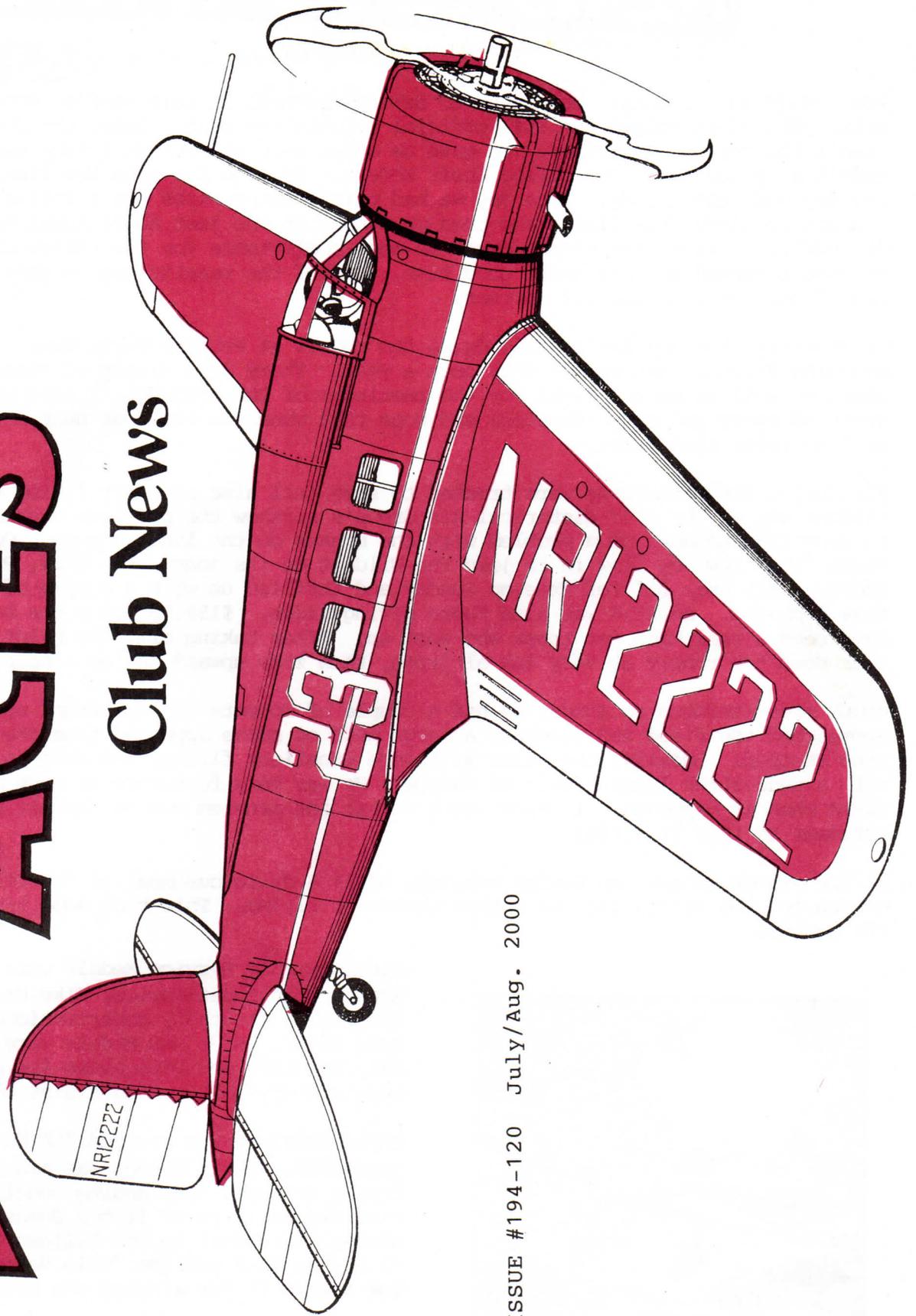


FLYING ACES

Club News



ISSUE #194-120 July/Aug. 2000

2. NEWS ON THE WING!

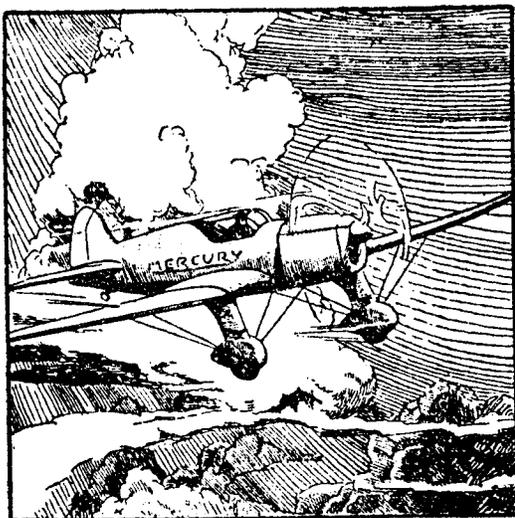
WOW! What an FAC-Nats! We shattered several records at this year's contest. 191 contestants, 269 models judged and 1549 official flights recorded! Hung, the Great God of Thermals, wasn't too hard on us either. He gave us a few rain showers on Friday morning, although it didn't stop too many from flying their models. By noon the rain had finished and the rest of the day was just cloudy. Saturday we had partly sunny skies but a little breezy, but not to a point to hinder the flying and then on Sunday it was just about ideal weather for our type of modeling. Plus, the temperature was most comfortable for the entire affair. All of the attendees seemed to have had a good time. All of the results are in this issue and they have been double checked and are correct.

On Thursday, the day for scale judging the models at Peter's Party Complex, we had a great time greeting friends that we see only once a year. There were plenty of vendors in attendance there as well as on the field for the remainder of the contest. I have provided a list of event sponsors and prize donators and hope that when you buy your next kit or supplies you will remember them first.

All during the weekend we were treated to some full size aircraft flying about. A Grumman Wildcat was at the 1941 Historical Air Group's airshow the previous weekend and was delayed in departing because of a problem with the brakes on the landing gear. On Wednesday, a Japanese "Val" replica flew in to join the Wildcat on its journey to Erie, Pa. for an airshow there. They took off for Erie on Sunday and thrilled us with a couple of "fly-overs" before they departed. An AT-6 was also there giving rides. \$150.00 for a one-half hour ride. Must have been a real kick for those who went up. After taking off, the pilot would come back and roar down the runway at very low altitude, then zoom upward and do a couple of barrel-rolls!

About mid-afternoon on Sunday we had a couple of moments of excitement as an RV-8 aircraft approached the field and suddenly a large puff of smoke appeared from the plane and the engine stopped! Luckily, the pilot with some excellent flying, was able to land the aircraft with a dead-stick landing with no damage. He was very fortunate to have been near the airfield when it happened. I later learned that the problem was in the oil pump. Lots of excitement at this BIG BASH!

At the awards banquet on Sunday evening, after a delicious meal of "stuffed porkchops", we handed out the awards for the entire weekend's flying. This took some time as we gave out 174 awards.



"I'm going to open 'er wide now."

Distinguished Service Medals were presented to Larry Kruse, Fran Ptaszkiewicz, Mike Midkiff and Charlie Schobloher for their contributions to the "Flying Aces Club". Blue Max Medals were given to Ed Pelatowski, Don Lang and Pete Azure for attaining the sixteen victory mark. Congratulations to all!

Chris Starleaf was crowned "GRAND CHAMPION" for the year 2000. Chris Parent was awarded the "Earl Stahl" trophy for most outstanding model that made an official flight (Ryan ST from a Dumas kit), the "Walt Mooney award" went to Tom Hallman for his peanut model of the DH-2 and the "Cole Palen" trophy went to Tom Nallen II for winning the World War One event.

The "Cheetwell Cup", presented for the biggest "GOOF-UP" of the contest (this award is meant to be a fun-thing) went to Hal Lorimer who put up a couple of max

flights in Old Time Rubber and then was told he had used a folding prop which is illegal under FAC rules. Undaunted, Hal then proceeded to max again after he altered the prop to not fold.

The "Achievement" award went to Bob Bojanowski for his 10 foot span Ford Tri-motor. This one has to be seen to be believed! All three engines powered by a combined one pound of rubber! Although Bob couldn't get very much time on his flight it was never the less quite a sight to see. We haven't seen the last of this big bird!

The "Flying Aces Hall of Fame" inducted 6 new members. These people have given their time and energy above and beyond the call of duty to the FAC. We are honored to have them in the "FAC Hall of Fame". They are Vic Didelot, Russ Brown, Juanita Reichel, Bob Rogers, Tom Nallen, Senior and Joe Fitzgibbon (posthumously).

Thanks to all who came to the FAC-Nats and made it the success that it was. Nate Sturman came all the way from Japan and we had nine people come from England. GREAT FUN!

A special thanks to the following people who I couldn't do without and I hope I haven't left out anyone, If I did you have my utmost apology.

SCALE JUDGES

TENT CREW

Jack Moses
Chuck Schobloher
Paul Boyanowski
Vic Didelot
Joe Deppe

Fred Wunsche
Stu Weckerly
Ralph Kuenz
Russ Brown

Dave Niedzielski
Chris Niedzielski
Steve Niedzielski

Runners for the judges were; Pres Bruning, Dave Livesay, Don Lang, George Lewis and Dan Kane.

Registration of models for scale judging was done by Lynne Lewis and Janet Lang.

ADMINISTRATION TEAM

Juanita Reichel
Vic Didelot
Bob Blair

Diane Courtney
Roy Courtney

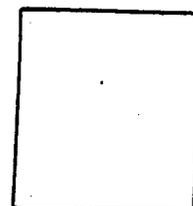
Cheryl White
Ross Mayo

and a special thanks to Elsie Miller

Last, but not least, thanks to Austin Wadsworth and the 1941 Historical Airgroup for the use of the airfield for the contest.

