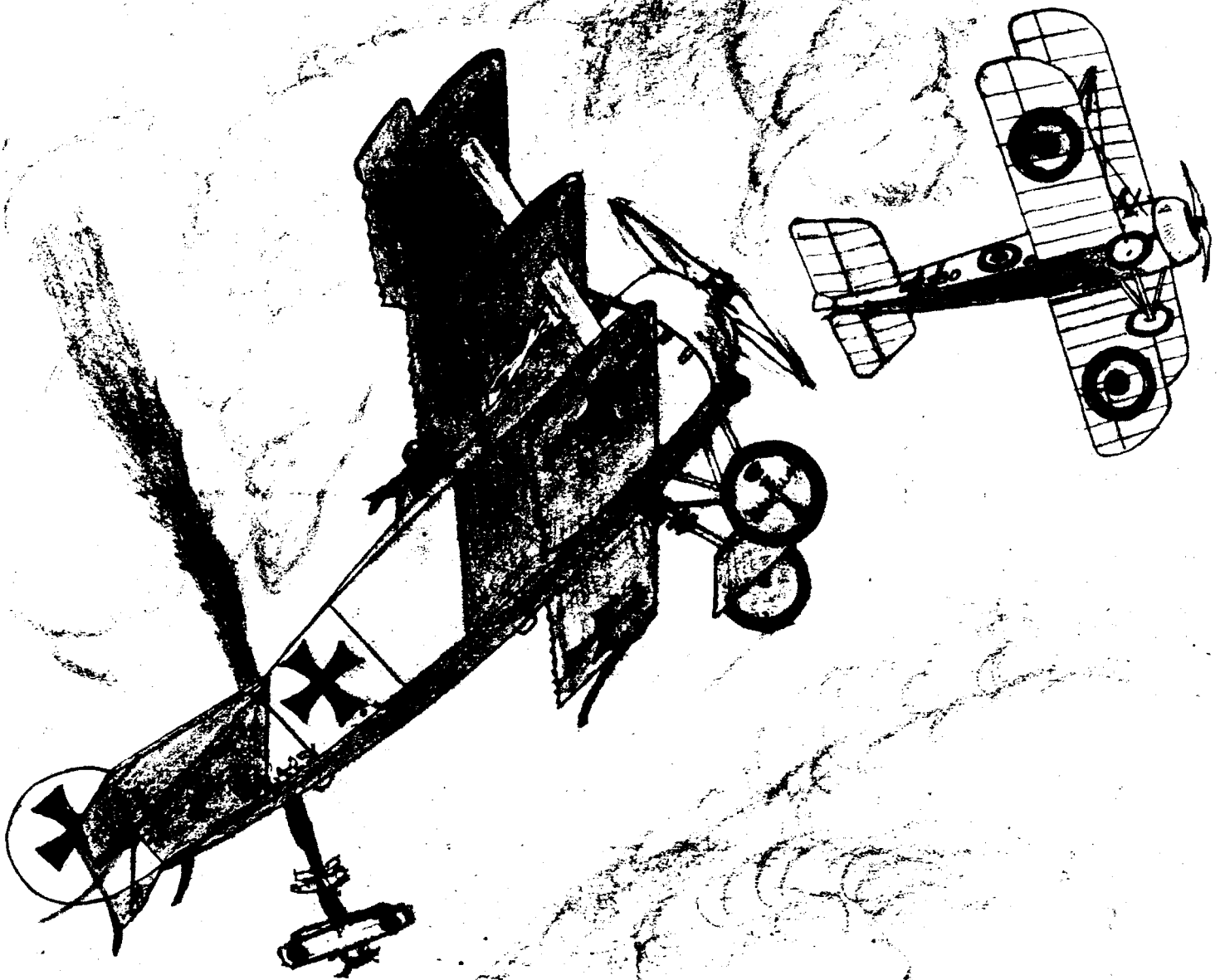


FLYING ACES

ISSUE #128-54 July/Aug. 1989

Club News



2.

NEWS ON THE WING!

The cover on the newsletter was done by GHQ's own draftsman, Joe Barna. It depicts some hot action over the Somme' during the "Big Fuss" of WWI. Nice job , Joe!

In this issue you will find at last, the up-dated "Kanone" list. Some of you Skysters will probably say, "I should have more wins!", well, maybe so. But I assure you that it is not the fault of GHQ! Speak to your contest directors, they are the ones to blame. Some of them will just not send in the contest results. Even after we write to them and ask for the results we cannot get them! Why not CD's? You are cheating your contestants!

Nothing new to report on the FAC Nats Mark VII as yet. We do have the field at the National Warplane Museum as we reported in the last issue and the dates will be July 13-14-15, 1990. Right now we are waiting for the University to give us the prices on lodging. Once we get that we will have all the info for you. Don't hesitate too long in getting those models started, the time will come before you know it. Get busy! We will have the FAC rules next issue.

We have also been invited to participate in the National Free Flight Society's Outdoor Champs again next year. We have happily agreed to be there. The tentative dates for this big contest is October 1-5. More on this one later.

Once again we have the honor of inducting three new members into the "Order of the Pour leMerite" or the "Blue Max", They Are Ed Heyn, Dave Niedzielski, and Andy MacIsaac. Ed Heyn flies with the gang up in New England while Dave (don't have enough room to print his name more than once) flies with the GHQ Squadron. Unfortunately we have to award Andy MacIsaac's Blue Max posthumously. His Blue Max will be presented to his wife Barbara by the Detroitien Geschwader which Andy was a big part of. Hats Off to these "Warriors of the Skys"!

Lt. Col. Lin Reichel, CinC-FAC

FOR SALE

Two Mattel Vacuum machines for sale, \$50.00 each, both work. Mike Repko, Box 644, Vienna, Ohio 44473.

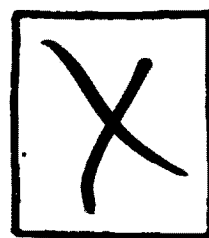
Nylon Screws, filister head, 2-56X $\frac{1}{2}$, 25 for \$1.00 and S.A.S.E. (45¢ post.) Plenny Bates, 2505 White Eagle Trail SE, Cedar Rapids, Ia. 52403.

