!!!
Pete



Presidents Notes

I Hope Everyone Had a Safe and Happy New Year
First of the year, building season if your lucky. By the time you read this the annual Cloudbuster Auction will have come and passed. There are a few brief announcements below.

We are now taking Paypal for your membership. The system has been tested and it works great. The club has already picked up some new members using this easy dues payment method. To rejoin using Paypal visit the Cloudbuster Web Site shown below.

Also in the near future Cloudbusters will have a Facebook page. Clubster's George Bredehoft & John Jackson have offered to monitor this item. When it is ready to go details will be announced on the Cloudbuster Web Site again shown below.

One more new item. In the very near future the Cloudbuster Web Site will have two PDF files for the Cloudbuster Handbook. First is a 12 page file printed on two sides and the second is a single sheet that will give directions for printing and getting the pages in the correct order. This book explains much about Cloudbusters including history of the club, the club Constitution & Bylaws, the reason we have the perpetual trophies and what they represent, rules about the annual auction etc. Please print and assemble a book for your personal use. Web Site again shown below.

cloudbustermac.tripod.com/
Last flying season's perpetual award winners were as follows. Nominees are all listed and the winner is in bold text.

- Bill Adams Award for Contributions to Model Aviation.**
Dan Olah, Winn Moore & George Bredehoft
- George Lewis Award for Contributions to the Cloudbusters.**
John Jackson, Ralph Kuenz & Dan Olah
- Dave Dulaitis Award for Contributions to Scale Modeling.**
George Bredehoft, Ted Allebone & Pat Murray
- Top Gun Award for Contest Results.**

Only four members turned in scores.
George Bredehoft, Chuck Hickson, **Winn Moore** and Mike Welshans

Last but not least a special thanks to Steve Sibal for updating the club handbook and to Sandra Olah and Lorraine Schoblower who both have donated their husbands kit collections to the Cloudbuster's. The Olah collection will be sold at the club auction. The Schoblower collection will be used as raffle prizes at the Indoor Fling & FAC Outdoor Champs.



1920'S POWERED GLIDER

By BILL WARNER

● Basically a Northrop primary glider, the ship modeled was converted by Orville Hickman of Modern Mechanics Magazine about 1929 to take advantage of the 3 h.p. Smith Motor Wheel engine. This engine, developing its fantastic power from only 38 lbs. at 2,600 R.P.M. would not take the machine off the ground, but merely served to extend the glide of the old tried and trusty primary design. Many modern designers have produced sailplanes or "avions-plan-eurs" which use this idea to keep planes up in the absence of thermal, ridge, or wave lift. Some even use the engine to get off the ground.

You can have a ton of fun for peanuts with this simple, rugged model with only a few cents and an evening's building time invested!

First build the fuselage pinned to a flat board. While that is drying, cut out the wings and formers. If you wet the top of the wing a little with your tongue, it will make it easier to glue the curved formers underneath. Sand the slight angle at the wing root to get a little dihedral, and glue the wings together. Cut out the stab and rudder and glue them to the finished fuselage, making sure the front of the stab is a little lower than the rear. (notch fuselage to

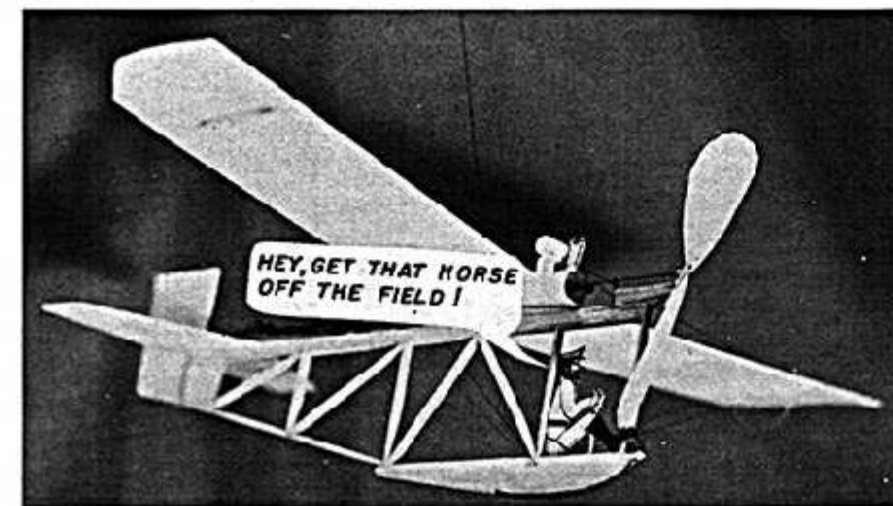
fit) Then glue the wing on and add some weight to the nose and you have a finished glider! But why stop now?