The cover art was once again done by Bob Bojanowski. This, the Lockheed Orion, is also the subject for this year's nats T-shirt. You can order your shirt from GHQ, see ad in this issue along with the ad for the souvener plan of the Orion. Thanks to all who contributed to this issue. The plans were by John Walker (Sperry Monoplane), Florent Baecke (Mauboussin Hempitere 40), Pres Bruning (Ayres Loadmaster), Paul Bradley (The Dreamer), Robert Sweitzer (Grumman Gaurdian), a Guillows oldtimer (Single Engine Transport) and a PB-6 Racek which we believe is a Koutny plan.

If the box on the right has the dreaded RED "X" in it, it is time to renew your membership which includes the newsletter. Cost is \$15.00 per year in the United States and Canada. Overseas the cost is \$20.00 per year. Six issues per year published every other month. This is your last issue under your old membership. Please make checks payable to "Flying Aces". Send to FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506.



4

The FAC OUTDOOR CHAMPS is on again! When the scarcity of motel rooms came up we decided to call it off for this year. But, because several of the Detroiten Geschwader had already had motel rooms they asked if they could take over the contest even if it just turned out to be a funfly. So after some phone calls by Ralph Kuenz to some various modelers who normally attend this contest at Muncie it turned out that they didn't care if they had to travel a few extra miles to get to the field, so the contest is back on and we hope that many of you will be in attendance. There is an entry form on the last page of the newsletter.

BUILD--FLY--WIN--EFF--AAA--CEEEE!!!!

Lin

Lt. Col. Lin Reichel-CinC-FAC

Scale Postal Meet

This summer's postal contest will have two events. Modern Civil Production and Comet Kit/Plan. Any size wingspan. Fly as many models as you wish. Every time you better a score with a particular model send it in. Contest times count, too. Send your entries to; FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506. The contest starts as you read this and will end on October 29, 2000. Entries postmarked after Oct. 31, 2000 will not be accepted.

BUILD--FLY--EFF--AAA--CEEE!!

COMET KIT/PLAN

<u>Pilot</u>	<u>Aircraft</u>	<u>Time</u>
1. Scot Dobberfuhl	Me-109	163 sec.
2. Frank Hirleman	Spartan Cabin	52 "
3. Steve McKeown	Curtiss P-40	39 "

MODERN CIVIL PRODUCTION

<u>Pilot</u>	<u>Aircraft</u>	<u>Time</u>
1. Scot Dobberfuhl	Piper Clipper	105 sec.
2. Frank Hirleman	Taylorcraft BC-12	45 "

LATEST FAC PLAN PACK

Five brand new, never before published plans by Tom Nallen. GREAT STUFF by one of modelings super designers and builders. Get yours for only \$15.00 postpaid from FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506.

Douglas A-1 Skyraider	19" span
Halton HAC-2 Minus	21 1/2" span
No. American P-51B Mustang	18 1/2" span
Hawker Hurrigan I	20" span
Gee Bee Model "E"	18 7/8" span

PLANS+ LIST NO. 13

Over 400 plans from the 1930's and 1940's. Mostly rubber powered but some gas and UC. Specializing in Earl Stahl plans. Send \$1.00 and a SASE business size envelope to,
CHARLES F. SCHULTZ
910 Broadfields Dr.
Louisville, KY 40207

WANTED:

Don Ross is in need of someone to build the sample model kits that manufacturers send him for review. If anyone would be interested in doing this contact Don at,

Don Ross, 38 Churchill Rd., Cresskill, N.J. 07626, e-mail flywords@aol.com

FOUND AT THE FAC-NATS

Glasses case with a pack of mono-filament line in it.

A pair of sunglsses with bi-focals.

A pair of sunglasses.

A pair of glasses.

A camera lense cover.

A key on keyholder.

A model wheel with red pant on it.

A WW-I type wheel with light blue wheel cover.

A very nice camera.

All of these items are here at GHQ. If you can identify them further we will get them to you. FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506 or phone (814) 833-0314.

FOR IMMEDIATE RELEASE!!

Precision Freewheeler FF1/0500
 For More Information Contact: Orville Olm
 GizmoGeezer Products: 306-955-1620
 www.gizmogeezer.com
 No Kill Date!

Master That Troublesome Free Wheeling Propellor and Win Kanones

... or just have fun admiring the great flights you will get when your Free Flight Rubber Model Aircraft is powered by a **Gizmo!**

For the modeler who demands the best technology, the **GizmoGeezer** brings you the thoroughly-tested, state-of-the-art and contest-proven **Gizmo Precision Freewheeler**. Although designed for P-30 and Rubber Scale, any model ranging in size from large Peanut Scale to small Old Time Rubber will definitely benefit from the **Gizmo's** unique features.

Injection molded from high strength nylon, this light weight, fully assembled **Front End** includes a high performance plastic prop and features an "automatic transmission". Don't braid long motors — because the transmission senses when the motor power is mostly used but still has some tension, and shifts the motor to "park", while at the same time shifting the prop to almost frictionless freewheel. No more out-of-trim glides!

Ugly shimmed nose blocks are a thing of the past when you use the convenient precision thrust line adjusting system. Power trimming was never so easy!

Silky smooth motor runs result from the new Sleeved Clevis which replaces the knot-climbing, troublesome prop-shaft hook. The removable Clevis allows "blast tube" winding and twist locks on to the Front End.

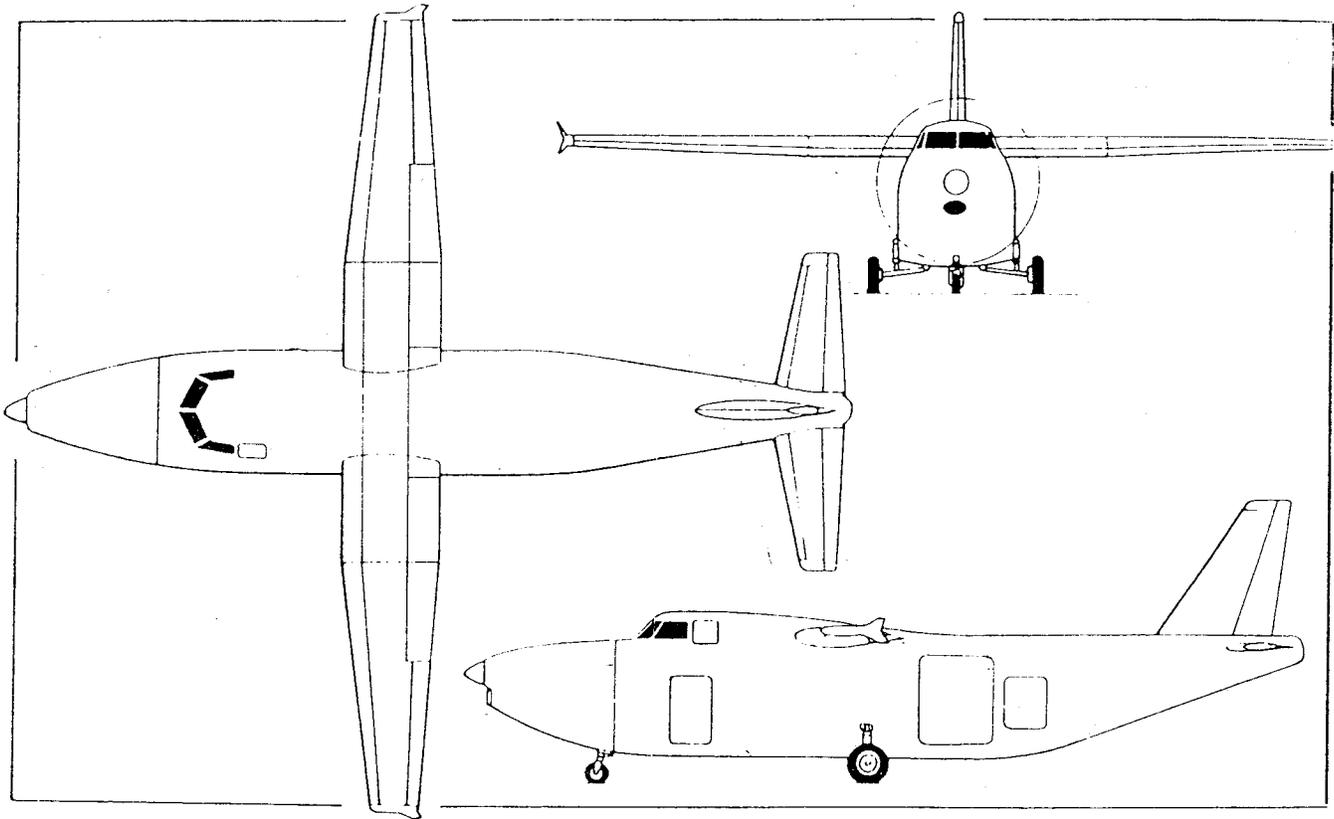
All this advanced technology is very compact and fits into a 3/8" (9.5mm) hole in your nose block. A very complete Users Manual and the many included Accessories will have you flying in minutes.

Why should only the Wakefield boys have all the nice stuff? Get your Free Flight Gizmo Precision Freewheeler with either an 8" (PFW-80) or a 9.5" (PFW-95) prop for only US \$9.95 plus \$2.50 postage.



GizmoGeezer

GizmoGeezer Products
 45 Kirk Crescent, Saskatoon, SK
 Canada S7H 3B1
 306-955-1620



Above: General arrangement drawing of the Ayres LM200 Loadmaster. (Mike Badrocke)

* * Spanwise Rubber Motors Revisited * *
Mumbo Jumbo #97 from the pen of the Glue Guru

Salutations, disciples! Today we shall contemplate some striking rubber motor info forwarded by reader Bruce M. Grayling of Australia.

Article #89 detailed the notion of wing tip-to-wing tip rubber motors as employed in pre-war Germany. The positive aspect was a lengthy motor, located at about the quarter chord point, lending itself to a forward center of gravity. Drawbacks included the need for bevel gears to "turn the corner" and drive a prop, the lack of depth to house a motor (limited to wing thickness) and the difficulty of stretch winding.