WANTED

1959 Monogram plastic Wright Cyclone 9 cylinder radial aircraft engine, One inch to the foot scale. Kit number was probably PE52-198. Willing to trade a Monogram Phantom Mustang transparent working model. Also a lot of rubber power kits for trade. Chester Kowalik, 4727 Stanley Ave., Warren, Mi. 48092.

If the box on the right has an "X" in it, it is time to renew your subscription. Cost is NINE DOLLARS per year in the United States and Canada. Overseas cost is TWELVE DOLLARS. Six issues, published every other month. This is your last issue under your old subscription. Send to;

FLYING ACES NEWS
3301 Cindy Lane
Erie, Pa. 16506



KANONE LIST OCT. 1989

3.

Many promotions to record this time around, Skysters! Also new flyers to add to the distinguished record! Remember, CD's, be sure to send contest results to GHQ for tabulation. Here we go.....

	<u>VICTORIES</u>	<u>RANK</u>	<u>VICTORIES</u>
<u>Air Marshal</u>		<u>Lt. Colonel (cont'd)</u>	
Gordon Roberts	215	Royall Moore	17
Don Srull	95	Clarence Mather	17
Dennis Norman	81	Bill Hannan	16
Jack McGillivray	76	Ed Heyn	16
Dave Stott	58	Andy MacIsaac	16
George Meyers, III	57	Henry Struck	15
Dave Rees	56	Fred Wunsche	15
		Larry Loucka	15
<u>Air Vice-Marshal</u>		<u>Major</u>	
Mike Midkiff	47	Tom Nallen, Sr.	14
Mark Fineman	47	Charles Schobloher	14
Russ Brown	45	Tom Schmitt	14
<u>General</u>		Dave Smith (S.C.)	14
Chet Bukowski	44	Ted Langley	13
Vic Peres	44	Del Balunek	13
Ken Groves	44	Mickey Nallen	13
Dan Briehl	43	Paul Spreiregen	13
Allan Schanzle	42	Em Elwell	13
<u>Lt. General</u>		Walt Eggert, Sr.	13
Mike Zand	36	Don Steeb	12
Ross Mayo	35	Bob Leishman	12
<u>Major General</u>		Rolfe Gregory	12
Goland Hoot	31	John Blair	12
Jim Miller	30	Vance Gilbert	12
<u>Brigadier General</u>		Kevin Sharbonda	11
Dean McGinnes	27	Ted Russell	11
Dick Howard	26	Paul Helman	11
"Padre" Bill Anderson	26	Phil Barlow	11
Paul Stott	26	<u>Captain</u>	
Ralph Kuenz	25	Butch Hadland	9
John Stott	25	Frank Scott	9
Al Lawton	25	Mike Welshans	9
Randy Klienert	25	Tom Nallen, Jr.	9
<u>Colonel</u>		Bob Siedentopf	9
Doc Martin	24	Doug Buchanan	8
John Marett	23	Bill Warner	8
Phil Cox	23	Henry O'Dwyer	8
Dave Smith (Ariz.)	23	S. Van Dorn	8
Jack Moses	23	Dave Aronstein	7
Dave Niedzielski	21	Ed. Pelatowski	7
Pres Bruning	21	Don Assel	7
Dan McDonald	21	Chris Scott	7
Fred Ewing	20	Tom O'Brien	7
George Leffler	20	Henry Frautschy	7
Bob Thompson	20	John Houck	7
<u>Lt. Colonel</u>		Chris Brownhill	6
Pat Daily	19	Fudo Takagi	6
Lin Reichel	19	Joe Whiting	6
Bob Clemens	18	Bill Miller	6
Jack Fike	18	Todd Allen	6
Rudy Kluiber	18	Dudley Prisel	6
		Robert Zand	6

<u>4. RANK</u>	<u>VICTORIES</u>
<u>Captain (cont'd)</u>	
Mark Schnieder	6
Bob Bender	6
Bill Passarelli	6
Don Slusarczyk	6
Dan Driscoll	6
Stu Weckerly	6
Jim Hyka	5
Herb Shirley	5
Mark Drela	5
Charles Sotich	5
Bruce Price	5
Paul Boyanowski	5
Al DeCook	5
Don DeLoach	5
Joe Hurdle	5

<u>Lieutenant</u>	
Charles Steed	4
C. Sanford	4
Warren Weisenbach	4
Ed Novak	4
L. Garber	4
Gary Hunter	4
Herb Redding	4
Walt Eggert, Jr.	4
Claude Powell	4
Andy Medovitch	4
Mike Escalante	4
Gerry Skranjc	4
Dick Dunmire	4
John Tudor	4
Tom Odom	3
Henry Orzech	3
Walt Mooney	3
Tom Sandor	3
Jeff Briehl	3
Bud Carson	3
Les Byrd	3
Walt Van Gorder	3
Mike Peres	3
Joe Barna	3
George Armstead	3
Duncan McBride	3
Charles Slusarczyk	3
Richard Miller	3
Zack Dock	3
Steve Bacom	3
Dave Linstrum	3
Millard Wells	3
Tom Nied	3
Eric Anderson	3
Nick Ropar	3

Promoted to Captain; Jim Hyka, Henry Frautschy, Bob Leishman, Dave Aronsein, Doug Buchanan, Chris Brownhill, Paul Helman, Bob Seidentopf.

GOOD SHOW, ALL!!!