Bend the prop shaft, rear hook, and carrier out of .020" music wire. If you have trouble making the carrier from one length of wire, a strip of thin aluminum drilled for the prop shaft will do. The prop is simply two balsa blades glued at about a 45° pitch angle to a 1/16" hardwood dowel or round toothpick center section. The model flies very well with a "left hand" prop made by accident.

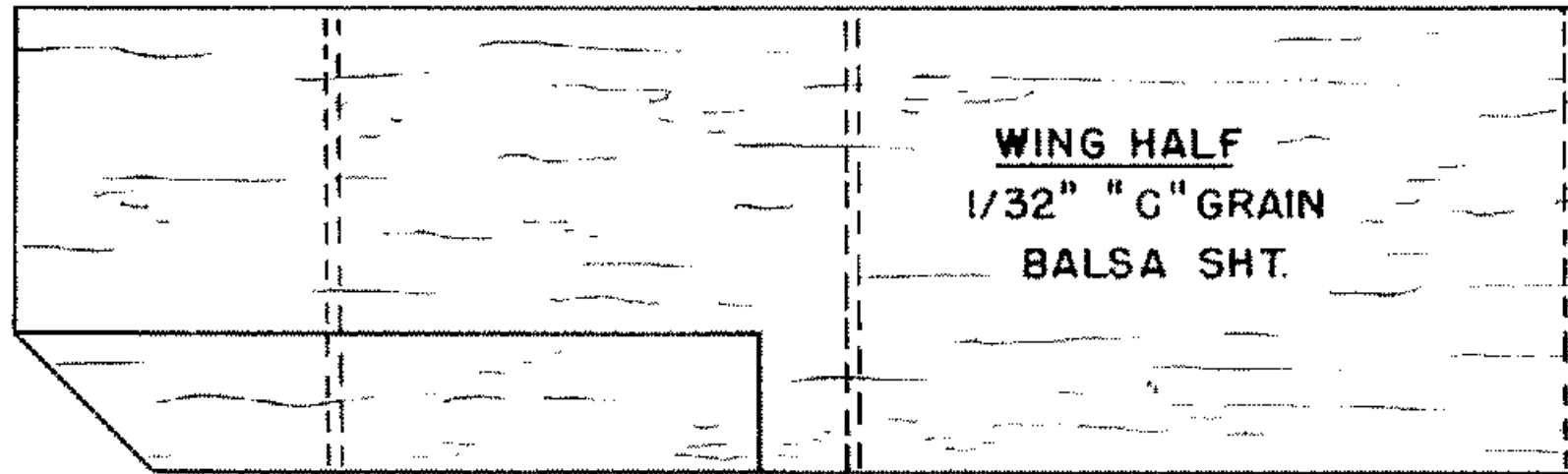
Typing paper was used to cover the rear portion of the fuselage under the stab and to roll a dummy engine and fuel tank. Two bits of scrap balsa hold the engine up so that the 2mm. rubber motor (12" long) can pass right through it. The model was rigged with "fly-tying" silk thread.

A motor-noise device can be added by sanding a strip of reed very thin and gluing it to a typing paper "drumhead" covering the prop carrier. Glue a tiny striker on the back of the prop. Note: the reed works best on the side away from the direction of prop rotation.