Grayling sent along a clipping from an old Aeromodeller (perhaps May 1947) in which spanwise rubber motors have been applied to a scale Wellington bomber. The aircraft was powered by twin radial engines mounted on a thick section, located at mid wing. The configuration lends itself to bevel gears, with one set placed in each of the faired engine housings and the rubber motors extending along the span, outboard of the engines. Photos, covered and uncovered, show a reasonable (light weight) design. Yet the designer claims only a "limited success"—code words for nice try, too bad, next!

What went wrong? Only hints are supplied. These suggest that removing the wing panels to insert and wind motors was tricky, and weakened the structure to the point where any bad landing led to major repairs. Then gear weight was disappointingly heavy and rubber weight too light, with motor strands limited by the relatively small wing thickness dimension. Finally stability itself was poor, with the designer pointing to boosted dihedral as villain. Ordinarily a positive factor, promoting stability, the designer felt that in this case dihedral acted to raise the C.G. owing to the rubber housed within the wing. Seeking a happy ending, the designer shrugged and pointed to flying wing configurations as perhaps better suited to spanwise motors.

What of these difficulties? The usual development headaches or true stoppers?

Raising the C.G. a bit shouldn't lead to problems. Much of the old model literature carrying a dread of low wings, i.e., portraying high C.G. as deadly, is nonsense. A lack of pendulum stability doesn't lead to a crash. Piper Cubs fly better because they have more wing area, and not because their wings are elevated above the C.G.

That said, spanwise motors do something else that does harm stability—they raise the mass moment of inertia in roll. The effect is to enhance any disturbance once started; to offset damping and to fight correction. In practical terms, once in a spiral dive, recovery is problematic. As it happens, the late series Wellington had an enormous vertical tail, perhaps well suited for rudder action at high altitude, but in model form a likely source of spiral dives. My guess is that the model was done in by the too generous vertical tail.

In the old days, the standard advice to designers was to increase the prototype's tail area—both horizontal and vertical. In the case of horizontal tails, doing so remains a useful ploy, increasing longitudinal stability. However, in the matter of vertical tails the likely result of a scaled vertical tale will be a spiral dive. As for increasing vertical tail area beyond scale—no!

Many real aircraft with large vertical tails are spirally unstable, the reasoning being that the divergence is slow enough to permit the pilot to take corrective action, without any real burden. In our case, there is no pilot and little corrective action—we must have small vertical tails.

Effective use of a spanwise motor requires the solution of many problems. Only fat wings, small vertical tails, and courageous designers need apply. As for me—no thanks.

WANTED: Holland Hornet .049-.051
Medallion. Mike Ransom,
701 N. Grand Ave., Okmulgee, Ok. 74447.

FOR IMMEDIATE RELEASE

For Further Information Contact:

Al Lidberg

aalmps@aol.com

480-839-8154

<http://members.aol.com/aalmps>

New Mini-XL Old Timer Kit, 1936 LANCER, for Free Flight and RC

Tempe, Arizona, July 23, 2000

A. A. Lidberg model plan service [AALmps] announces today that the new Lancer kits are in production. This kit is the second AALmps mini-XL to be fitted with a 3 channel rc [Hitec Focus III: rudder, elevator and throttle via ESC/BEC] for electric power. Scaled down to 30" wingspan, these models [#1: Skylark, #2 Lancer + 3 more drawn up as free flight types] are a convenient size and go together quickly. Mini-XL models could be described as 'park flyers', but they also offer soaring and thermal riding capabilities, as they can climb to about 300' altitude. Suggested power for RC is the VL HY 50B electric motor, with other electrics and large CO2 motors also being suitable. In addition, the Flying Aces Club [FAC] has an event called 'electric replica' for old timer free flight models, limited to 30" wingspan and AALmps plan/kit models have done well there. The Hi-Line Mini-6 electric motor is suggested for Free Flight.

The Lancer is supplied as a full kit that includes: crisp blackline plans from a CAD drawn original, full instructions including dethermalizer details for free flight, plywood and balsa printwood, sticks, wire, genuine Esaki Japanese tissue covering and a vacuumformed canopy. In addition, sources of supply for motors and rc equipment are listed. Price: \$30 postpaid in US and Canada, add \$5 for Europe or \$10 for Pacific Rim destinations.

These models [mini-XLs plus numerous other free flight old timers from AALmps] have made it possible for many modelers to see and experience the type of modeling popular many years ago without having to build old timer models at their full size, and at far less cost. In fact, one can build and store a dozen or more of these models in the space required for a single 7' or 8' span original old timer.

AALmps was founded by Al Lidberg about 12 years ago as a mail-order source for model plans. After 25 years of model building, Al had many construction articles published in the model magazines beginning in 1977 and wanted to expand this activity. Since then, many more plans and more recently, kits have been added to the list. The website <http://members.aol.com/aalmps>

offers pictures of all of the products. A printed copy of the illustrated catalog is available for \$2 postpaid, to anywhere. Kit/plan/catalog orders [with check or money order, payable in US funds - VISA and Mastercard accepted] should be sent to:

A. A. Lidberg model plan service

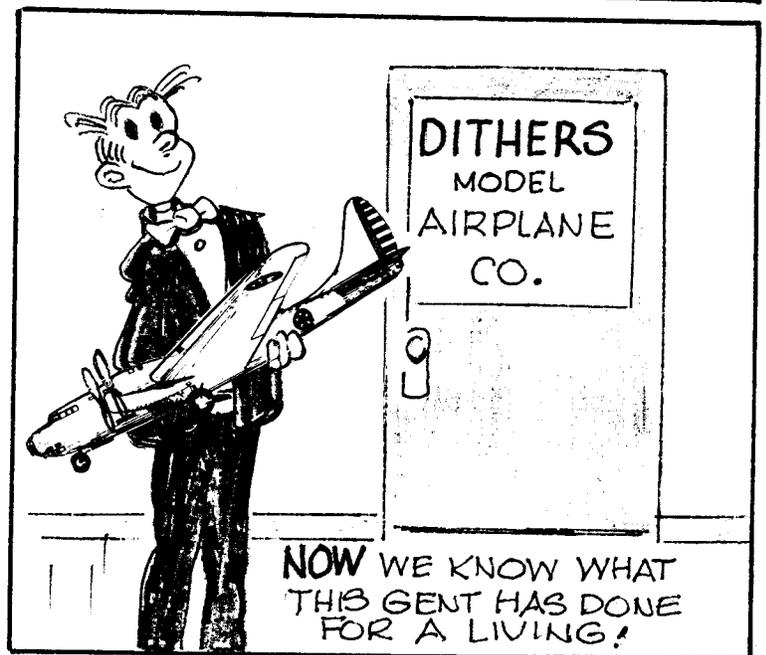
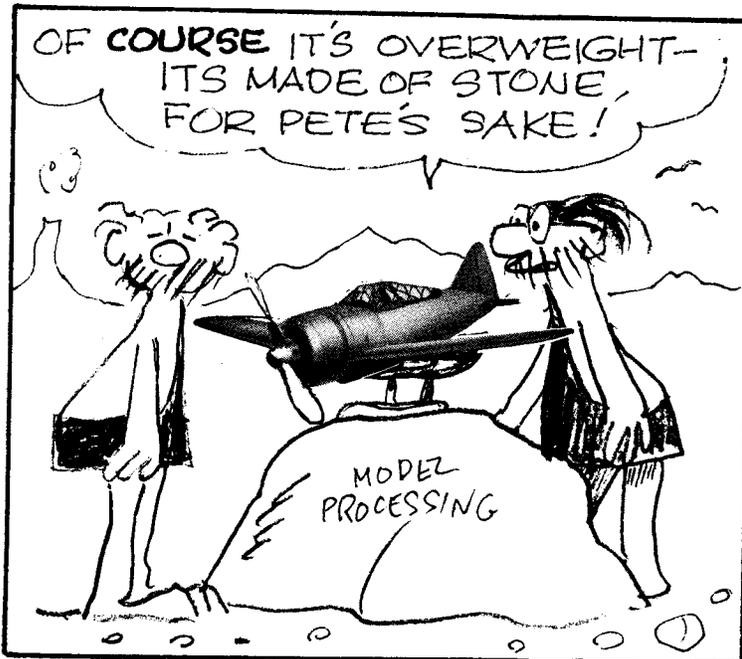
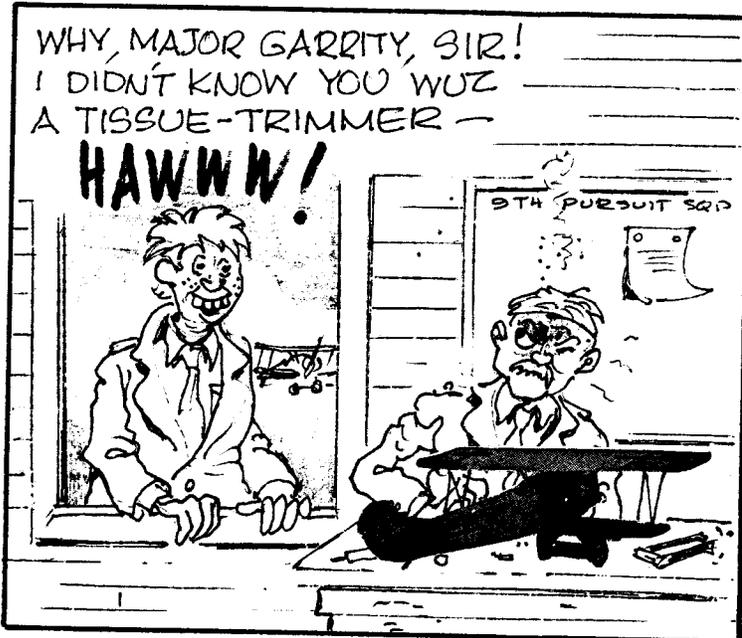
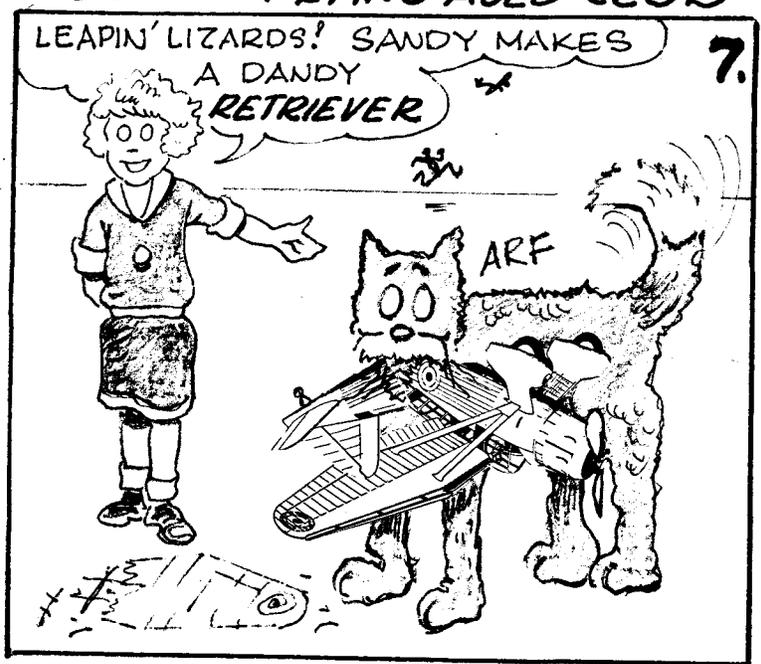
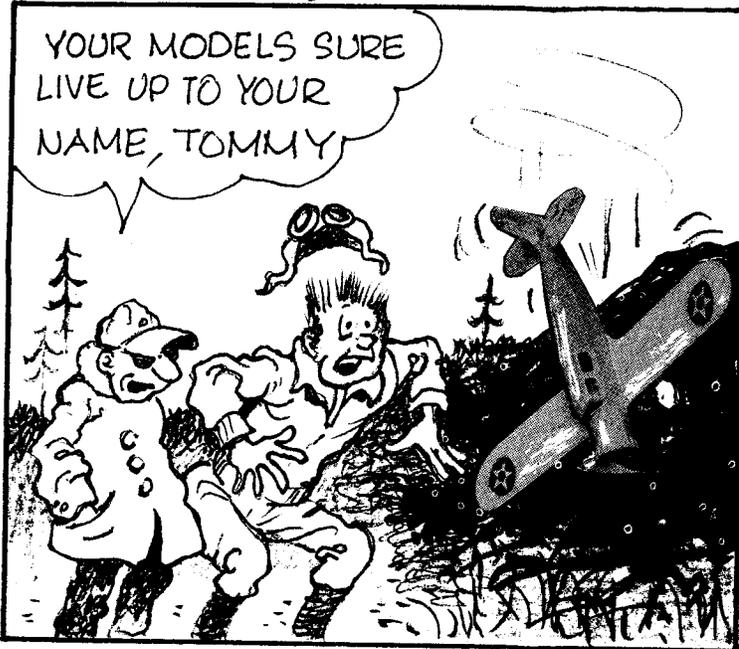
1030 E. Baseline, Suite 105-1074