FAC Adjutant Vic Didelot

<u>RANK</u>
<u>Lieutenant (cont'd)</u>
With two victories each; J. Wagner, R. McEntee, Mahlon Hirsch, E. Haakonsen, G. Reicker, Bob Russell, B. Phillips, J. Scott, J. Reichel, Ted Wales, Har Thomasian, Bill Caldwell, Ed Marcel C. Conover, Ferril Papic, Bill Muson, J.E. Pederson, Leon Bennett, S. Paisley, Bill Mitchell, Geo. Lewis, Neil Hudson, R. Allen, R. Timmons, Louis Leifer, Les Barber, Jack Humphries, Mark Houck, Earl Schick, Don Brimmer, Tom Hughston, Cy Hanzeley, Doug Hannay, Vic Cox, Carl Loehle, Jason Webb, R. Factor.
With single victories; Dave Leah, Don DeCook, F. Rowsome, J. Mankowski, Dave Livesay, Jim Whiteman, Earl Eckerson, C. Roth, Ed DeLoach, J. Lang, Bill Staley, C. Shepard, Tim Bucher, D. Shaw, Dot Odom, Mike Fedor, Larry Kruse, Dave Zand, B. Satterwaite, Henry Komp, Al Flesher, Ted Dock, Ralph Hudson, Pearl Buchanan, Mike Nassise, Tex Baird, Bob Peck, Bill Stroman, Bob Haigh, Les King, Jerry Donohue, Bob Haight, Lad Plachy, Mike Seidentopf, Priscilla Betz, Dick Kohfield, Greg Davis, Bill Bell, Bill Reynolds, Ron Sears, Carl Schueler, Chris Rubrich, Doug Barber, Terry Gumm, Rick Midkiff, Mike Moscow, Greg Meyer, Harvey Hopkins, Rich Hensel, Don Liley, Reg Batterson, Tom Yanosky, Mike Thompson.

Promotions

To Air Marshal; Geo. Meyers, III, Jack McGillivray.

To Air Vice Marshall; Mark Fineman, Russ Brown.

To Lt. General; Vic Peres, Ken Groves.

To Major General; Allan Schanzle, Mike Zand, Dave Rees, Ross Mayo.

To Brigadier General; Dick Howard, Roland Hoot.

To Colonel; Jim Miller, Pres Bruning, Jack Moses, Dave Smith (Az), Bob Thompson, Dave Niedzielski.

To Lt. Colonel; Al Lawton, "Padre" Bill Anderson, Pat Daily, Randy Kleinert, Ed Heyn, George Leffler.

To Major; Em Elwell, Dan McDonald, Tom Schmitt, Rolfe Gregory, Don Steeb, Paul Spreiregen, Kevin Sharbonda, Larry Loucka, John Marett, Phil Cox, John Blair, Andy MacIsaac, Vance Gilbert, Phil Barlow, Dave Smith (So.C.)

by
DICK HOWARD

If you have a "Moto-Tool" or similar hand grinder, duplicate balsa wheels from $\frac{1}{4}$ to 3 inches in diameter, can be turned out with this simple jig, using a single edge razor blade as a cutting tool.

The handle should be made of hard wood (maple preferred for longevity). Most any wood can be used if only a few wheels are to be made.

A piece of $\frac{3}{4}$ X $\frac{3}{4}$ X 6" is a good size, although, as you'll see these dimensions are not critical.

Draw a line down the center of one side. This will be the top. Now drill a $\frac{1}{8}$ " hole $1 \frac{3}{4}$ " from one end with the line as the center.

Next, using a razor saw blade, cut a slot down the line to the hole. Now clamp, or hold a single edge razor blade (back removed) to the side of the tool, sharp edge up, and one end even with the outside of the hole. The sharp edge should be $\frac{3}{16}$ " above the top surface. Make a pencil mark in the deep notches of the blade to locate holes for the clamping bolts (see side view drawing).

Now drill holes where marked using a #33 drill bit for 4-36 bolts, or a #39 drill for 3-48 bolts. Put a bolt through the hole nearest the $\frac{1}{8}$ " pilot hole, and insert the razor blade in the slot (saw cut) so that the deepest slot on the end of the blade hooks over the bolt, then align the slot on the other end with the hole and put in the remaining bolt.

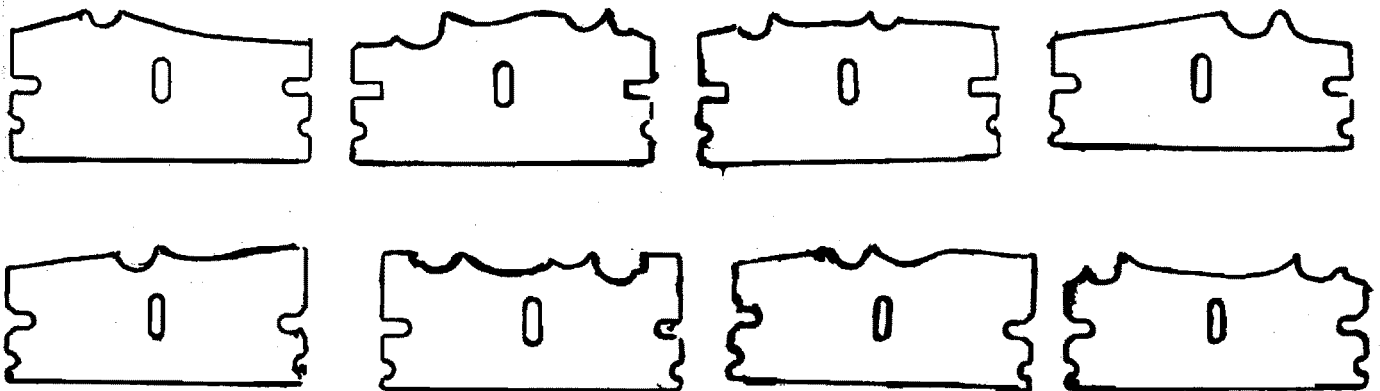
A $\frac{1}{8}$ " drill should rotate freely in the pilot hole, with the razor blade up to the shank.

It's now time to grind the contour of the blade to achieve the desired wheel size and shape. The one shown is only an example.