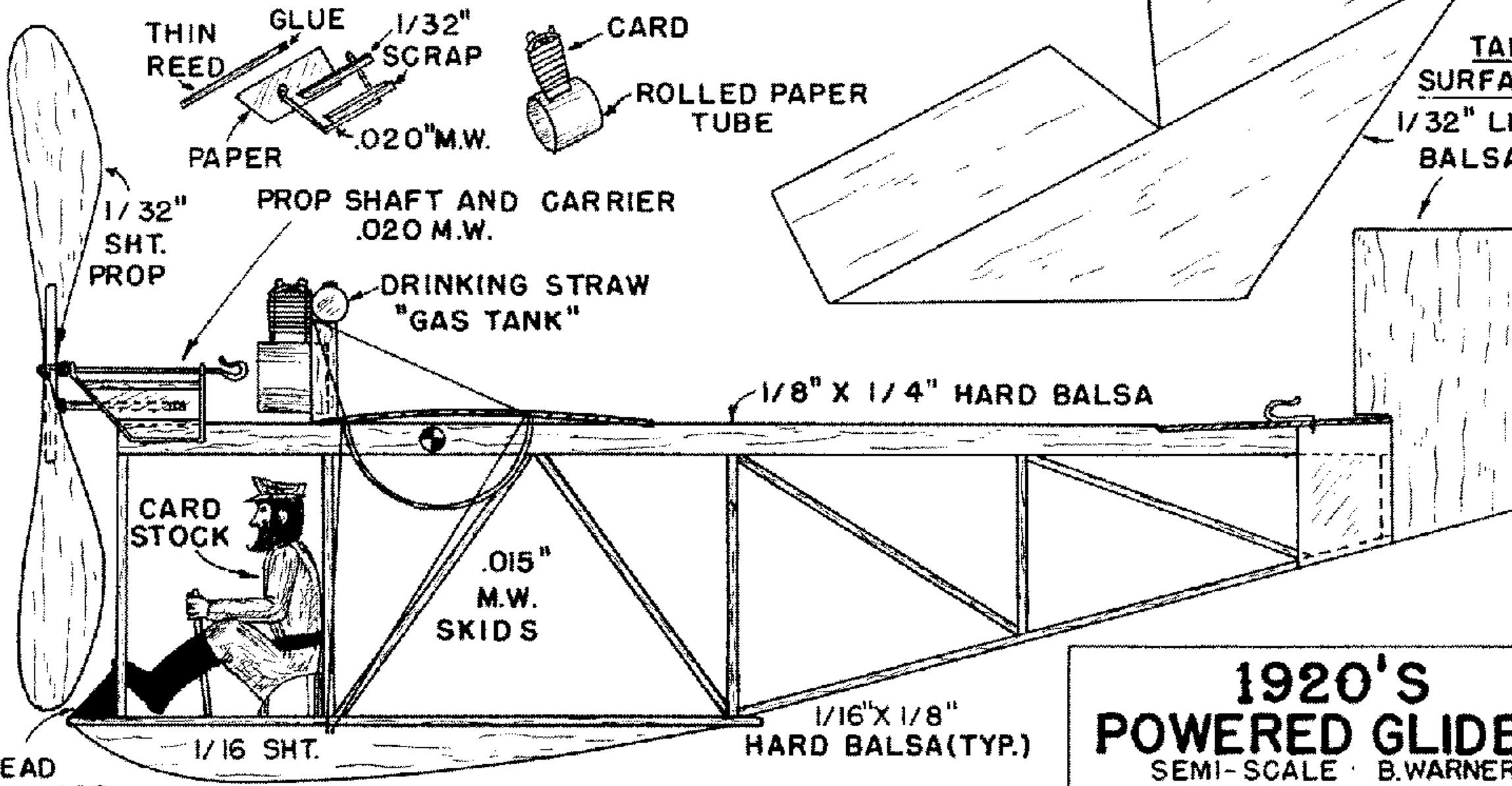
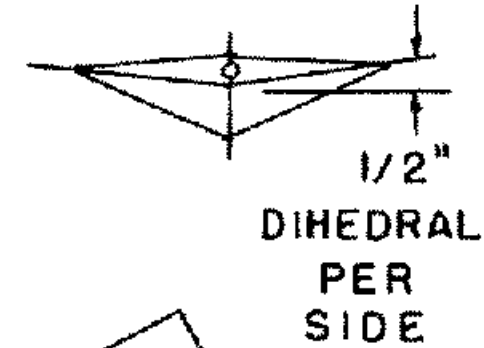
Trim for flight by adding clay until model balances at point shown on plan. Use rudder for turn, elevator to correct stall or dive. The original model flew a consistent 18 seconds under a 15 foot ceiling, and usually flew into treetops when flown outdoors in the street. ●



RUBBER: ONE LOOP 2MM PIRELLI OR EQUIVALENT



1/16" SHT.
FORMERS
(6 OFF)



**1920'S
POWERED GLIDER**
SEMI-SCALE · B. WARNER

FROM: E.A.A. 1931 FLYING AND GLIDER MANUAL

All,
I read rumors about a week and a half ago - Peck Polymers will be saved (not by me!)
This looks to be pretty official: www.peck-polymers.com/
I don't know Chuck Imbergamo in Connecticut.