Tempe, AZ 85283

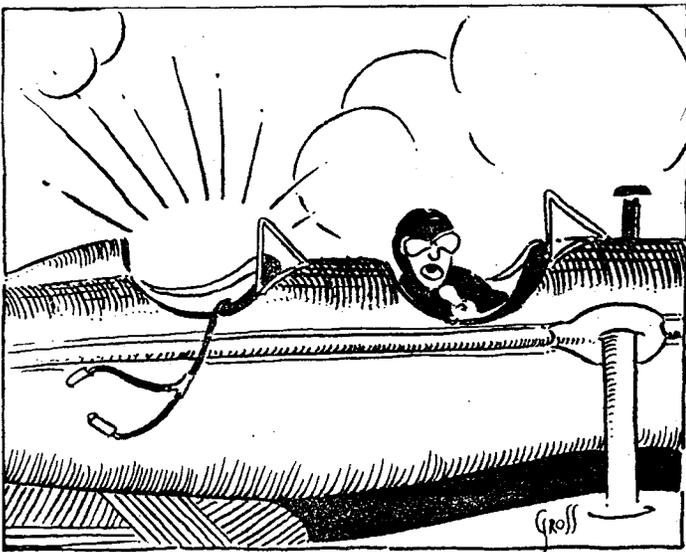
Credit card orders can also be placed by telephone to: 480-839-8154



AND YET **MORE** UNKNOWN MEMBERS OF THE **FLYING ACES CLUB**



8.



"THAT, MR DODO, WAS A SLOW ROLL
NOW YOU TRY ONE"

PHOTO PAGE

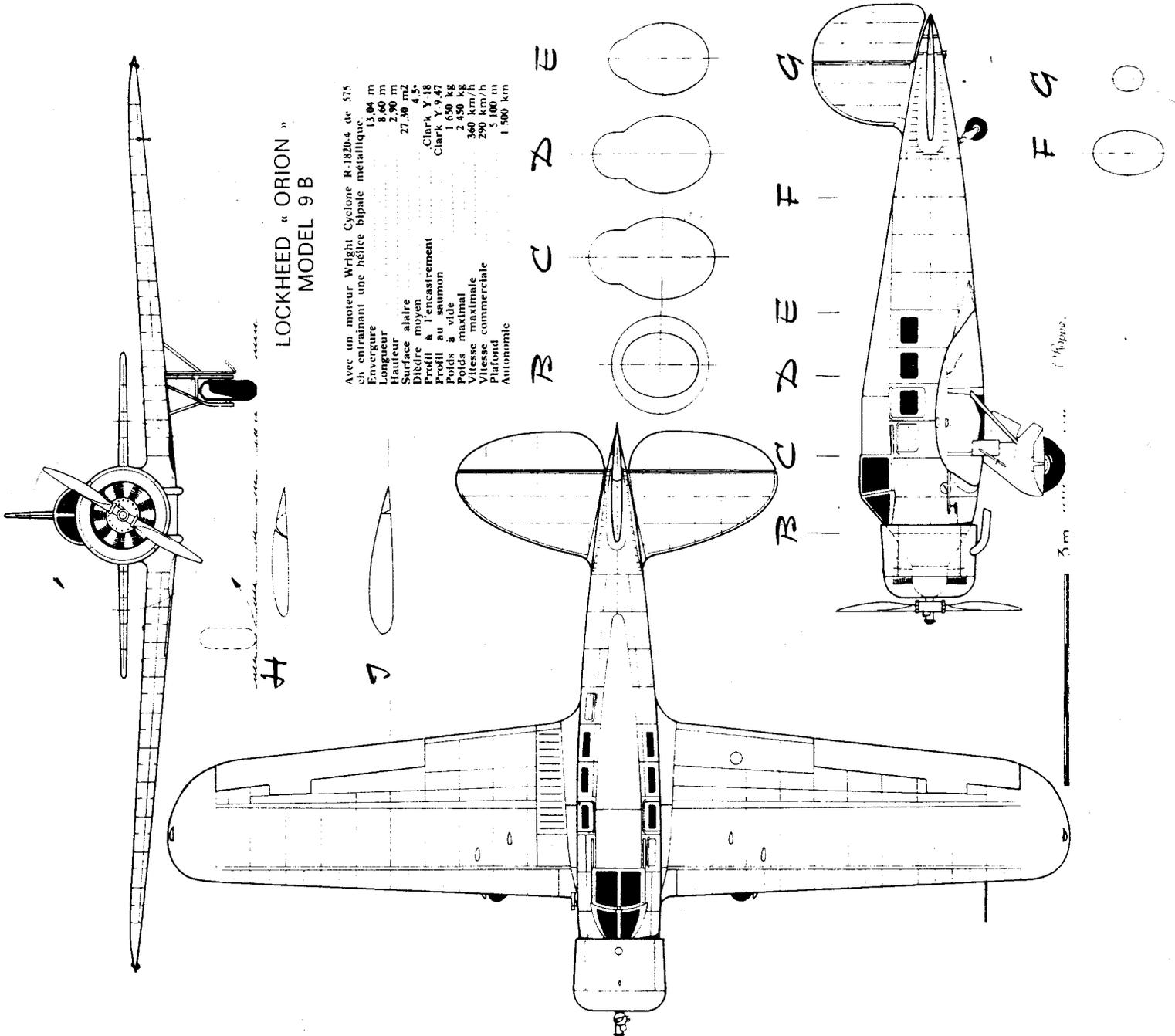
Left column; Jim Moseley's Cabinaire built from plans from a 1940 Flying Aces magazine, fine flyer. Photo by Jim.

Fokker D-7 (Herr kit), DH-2 (Midkiff plan), and a Sopwith Tripe (Smiley plan). Built by R.C. Breckur, his pic.

C.J. Rozelle sent this pic of his Earl Stahl design Interstate Cadet.