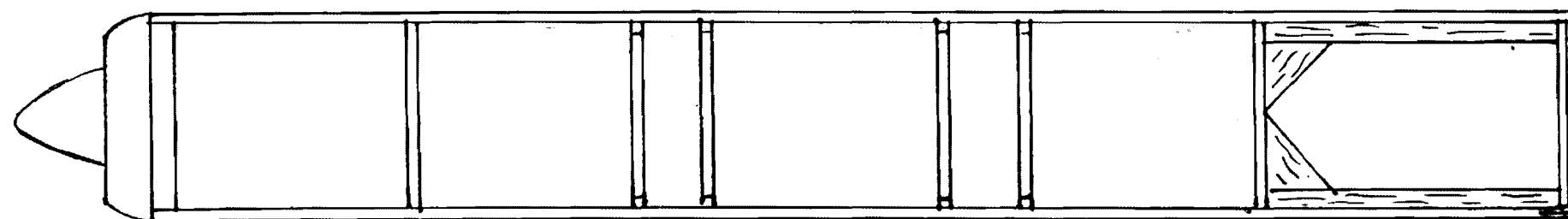
To make the wheels, blanks are drilled $\frac{1}{8}$ " and glued to $1\frac{1}{2}$ " lengths of $\frac{1}{8}$ " dowel. For wheels that are large, or ones that will take a beating, I'd suggest a core of $\frac{1}{64}$ " or $\frac{1}{32}$ " ply with balsa sides. Smaller wheels use just cross grained balsa.

Chuck one end of the dowell in the "Moto-Tool", and the other end in the pilot hole of the jig and using medium speed, and light pressure, push the rotating blank into the blade. To shape the other side reverse the blank in the chuck and repeat. Cut off the protruding end of the dowell, and drill the axle hole by pressing the drill bit into the rotating dowell.

I might add, be careful and wear safety glasses, because once in a while things do break loose.