George

Peck-Polymers is coming back!

January 13, 2015

I'm happy to announce that I was able to work with A2Z Corp to purchase Peck-Polymers.

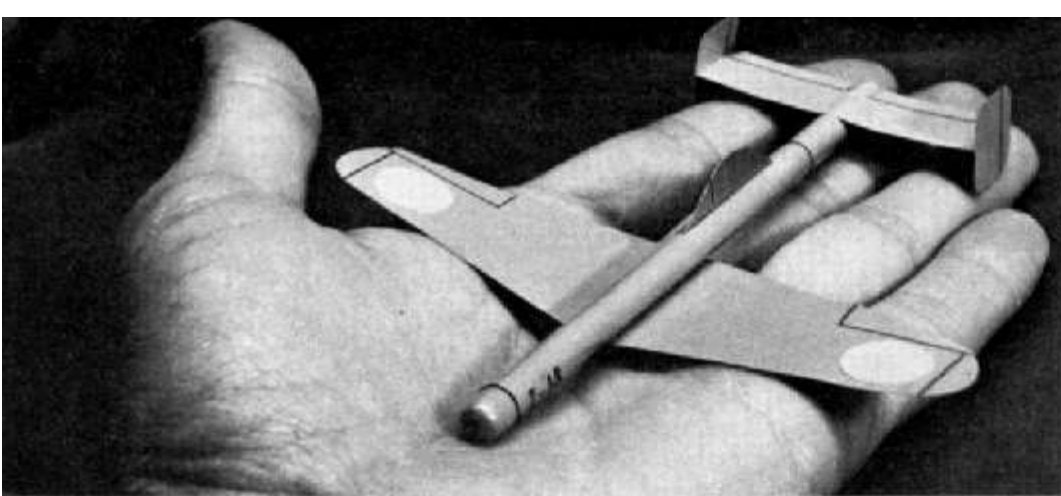
Like most of you, I have built many Peck kits over the years and always found them to be a high quality product. A number of kit makers and scratch builders rely on Peck parts such as thrust bearings, prop shafts, wheels and of course the famous Peck silver props! When I heard that A2Z wanted to sell their model division, I was excited at the opportunity to own a great company!

Please be patient as we work to transfer the Peck inventory from Colorado to Connecticut. I will begin kit and component production as soon as possible, but there is much work to do. Please check back often as we build our new web site. If you are a kit manufacturer, please write me here to discuss any urgent kit component needs and I will do my best to accommodate you!

I look forward to supplying the Peck products free flight modelers have come to know and love, and I have several new kit ideas in the works too!

Thank you!
Chuck Imbergamo
Peck-Polymers





Soda Jet-the Last Straw!

Ever blow the cover off a soda straw? Why not use two straws with wings on one and catapult it off the other?

BILL HANNAN

WHEN Editor Ed Sweeney suggested that we experiment with lung-powered models, we were a bit dubious but, after constructing a few, it became evident that he had a winning idea!

These little models are a snap to build, and certainly must be the lowest-cost flying models this side of folded paper gliders. Soda straws are manufactured in several sizes, of both plastic and paper. We found the plastic variety to be much more rugged, and the difference in weight does not seem to matter. If you can obtain two different sizes of straw, the smaller ones can be used as launchers. Or, aluminum tubing from a hobby store can be used for the launcher.