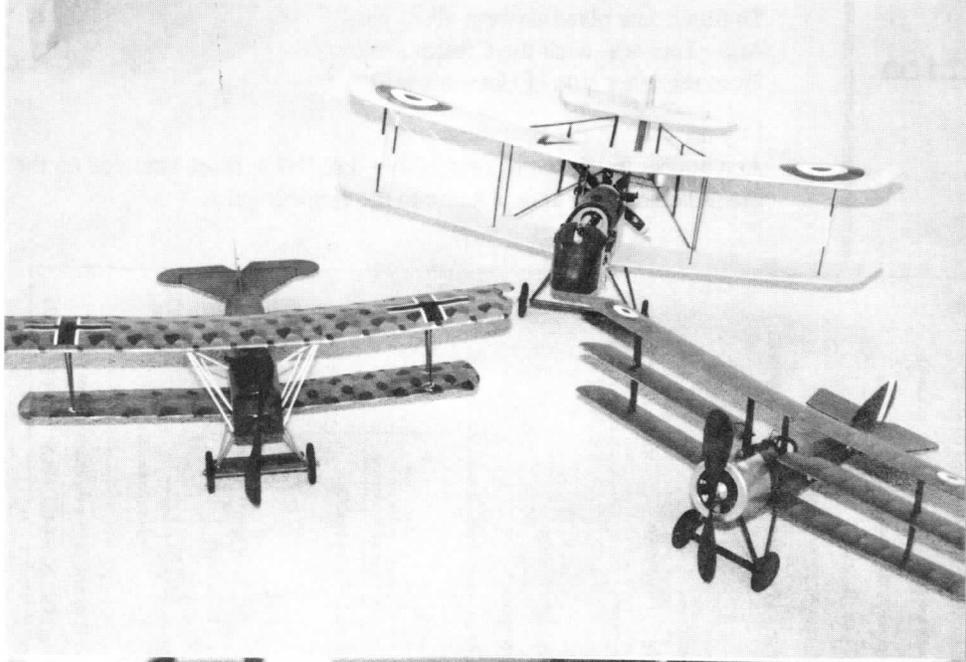
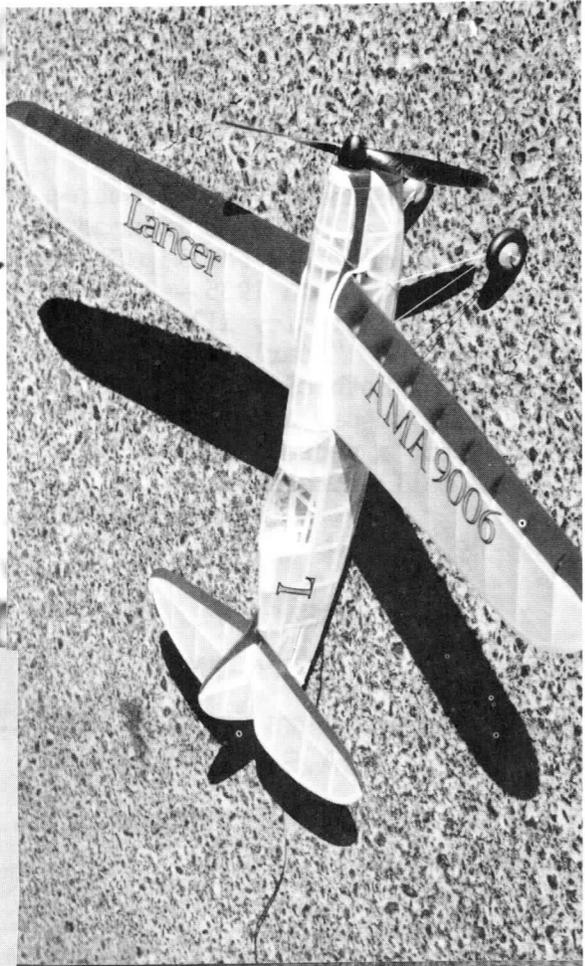
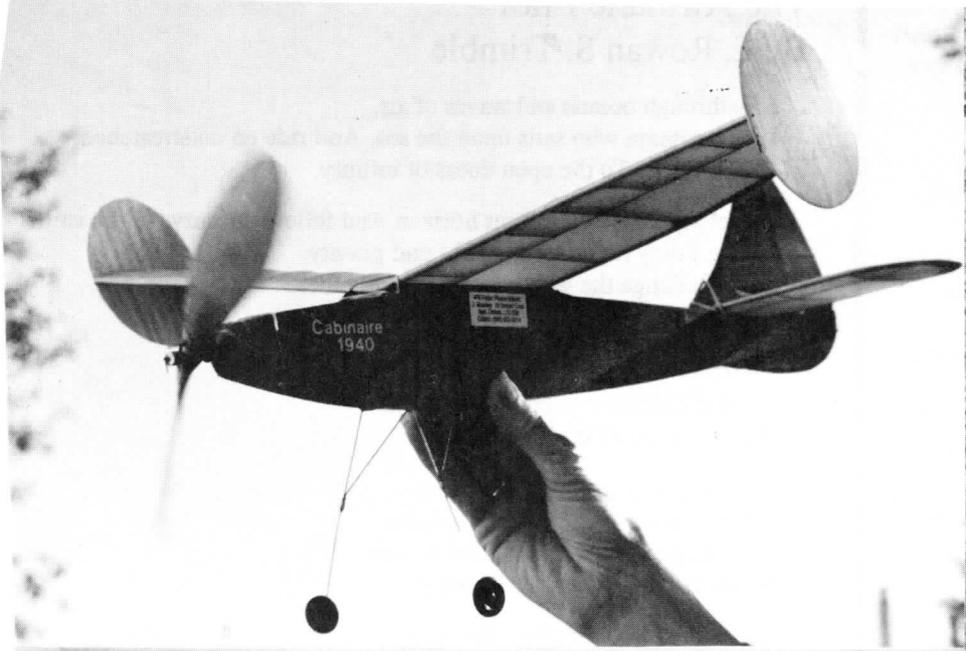
Right Column; A.A. Lidberg's latest kit offering, the 1936 Lancer, see ad in this issue.

A neat No-Cal of the SM-55X by Steve McKeown. Pretty good flyer.

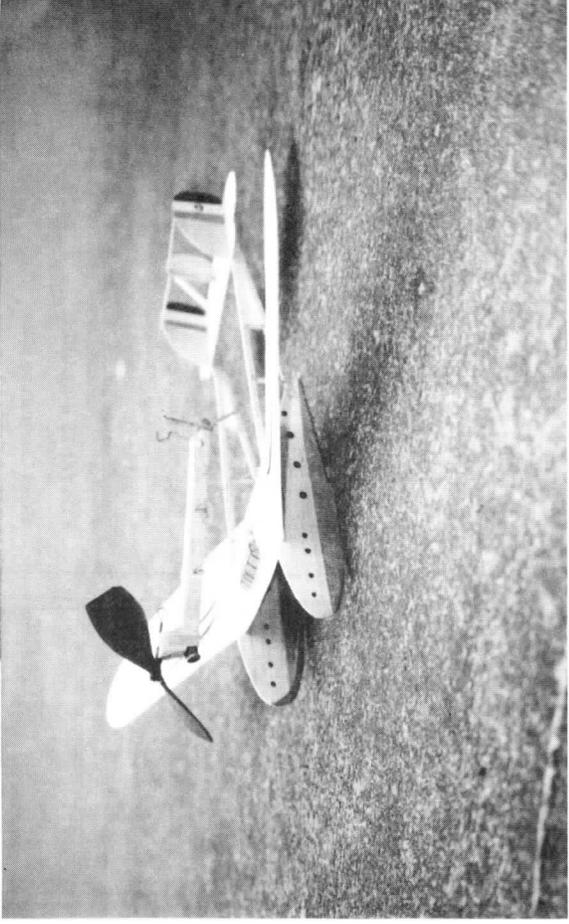


LOCKHEED "ORION"
MODEL 9 B

Avec un moteur Wright Cyclone R-1820-4 de 575 ch entraînant une hélice bipale métallique
Envergure 13,04 m
Longueur 8,60 m
Hauteur 2,90 m
Surface alaire 27,50 m²
Dièdre moyen 15°
Profil au saumon Clark Y-18
Profil à vide Clark Y-9-47
Poids à vide 1 650 kg
Poids maximal 2 450 kg/h
Vitesse maximale 360 km/h
Plafond 5 100 m
Autonomie 1 500 km



Interstate Cadet
 Designed by Earl Stahl 1941
 Built by C. J. Rozelle 2000



WANTED:

Waco SRE plan by Sterling Models. Span was about 52 inches. Lawrence Goldman, 8562 Benton Ave., Philadelphia, Pa. 19152. Phone (215) 742-2599

Frank Quackenbush, 1475 Pinetree Lane, Prescott, Az. 86303 is in need of an illustration for a Phillip Strange nov-elette (not March 1935---I have that). And a Frank Tinsley illustration of Bill Barnes' "Scarlet Stormer". Either a copy of both of the above and I would be happy to pay for them. Frank needs these for a short story he is writing. His E-mail address is;

Q.jack@northlink.com

SCALE PLANS

FAC-AMA

Trophy winners by a competition flyer. S.A.S.E. for list.

John Blair, 443 Henson Rd., Warne, N.C. 28909

The Airplane Pilot
By E. Rowan S. Trimble

I fly through oceans and waves of air,
Like a captain who sails upon the sea, And ride on outstretched,
fragile wings To the open doors of infinity.

I level my ship on a distant horizon And follow the curve of the earth
below; I defy the grip of weight and gravity,
And challenge the weather as a friendly foe.

I speed along the untamed sky
To the tune of a whistling wind,
Beyond the reach of hovering clouds,
Far above where birds ascend.

I adventure to the limit of heights
Where invisible streams are flowing,
Or drift along some uncharted course
When gentle breezes are blowing.

I leave below all troubles and woes
To find a safe place above it all,
And glimpse at what the Creator sees
From the other side of Heaven's wall.

I fly my craft in the boundless space
And appear to observers a vanishing dot; But to those stranded on the
ground below, Up here is home to the airplane pilot.

NEW! Models & Methods International

MOTIVATION FOR MODELERS - COMPILED BY BILL HANNAN

The latest from Hannan's Runway, this publication follows the format of our other offerings, including *Peanuts & Pistachios*, *Plans & 3-Views*, *Stick & Tissue*, *GBs & GeeBees* and *Models & Methods*. This new volume examines some of the "whys" as well as the "hows" of modeling. Also explored is research, kit modification, design and building, beginning with the selection of a subject, through actual construction, finishing and flight-testing.

Reproduced on top-quality paper, *Models & Methods* presents a varied selection of model plans, documentation drawings, informative text and an international gallery of photographs, plus a modicum of vintage aviation history. Why not share the joys of model building?