BLADE SHAPES



SOFT BALSA RIB
CONTOUR PIECES

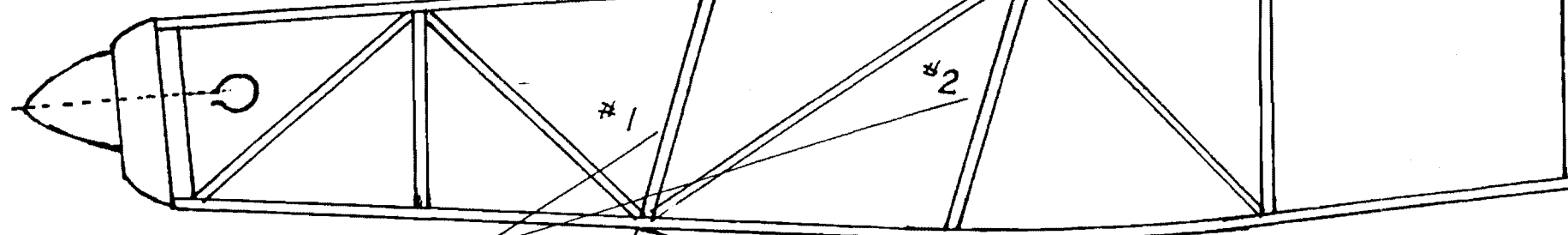
WING MOUNT RAILS 1/16 DOWELS

7" PLASTIC
PROP

2 1/2°
POS. INCIDENCE

2 LOOPS 3/32 27"

CABANES
1/8 X 1/16



DOUBLER POSITIONS

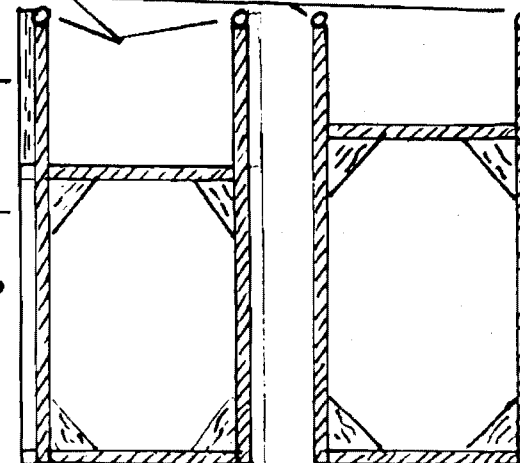
FUSELAGE DOUBLERS

WING MOUNT RAILS
1/16 DOWEL

CABANE
STRUTS

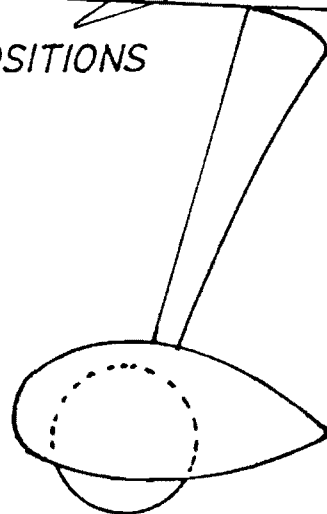
FUSELAGE
SIDE

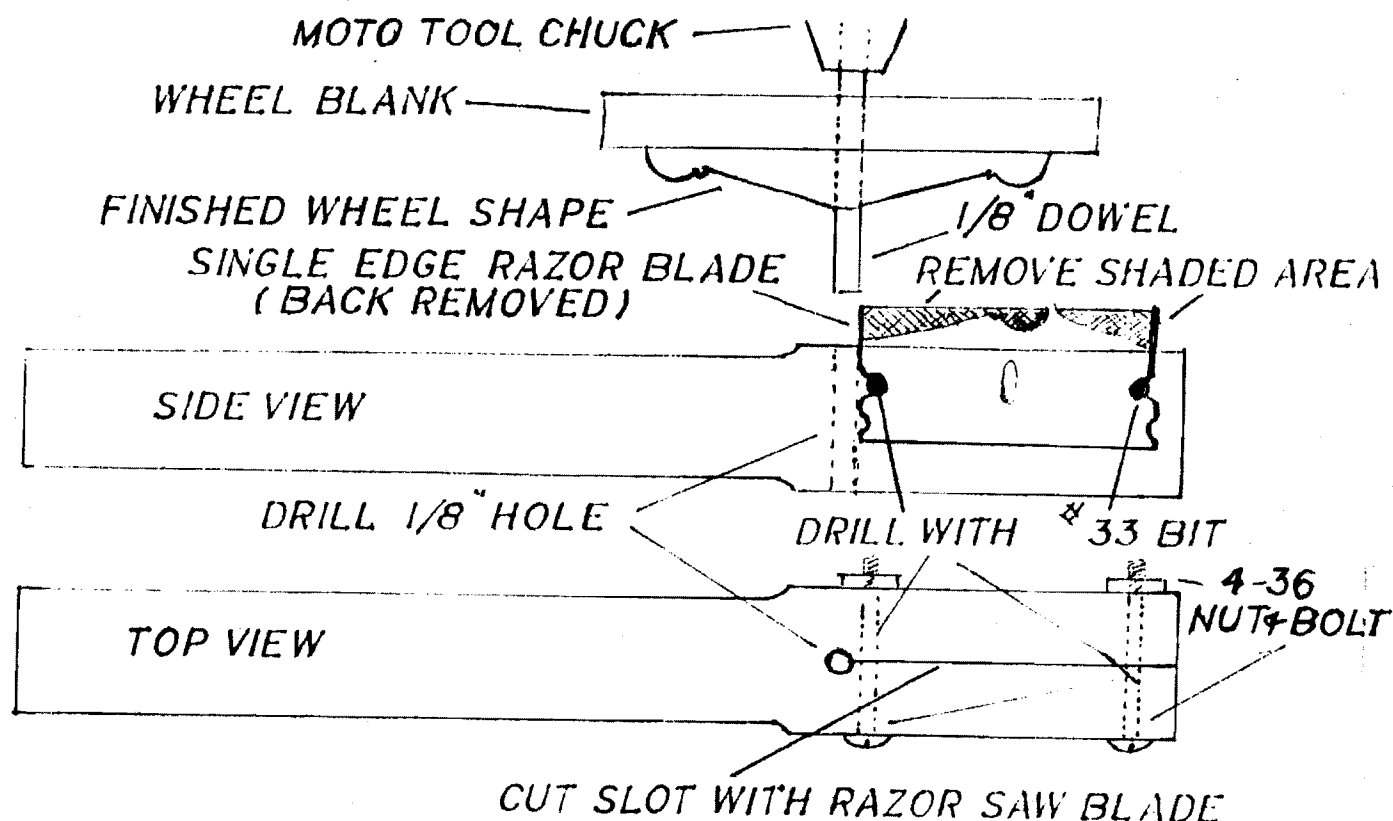
SHOWN FOR
CONSTRUCT.
DETAIL ONLY



DOUBLERS SHOWN HATCHED

"WITCHCRAFT"
EMBRYO
BY
DICK HOWARD





Peanut & No-Cal Scale Postal Meet

It's Postal Contest time again Skysters! Get your NO-Cal and Peanut models ready. The contest starts on Oct. 29, 1989 and ends on April 29, 1990. Entries postmarked after April 30, 1990 will not be accepted.

As in previous contests we will have four events or Wings Which are; Indoor Peanut, Indoor No-Cal, Outdoor Peanut and Outdoor No-Cal. Everytime you fly your model send in the time, the name of the model, the date, the Wing you flew in and your name.

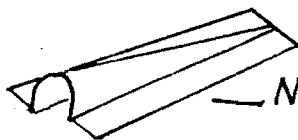
Enter as many times as you wish, with as many models as you wish. Every time you better a score send it in.

This contest is open to all FAC members everywhere. If you fly in a contest then that time will also be recognized. Winners get another "notch" on the "Kanone" list as well. We will also have plan prizes for the winners. Let's go Clubsters, get in on the action! BUILD...FLY...WIN!!! EFF--AAA--CEEEE!!!!