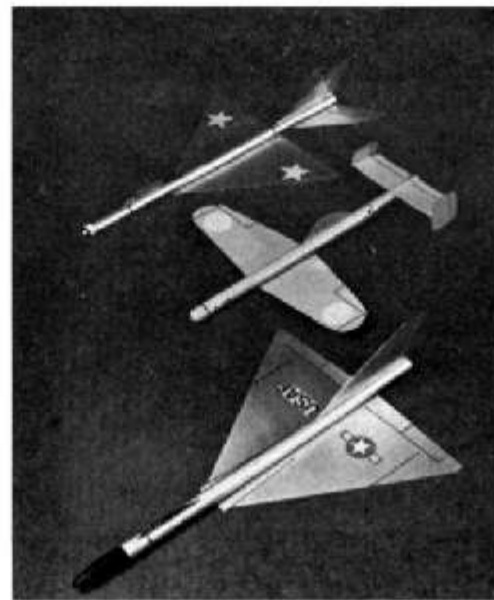
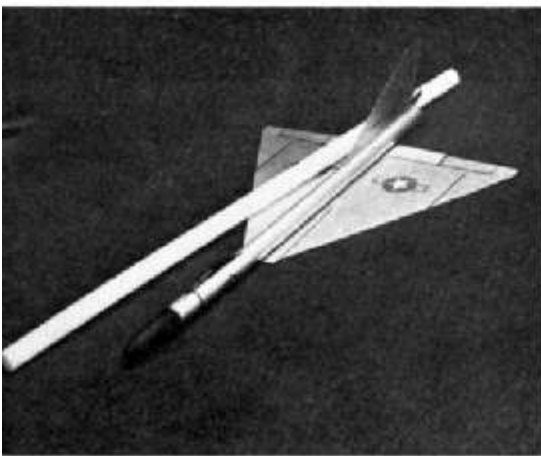
Although it would be possible to cut the wing and tail parts directly from the drawings, it is suggested that you trace them and transfer the shapes to stiffer paper. The various markings can be colored with felt pens or colored pencils or, if preferred, cut from paper and glued on the finished model. Our models were assembled with contact cement, since some glues of other types

do not work well with plastic. If you decide to paint your aircraft, plastic model paint such as enamel should be used rather than dope.

The nose plugs can be carved and sanded from balsa wood and should be a snug fit into the straws. On some models, the plug will weigh enough to function as nose ballast, but on others it may be necessary to add a bit of modeling clay. This can be placed inside the straw behind the nose plug.

Hand glide the models until they have been adjusted. Slight upward bending of the elevators will probably be required in addition to the addition or subtraction of nose weight. Next, try launching the models with the "blow-pipe." Our best results were obtained by starting the aircraft off in a left-hand bank. Turns can be obtained by bending the rudders, and deflection of the ailerons can produce snap rolls!

After trying a couple of ours, why not try designing a few of your own? Be the "straw boss" of your own air force!

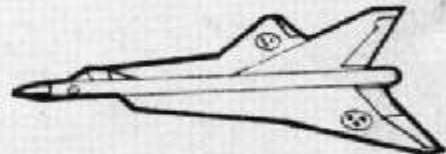


After assembling the balsa parts with water-based glue, sand and give one light spray-coat of enamel paint. Detail with ball-point pen. Shown are models made from plans, but you can design your own air force of semi-scale planes.

GOOD FOR THE TENDER-FOOT



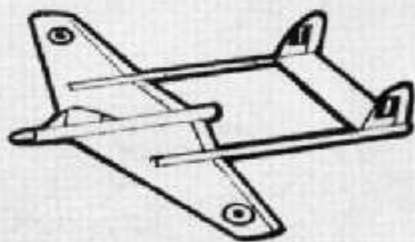
SABRE "D"
(TWO STRAWS)



SAAB "DRAKEN"



ENGLISH ELECTRIC "CANBERRA"



DE HAVILLAND "VAMPIRE"



V-1 "BUZZ BOMB"

THOUGHT STARTERS

FULL SIZE DRAWINGS
SODA-JETS

BEND UP SLIGHTLY

TYPICAL ASSEMBLY

ALL FUSELAGES ARE MADE FROM PLASTIC SODA STRAWS. WINGS, TAILS, AND CANOPIES ARE STIFF PAPER. NOSE PLUGS ARE BALS.

COLOR: GREEN
INSIGNIA: RED

FRONT VIEW
SHOWING DIHEDRAL (BAKA BOMB ONLY)

1/4"

"BAKA BOMB"
JAPAN, WWII

FOLD TABS

FOLD TAB AND GLUE IN PLACE

MAKE TWO

POSITION OF STABILIZER

I-18

WING POSITION

1

2

3

TYPICAL NOSE PLUG CONSTRUCTION

SUKHOI "FISHPOT"
U.S.S.R.

COLOR: SILVER
INSIGNIA AND NOSE: RED

COLOR: SILVER
INSIGNIA: BLUE WITH RED BAR

USAF

5512

BEND BOTH SIDES SLIGHTLY TOWARD TOP OF MODEL

"CONVAIR "DELTA DART" (REALLY!)"
U.S.A.

CAUTION: DO NOT AIM AT ANYONE!