CONTENTS INCLUDES:

Model Construction plans:

- AM/FM whimsical antique R.O.G., by Bill Hannan (U.S.A.)
- Teff Contestor homebuilt Peanut Scale by J.F. Frugoli (France)
- 1909 Antoinette monoplane, by Bill Hannan
- 1912 Avro G biplane, by Bill Hannan
- 1913 Otto Racer monoplane, by Benno Sabel (Germany)
- Monnet Sonerai I Pistachio, by Lubomir Koutry (Czech Republic)

3-View Drawings:

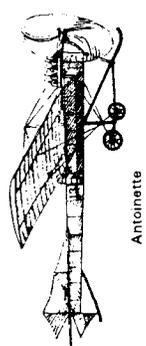
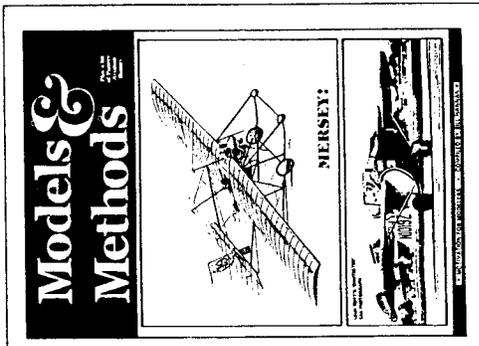
- 1909 Antoinette monoplane
- 1911 Paulhan-Tatin Torpille monoplane
- 1912 Cody Cathedral biplane
- 1912 Avro G biplane
- 1912 Mersey monoplane, by Otto Kuhni
- 1929 Curtiss Robin monoplane

Your copy of *Models & Methods* will be signed by Bill Hannan, if desired.

Bonus features include cartoons, reader feedback and a few surprises...

FORMAT: 8 1/2" x 11", 2-color cover
26 pages, 6 model plans, 6 3-views,
68 photos plus sketches and cartoons.

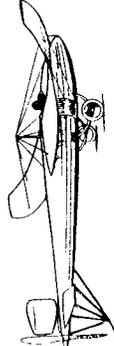
PRICE: \$11.95 plus postage



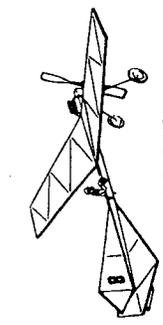
Antoinette



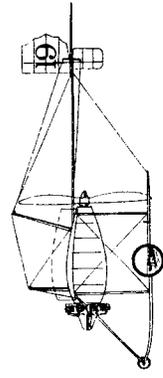
Avro G



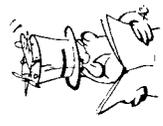
Paulhan-Tatin Torpille



AM/FM R.O.G.



Mersey Monoplane



SPRING/SUMMER 2000



Visa/Mastercard orders are welcome. Visit our Web Site at: www.hrunway.com

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CONTEST SCHEDULE

The following contests contain mostly FAC events. To save space we will only list the contest director. For more details, such as site and events contact the CD.

September 2, October 7 Erie Model Aircraft Assn. Lin Reichel 814-833-0314.

September 9, October 14, November 11 The Calumet Escadrille, Country Club Hills, Ill.
Chris Starleaf 815-786-6490.

September 10, October 1 Cleveland Free Flight Society, Lorain, Ohio, Russ Brown 216-382-4821.

September 9-10 Miami Group, Doc Martin 305-858-6363.

September 23-24, Brainbusters FF Contest, Petersburg, Va. Abram Van Dover 757-596-6104.

September 23-24 FAC Outdoor Champs, Muncie, Ind. Ralph Kuenz 313-835-7141.

September 30, Kudzu Flying Corps, Raeford, N.C. Dave Rees 919-778-6653.

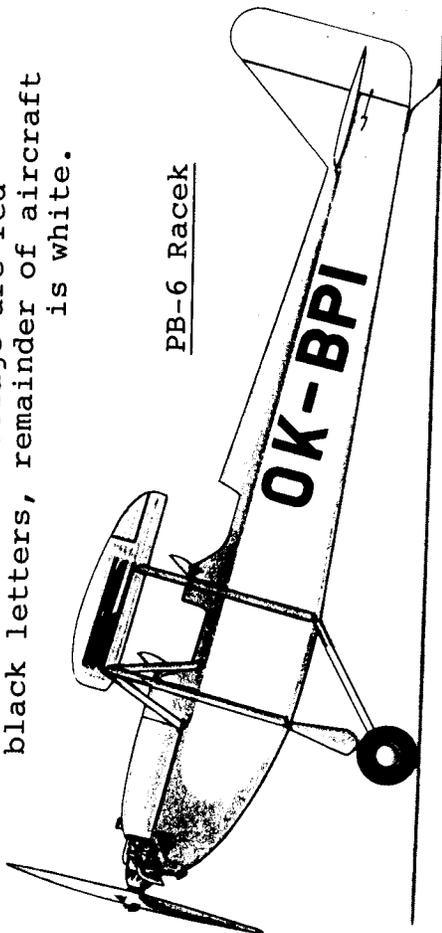
August 26, September 9, 23, Tigertown Squadron, South Ancaster, Ont. Dick Fahey 905-637-5469.

August 26-27, Tullahoma, Tn. FAC Mid-South Champs, Gary Morton 423-236-4068.

October 28-29, Wawayanda, N.Y. One Deisn Contest, Don Ross 201-568-5272.

October 7-8, Cactus Squadron Annual, Arizona, Bob Schlosberg 480-941-8778.

Dark areas on fuselage are red
black letters, remainder of aircraft
is white.



PB-6 Racek

A Pilot's Dream

In memory of the author - Darren Scott Cothron, 7 April 1987
Submitted by Curtis Bass

There's a feeling that takes hold of me,
And a chill runs down my spine.
Ecstasy fills me as I realize,
That the world, at last, is mine.

I'm pushed, forcefully, into my seat,
The ground becomes a blur.
Then I feel I'm floating, gliding,
As I hear my engine purr.

Climbing up, I gaze out,
I can see so far below.

The earth beneath my graceful wings,
Into the wild, blue yonder I go.

Five thousand feet I level out,
Smiling, I enter the turn.
Sixty degrees of bank I hold,
As the wind whittles fierce and stern.

Upon level out, I cut the power,
A pretense to enter a climb.
And suddenly I've stalled my aircraft,
She drops, as I think in my mind -

Shall I recover, and zoom away?
Or shall I pursue the spin?
On choosing the later, and in recovery,
I feel those welcome G's again.

And so it goes, in my little heaven,
For a while I continue to soar.
I can feel in my heart, I'm closer to God,
For a time there are troubles no more.

As the sun sets on an ocean of silk,
My dream will soon come to an end,
And I leave the flight-line with only one hope,
That soon, I may dream again.

WWI MASS LAUNCH		Geneseo '00 Nats
Position	Entrant	Plane
1	Tom Nallen II	AW FK-8
2	Chris Starleaf	Bristol MI-C
3	Tom Hallman	Martinsyde Buzzard
4	Bob McLellon	Fokker D VII
5	Dick Hawes	Nieuport 12 C-2
	Jack Kacian	Albatross DII
	Vern Neff	DH-6
	Bob Bojanowski	Eindecker
	Chuck Schobloher	Fokker DVII
	Roger Moon	Fokker DVII
	Mike Zand	Fokker DVII
	Paul Helman	Fokker DVII
	Pat Daily	Fokker DVII
	Rich Miller	Fokker DVII
	Ed Pelatowski	Fokker DVII
	Dave Niedzielski	Fokker DVII
	Pete Kaiteris	Fokker DVIII
	Jack McGillivray	Junkers CL-1
	Gordon Roberts	Martinsyde
	Steve Griebling	Martinsyde Buzzard
	David Franks	Martinsyde Buzzard
	Dave Rees	Martinsyde S-1
	Terry Pittman	Nieuport
	Jim Miller	PV-7
	Richard Zapf	Roland CII
	Stew Meyers	SE5
	Bruce Foster	SE5
	Frank Rowsome	SE5
	Bill Mueffelman	SE5
	John Houck	Siemans DI

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No-Cal				Geneseo Nats '00			
Position	Contestant	Entrant#	Plane	Flight Times			Total
1	Mark Fineman	46	Super Rebel	182	99	178	459
2	Larry Peavey	73	Chambermaid	340			340
3	Pete Kaiteris	45	Jodel Bebe	158	94	80	332
4	John Stott	31	Waterman	67	159	80	306
5	George Bredehoff	171	PBY	160	43	47	250
6	Michael Heinrich		Gee Bee NCT2V	248			248
7	John Houck	24	Clip Wing Spitfire	120	80	37	237
8	Jack Noll	162	He 100 D	83	76	77	236
9	Paul Helman	11	Elias Monocoup	97	112		209
10	Gerry Crawmer	113	Cessna Centurian	67	67	73	207
11	Ted Dock	116	Schlepp	91	69	39	199
12	Gerry Crawmer	113	Stallion	189			189
13	George Lewis	8	Gosling	71	45	69	185
14	Ken Bates	108	P-51B	70	56	49	175
15	Mark Fineman	46	P-39 Cobra II	89	74		163
16	Dan Kane	170	Little Tonyu	70	60		130
17	Russ Sandusky	141	P-51A	78	35		113
18	Bill Bell	121	F47 Wildcat	62	45		107
19	Scott Dobberful	69	Rare Bear	106			106
20	Elmer Mellander	102	Ambrosini SAI 207	46			46

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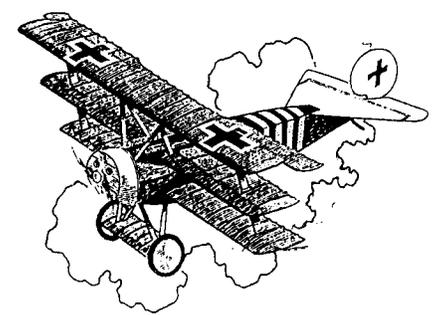