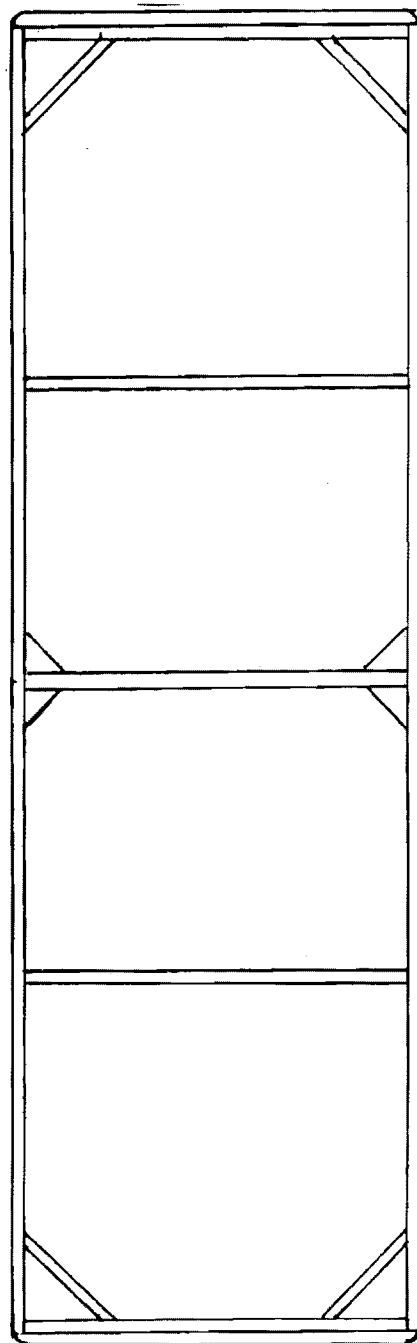
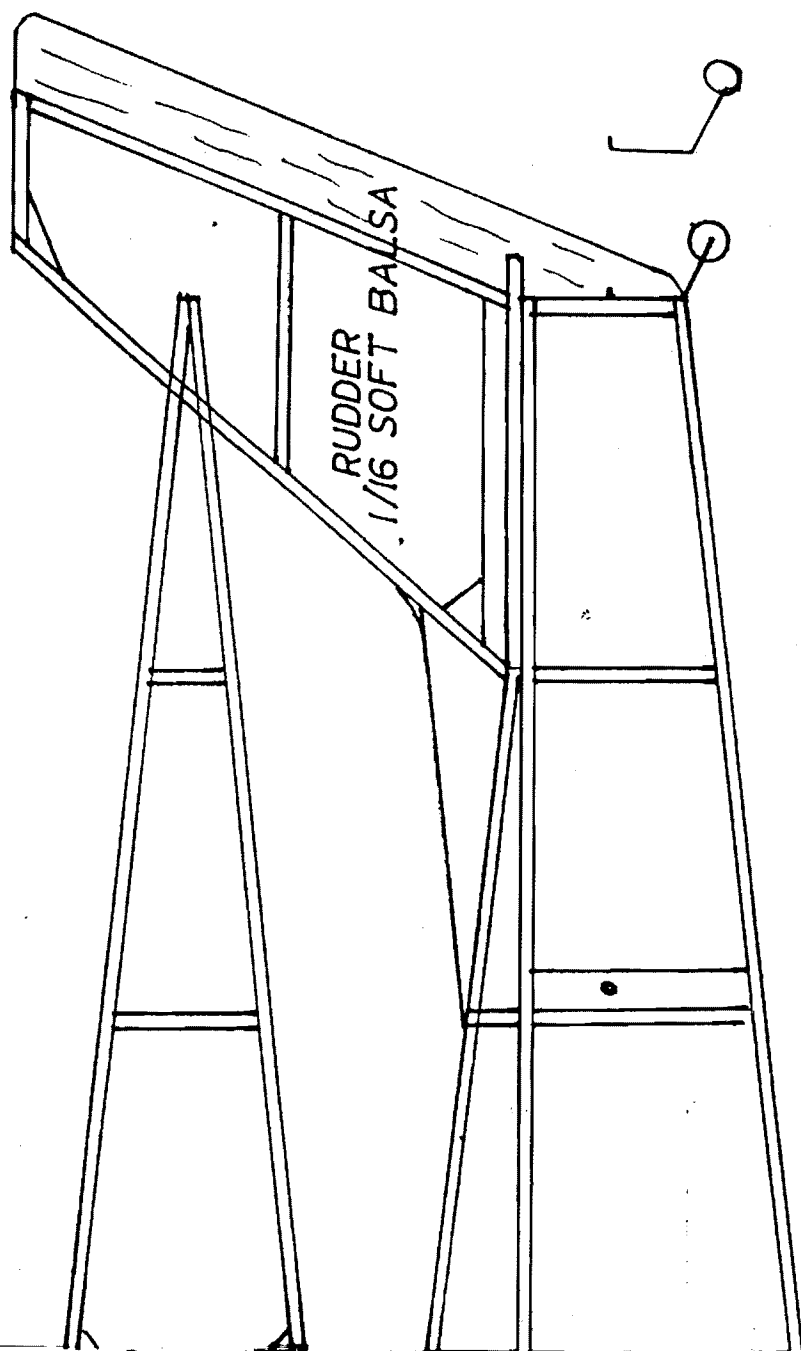