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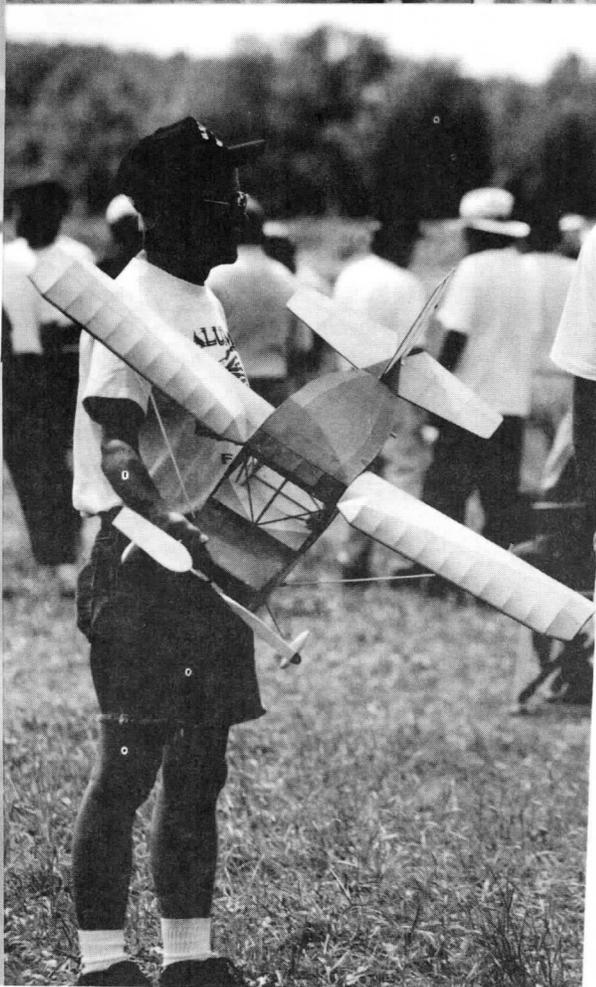
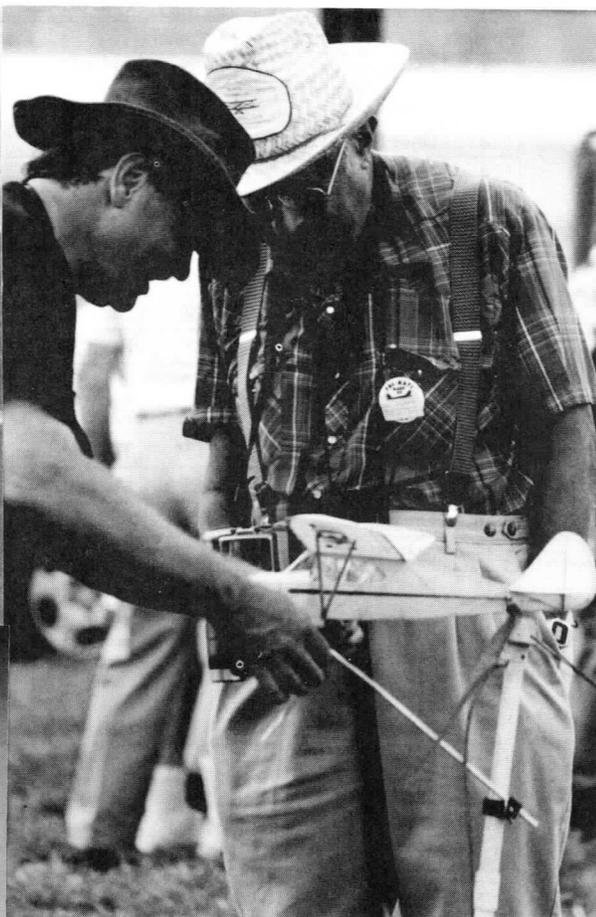
Left column; Bob Bojanowski winding his giant Ford tri-motor for flight. Look at the amount of rubber! Pic by Mike Zand.

Award winning DH-2 by Tom Hallman. Magnificent model. Tom's photo.

High flying 1936 Erie Daily Times rubber model. Plans available from GHQ, \$3.50 postpaid. Pic by Carrie Ringland from the museum.

Right column; Joe Joseph watches Orv Olm prepare his Piper Clipper for flight. Photo by Carrie.

Another pic by Carrie, Ed Bojan with his Giant Scale Nesmith Cougar.



14.

FAC SCALE			Geneseo Nats '00							
Position	Contestant	Entrant#	Plane	Flight Times			BEST	SCALE	BONUS	Total
1	Chris Starleaf	47	SM-71	110			80	57.4	25	162.4
2	Jim Miller	60	Lippisch	88			74	42	35	151
3	Dave Stott	42	A.N.E.C.	81	120		82.5	52.3	15	149.8
4	Pres Bruning	14	Antonov AN2	78	45	95	76.25	57.3	15	148.55
5	Tom Hallman	12	Mig 3	90	80	120	82.5	53	10	145.5
6	Mark Fineman	46	F-82 Twin Mustang	63	60		61.5	53	30	144.5
7	Bob Clemens	136	Farmon 450 Mosquito	56	79	120	82.5	54	5	141.5
8	Dave Rees	38	Cant	50	50	45	50	56.2	35	141.2
9	Chris Parent	135	Ryan ST	86			73	57.5	10	140.5
10	Tom Hallman	12	Mitsubishi 1MF1	70	69		65	56.4	15	136.4
11	Stu Weckerly	32	Waco CVC	51	35	71	65.5	46.7	20	132.2
12	Dave Niedzielski	154	TBF Avenger	51	108		79.5	45.4	5	129.9
13	Scot Dobberfuhr	69	Mauboussin	64			62	52	15	129
14	Orv Olm	152	Spitfire	61	62	104	78.5	38.8	10	127.3
15	Jack Noll	162	KI-61	63	68	74	67	49.8	10	126.8
16	Pat Daily	177	Fokker DVII	25	52	64	62	49	15	126
17	Orv Olm	152	PA 16 Clipper	120			82.5	42.3	0	124.8
18	Scot Dobberfuhr	69	Gee Bee "E"	65			62.5	50.7	10	123.2
19	Mike Zand	184	Bellanca Tri-motor	29	32	42	42	44.9	35	121.9
20	Rich Weber	97	Harvard MR IV	72	61	67	63.5	48.1	10	121.6
21	Vance Gilbert	28	Aero A38	31	52		52	54	15	121
22	Jack Moses	17	IS-4	41	63		61.5	52	5	118.5
23	Tony Willis	110	Comper Swift	49	75	54	67	46.3	5	118.3
24	Dennis Norman	15	Barracuda	58	59	25	59	54	5	118
25	Ed Novak	35	Pegna PAL	49	46	63	61.5	38	15	114.5
26	Jack Bredehoft	172	Elmendorf	47	56		56	41	10	107
27	L. Smith	39	Ta 152	49			49	47.8	10	106.8
28	John Hauck	24	AT6	25	50		50	46.6	10	106.6
29	Chris Parent	135	Nieuport 24 BIS	34			34	57.5	15	106.5
30	Bob McLellon	84	Henschel	42	48	46	48	51	3	102
31	F. Kent Lemon	99	Koolhoven FK55	23	51		51	45.5	5	101.5
32	Greg Thomas	30	Clipped Wing Cub	46			46	55.3	0	101.3
33	John Shockley	53	Fairchild 24	44			44	52.9	0	96.9
34	Paul Stott	43	Hamilton	37			37	48.1	5	90.1
35	Rocky Russo	33	Gee Bee "D"	40	42	29	42	38	10	90
36	Bob Lundberg	94	A.W. APE	43			43	36.9	10	89.9
37	Frank Slavin	104	Boulton Paul Defiant	31	30	37	37	42	10	89
38	Bob Marchese	186	Sikorsky	24			24	46.7	18	88.7
39	Paul Helman	11	Flitzer	30	29		30	43	15	88
40	Ed Novak	35	Waterman Airmobile	27	28	35	35	32.7	20	87.7
41	Joe Joseph	78	Fokker DIII	32	32	25	32	49.8	5	86.8
42	Ed McQuaid	50	Jodel D-9	21	41	38	41	32	10	83
43	Ed McQuaid	50	DH-71	20	30		30	40	10	80
44	John Sockley	53	Howard DGA-15	21			21	55.1	0	76.1
45	Paul Hellman	11	Floyd Bean	30			30			30

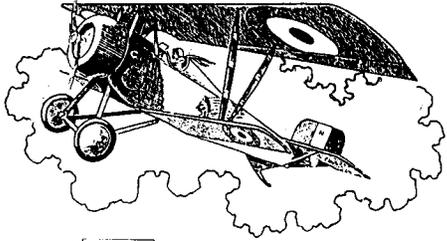
FAC PIONEER SCALE			Geneseo '00 Nats							
Position	Contestant	Entrant#	Plane	Flight Times			Fl. Score	Scale Sc.	Bonus	Total
1	Jack Kacian		Wright Flyer	32	x	x	32	53.5	45	130.5
2	Tom Nallen II		Short T-5	31	56	60	60	50	20	130
3	Tom Hallman		Bleriot VII	51	x	x	51	52	10	113
4	Chuck Wenlock		Voison Hydro	20	x	x	20	42	30	92
5	Jim Miller		Bleriot VII	41	x	x	41	40	10	91
6	Vic Nippert		1912 Blackburne	28	30	x	30	38	5	73
7	Tim MacDonald		Eastbourne Mono	25	x	x	25	31.5	5	61.5

WWII MASS LAUNCH Geneseo '00 Nats 55 Entrants

Position	Entrant	Plane
1	Tom Nallen II	Kharkov R-10
2	Dave Rees	Fairey Fulmar
3	Gordon Roberts	Judy
4	Richard Zapf	BF109E
5	Dan Kane	Judy
	Ed Pelatowski	KI-61
	Larry Sweat	A-36
	Rich Weber	Aichi Grace
	Dave Niedzielski	Avenger
	Dennis Norman	Barracuda
	Jack McGillivray	Barracuda
	Chris Starleaf	Barracuda
	Tom Nallen II	Bermuda
	Frank Slaviv	Boulton Paul Defiant
	Don Boose	Dauntless
	Tom Arnold	DO-335
	Paul Stott	Fiat G-55
	Jack Kacian	HE-112
	Chuck Schobloher	Hellcat
	Mike Burns	Hellcat
	Don Lang	Judy
	Dave Livesay	Judy
	Charlie Sauter	KI-61
	Jack Noll	KI-61
	Lindsey Smith	KI-61
	Bob Marchese	Macchi
	Del Balunek	ME-109F
	Noel Kirby	ME 109E
	John Stott	Mig 3
	Bob Bojanowski	Mustang
	Steve Griebling	Mustang
	Bruce Foster	P-39
	Jim Norfolk	P-40
	Bill Orphan	P-40
	Paul Boyanowski	P-47
	Pete Azure	P-51
	Jim DeTar	P-51
	Dan Driscoll	P-51
	Richard Miller	P-51
	John Houck	P-51A
	Jim Miller	P-51B
	Mike Zand	P-51D
	Gene Smith	Reggianne 2005
	Orv Olm	Spitfire
	Tim MacDonald	Stormovik
	Pete Kaiteris	TA-152
	Roger Moon	TA-152
	George Lewis	TA-152
	Tim Bucher	Tony
	Mike Nassise	Typhoon
	Bob McLellon	Wildcat
	Paul Helman	Yak
	Jack Moses	Yak-3
	Dick Gorman	Yak-3
	Richard Talbot	Zero