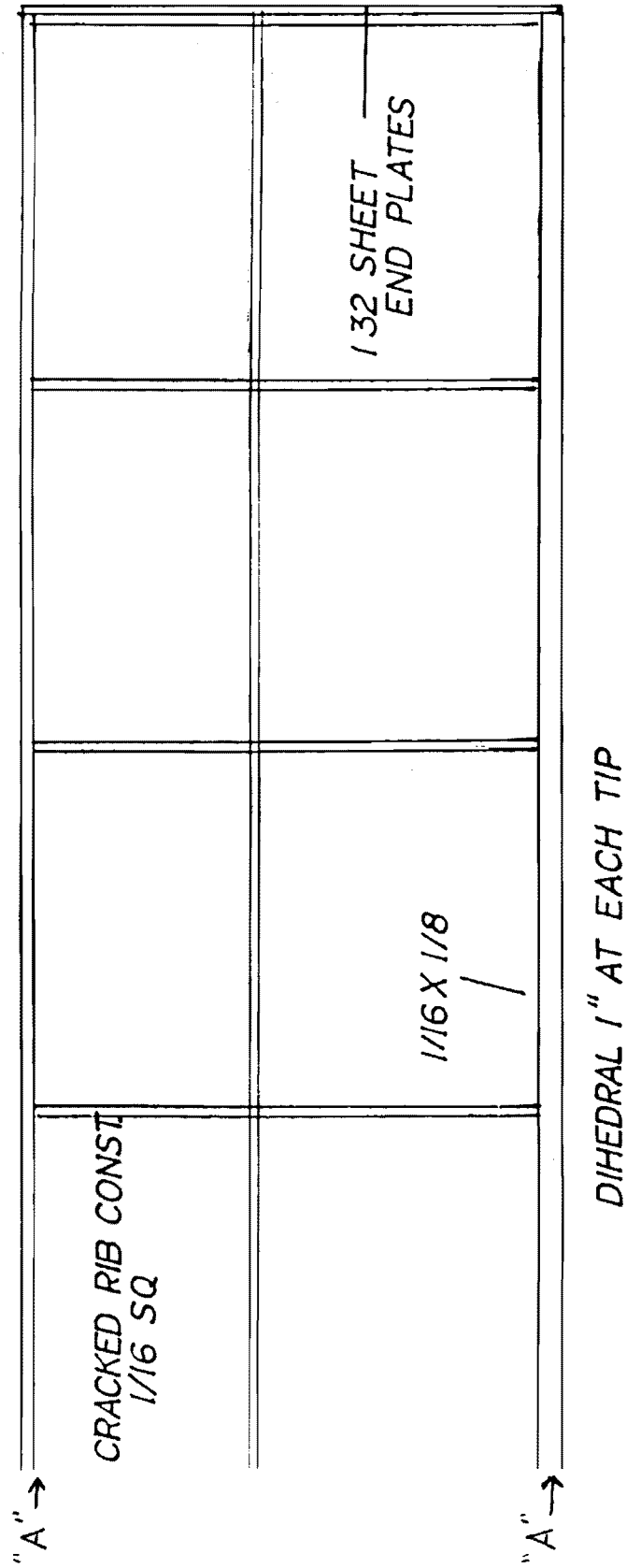
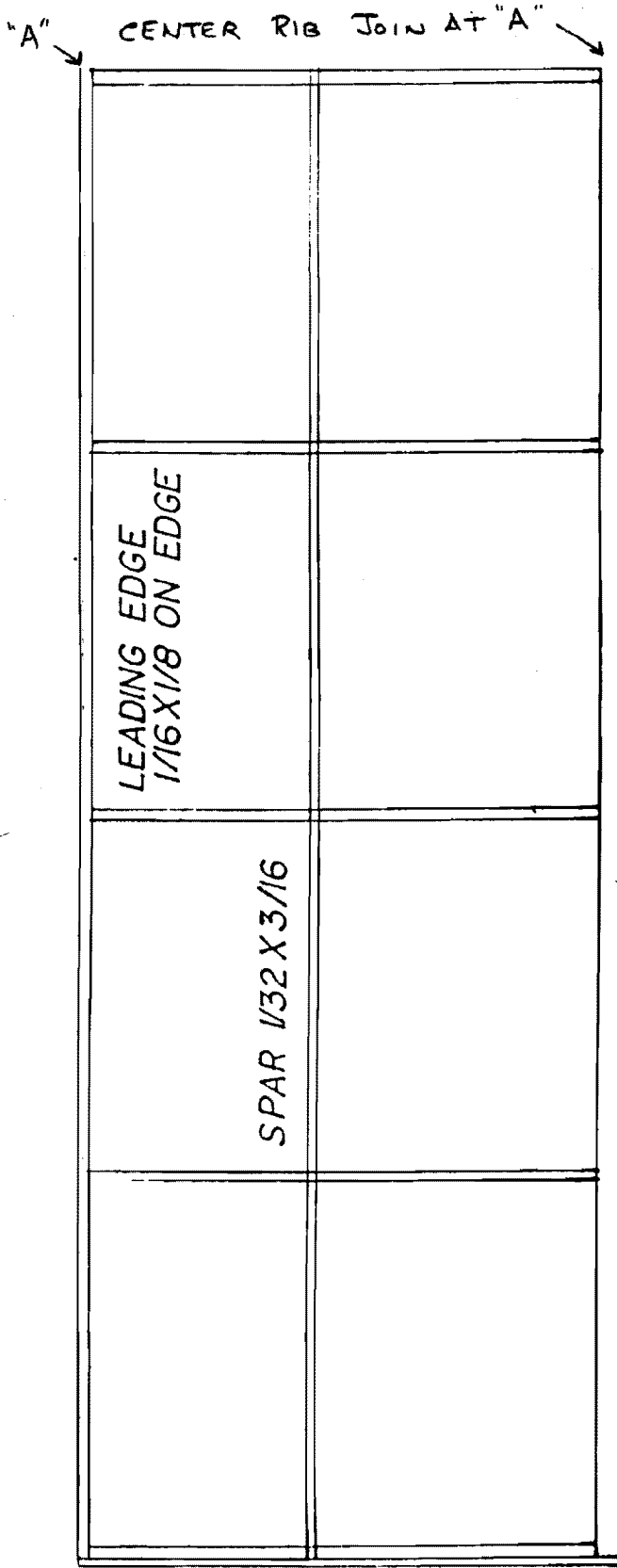
18.

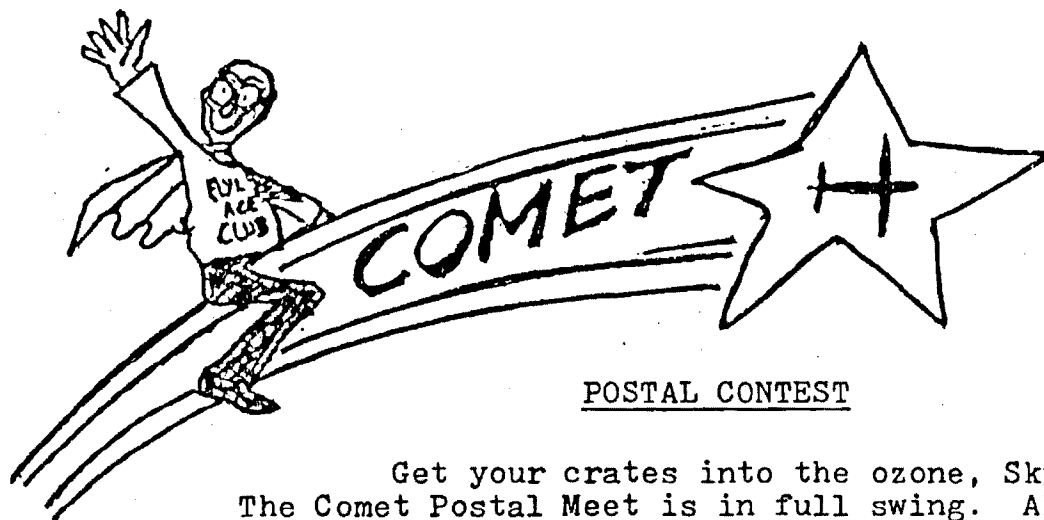
HEADREST OR TAIL CONE
BOND PAPER



NOT TO SCALE







POSTAL CONTEST

Get your crates into the ozone, Skysters. The Comet Postal Meet is in full swing. All you have to do to enter is fly your Comet rubber powered scale model. Send the times, your name and the name of the model to GHQ. Enter as many times as you wish with as many models as you wish. everytime you better a time with a given model, send that time in. Also include the date of your flight on all entries. Models must be built from a current Comet kit or from an old time Comet plan.

Contest flight times will also be accepted. Plan prizes as well as an entry on the "Kanone" list will go to the winner. The contest will end on October 29, 1989. All entries must be postmarked no later than Oct. 30, '89.

BUILD--FLY--WIN---EFF--AAAA--CEEEEE!!!!

Results to date;

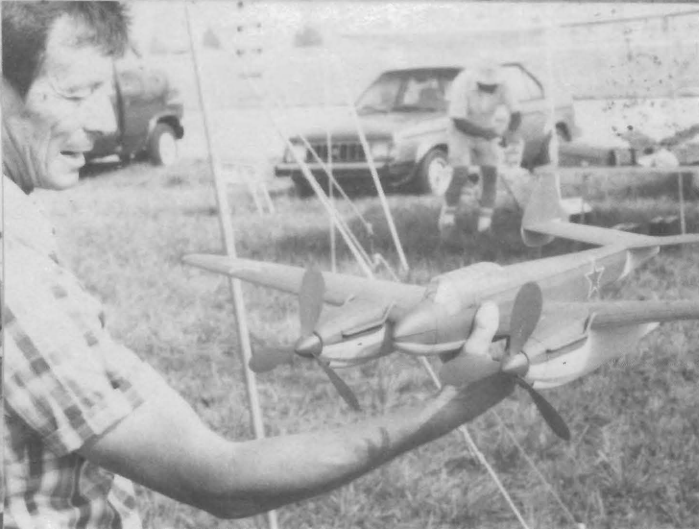
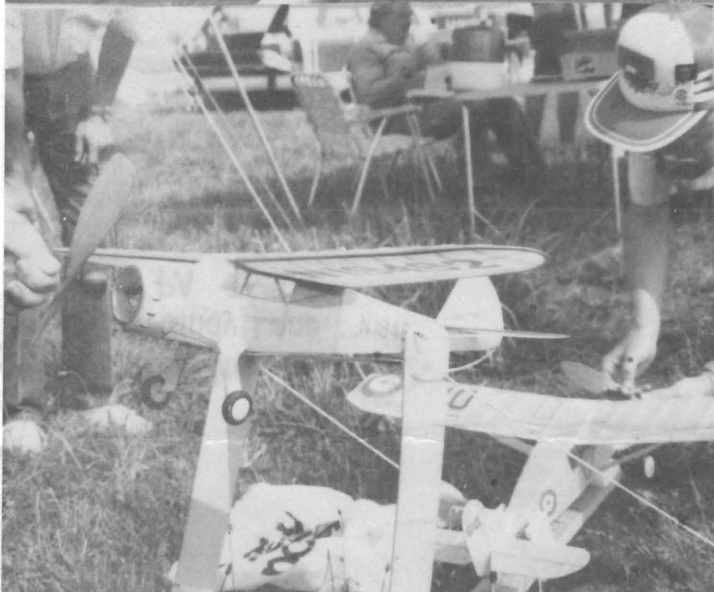
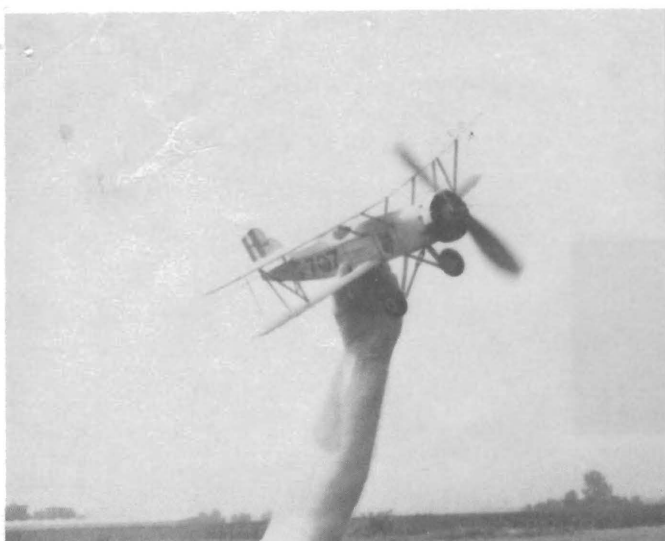
<u>PILOT</u>	<u>PLANE</u>	<u>TIME</u>
1. Tom Nallen, Jr.	DH Tiger Moth	277 sec.
2. Tom Nallen, Sr.	Corben Super Ace	166 "
3. Dave Stott	Harlow (O.O.S.)	148 "
4. Eric Anderson	Stinson Reliant	103 "
5. Dan Briehl	Taylorcraft	102 "
6. Don DeCook	Taylorcraft	84 "
7. Stu Weckerly	Cessna	75 "
8. Dave Niedzielski	Ercoupe	56 "
9. Gordon Roberts	Piper Cub	53 "
10. Paul Helman	Corben Super Ace	47 "
11. Jack Tisinai	Rearwin Speedster	44 "

No new entries since last listing, but some new times.

BACK ISSUES

We have several back issues (assorted) available. If you are missing some or if you are a new member, they are available at a cost of \$1.50 each Ppd. Some issues are in short supply (one or two copies left) so get your order in early, first come, first serve! Send to FAC GHQ, 3301 Cindy Lane, Erie, Pa. 16506. Following is a list of issues in stock.

<u>issue #</u>							
100-26		103-29	104-30		106-32	109-35	
110-36	112-38	113-39	115-41	116-42	117-43	118-44	119-45
120-46	121-47	122-48	123-49	124-50	125-51	126-52	



Left column, top to bottom, Curtiss OC-2 by Ralph Kuenz, Jack McGillivray's Great flying Cessna and Art Doten's Bellanca Columbia, both Jumbos. Vic Didelot scrutinizing Jim Miller's Voisin while Jim watches. Right column, top to bottom, Great flying Corben Super Ace in Jumbo Scale by Don DeLoach, Another shot of Paul Boyanowski and his Albatross Doppledecker, a real brain scrambler with all that rigging! Beautiful Yak 4 by Bob Seidentopf.

Photos by Lin Reichel at Lawrenceville, Ill. NFFS Outdoor Champs.