MODERN MILITARY MASS LAUNCH

Position	Entrant	Plane
1	Dave Rees	Skyraider
2	Dave Livesay	Vultee XA-41
3	Richard Zapf	Ryan Fireball
4	Chris Starleaf	Yak-11
5	Bob McLellon	Skyraider
	Ed Pelatowski	DH Vampire
	David Franks	Fiaz G59-2A
	Tim MacDonald	Grumman Bearcat
	Dennis Norman	Hawker Hunter
	Tom Hallman	Mig 15
	Jack Kacian	OV-10 Bronco
	Bill Orphan	Ryan Fireball
	Mike Nassise	Ryan Fireball
	Tom Arnold	Short Seawing



BENDIX RACE

Position	Entrant	Plane
1	Dave Rees	Mr. Mulligan
2	Steve Griebling	Mr. Mulligan
3	Chris Starleaf	Laird Super Solution
4	Tim MacDonald	Beech Staggerwing
5	Mike Nassise	Marcoux Bromberg
	Richard Zapf	Lockheed Altair
	Gordon Roberts	Mr. Mulligan
	Mike Zand	Seversky
	Dave Stott	Vance Flying Wing
	John Houck	Wedell Williams 45

Position	Contestant	Entrant#	Plane	Geneseo '00 Nats				Total
				Flight Times	BONUS	BONUS	Total	
1	Scot Dobberfuhl	69	BF 109	120	116	120	30	386
2	Rich Zapf	63	Arado	120	69	115	30	334
3	Herb Kothe	56	Farman	120	90	95	0	305
4	Bob Marchese	186	Lockheed Vega	120	64	109	0	293
5	Jim Miller	60	Martin MD1	120	120	36	15	291
6	Jack Kacian	161	Caudron C 460	73	68	120	30	291
7	Frank Rowsome	65	Fokker D-VII	76	105	58	45	284
8	Steve Griebling	6	Hawker Fury	45	72	120	45	282
9	Dan Kane	170	ME 109	120	60	71	30	281
10	Stu Weckerly	32	Fairchild 45	56	71	119	30	276
11	Jim DeTar	155	Worthington Dingbat	120	45	54	30	249
12	Scot Dobberfuhl	69	Corben Super Ace	88	120	x	10	218
13	Stu Meyers	180	FD VII	48	62	47	45	202
14	Frank Rowsome	65	Spad	50	56	44	45	195
15	Tim Bucher	133	Bristol Bowmie	70	58	50	15	193
16	Paul Boyanowski	81	Luscombe	81	100	x	0	181
17	Bruce Finley	89	Bristol Brownie	39	45	56	30	170
18	Ed Pelatowski	29	Leopard Moth	36	59	70	0	165
19	Joe Joseph	78	Fokker D VII	51	44	24	45	164

16.

SHELL SPEED DASH Geneseo Nats '00						
Position	Contestant	Entrant#	Plane	Flight	Time	Total
1	Jack McGillivray	49	Mr Smoothie	120	120	240
2	Chris Starleaf	47	Chambermaid	109	99	208
3	Paul Boyanowski	115	Folkerts SK4	108	100	208
4	Dave Livesay	127	Mr. Smoothie	120	74	194
5	Jack Kacian	161	Caudron C-460	83	109	192
6	Jim DeTar	155	Floyd Bean Spc	120	60	180
7	Dave Niedzielski	154	Mr. Smoothie	98	78	176
8	Gordon Roberts	75	Chambermaid	96	74	170
9	Dave Livesay	127	Floyd Bean	91	79	170
10	Jack McGillivray	49	Cessna CR3	87	81	168
11	Tom Hallman	12	Loose Racer	92	69	161
12	Scot Dobberfuhl	69	Cessna CR3	92	69	161
13	Tim MacDonald	125	Jack Rabbit	95	61	156
14	Rich Zapf	63	KR-R1	80	62	142
15	Steve Griebing	6	Caudron	57	84	141
16	Rich Zapf	63	LTR-14	76	64	140
17	Scot Dobberfuhl	69	Gee Bee E	65	75	140
18	Charlie Sauter	119	R4 Firecracker	62	78	140
19	Tim MacDonald	125	Hosler fury	57	81	138
20	Tom Nallen	112	Jack Rabbit	46	89	135
21	Gordon Roberts	75	Mr. Mulligan	52	82	134
22	Ed Pelatowski	29	Folkerts SK-3	70	61	131
23	Dick Gorman	179	Keith-Rider R4	64	66	130
24	Steve Griebing	6	Cessna CR3	59	60	119
25	Kent LeMon	99	Mr. Smoothie	75	44	119
26	Fred Wunsche	10	Jack Rabbit	69	47	116
27	Don Lang	5	Mr. Smoothie	70	43	113
28	Bob Bojanowski	19	Marcoux Brumberg	49	59	108
29	Kent LaMon	99	Floyd Bean	52	51	103
30	George Bredehoff	171	Bumble Bee	67	34	101
31	Jack Bredehoff	172	Elendorf Special	49	52	101
32	Don Lang	5	Marcoux Brumberg R	48	48	96
33	Ray Rakow	18	Mr. Smoothie	52	44	96
34	Bob Bojanowski	19	Jack Rabbit	96	x	96
35	Gene Smith	25	Mr. Smoothie	96	x	96
36	Mike Nassise	137	Cessna CR-3	43	53	96
37	Mark Fineman	46	Cessna CR3	42	52	94
38	John Houck	24	Chester "Jeep"	39	49	88
39	Chuck Schobloher		Jack Rabbit	28	59	87
40	Bob McLellon	84	Seversky	34	46	80
41	David Franks	2	Floyd Bean	23	53	76
42	Mike Nassise	137	Mr. Smoothie	38	35	73
43	Bob McLellon	84	Goon	37	35	72
44	Jack Barker	61	Folkerts SK2	37	33	70
45	Mike Zand	184	Suzy	38	30	68
46	Dave Stott	42	Loose Special	64		64
47	Bill Mueffelmann		SK3 Folkerts	31	32	63
48	Dave Stott	42	Tilbury Flash	37	24	61
49	Mike Zand	184	Seversky	38	23	61
50	Art Collard	100	Mr. Smoothie	27	32	59
51	Tom Nallen	112	Lockheed Althair	36	20	56
52	Jack Noll	162	Jack Rabbit	53	x	53
53	Roger Moon	67	Marcoux Brumberg	44	x	44
54	Jack Noll	162	Cessna CR3	37	x	37
55	Ross Mayo	83	Cessna CR3	22	x	22

Two-Bit Old Time Rubber Geneseo '00 Nats							
Position	Contestant	Entrant#	Plane	Three Flights			Total
1	Herb Kothe	56	Blue Flash	120	120	120	360
2	Sam Burke	129	Baby Commercial	120	120	120	360
3	Orv Olm	152	Miss Canada Jr.	120	120	120	360
4	Gordon Roberts	75	FA Moth	120	120	120	360
5	Vic Nippert	79	King Harry	120	120	120	360
6	Dan Driscoll	138	Achilles	110	120	108	338
7	Stu Weckerly	32	Erie Daily Times	112	102	120	334
8	Jime Moseley	124	1940 Cabinaire	120	76	120	316
9	George Merkel	153	FA Moth	100	88	120	308
10	Gordon Roberts	75	Achilles	117	80	88	285
11	Ken Bates	108	Achilles	67	106	111	284
12	Jim DeTar	155	FA Moth	28	120	120	268
13	Hal Lorimer	76	FA Moth	91	89	87	267
14	Bob Clemens	136	Flying Cloud Jr	87	95	82	264
15	Jack Moses	17	Erie Daily Times	63	104	96	263
16	George Bredehoff	141	JA Special	72	99	86	257
17	George Lewis	8	Erie Daily Times	71	55	120	246
18	Ted Dock	116	Fury	83	66	97	246
19	Dan Kane	170	Phantom Flash	71	120	51	242
20	Steve Griebing	6	FA Moth	120	120	x	240
21	Dan Kane	170	Flying Cloud Jr	120	48	x	168
22	Ralph Kuenz	55	Erie Daily Times	42	59	48	149
23	Mike Nassise	137	Jr. Commercial	47	42	42	131
24	Frank Rende	150	PA 20	46	39	33	118
25	Vern Neff	44	FA Moth	103	x	x	103
26	Richard Moore	58	FA Moth	66	x	x	66
27	Charlie Schobloher	48	Erie Daily Times	35	x	x	35

Jimmy Allen Event Geneseo '00 Nats								
Position	Contestant	Entrant#	Plane	Best Three Flights of Four			Total	
1	Herb Kothe	56	BA Cabin	120	120	120	105	360
2	John Houck	24	Skokie	120	120	120	116	360
3	Lindsey Smith	39	Skokie	88	120	120	120	360
4	George Bredehoff	171	JA Special	117	120	111	120	357
5	Bob Laybourne	68	Skokie	120	43	91	120	331
6	Stu Weckerly	32	Bluebird	102	90	86	116	308
7	Bob Bojanowski	19	Skokie	76	108	113	83	304
8	Dick Hawes	139	Skokie	63	120	63	106	289
9	Ted Lewis	52	Bluebird	71	95	120	57	286
10	Rocky Russo	33	Skokie	84	94	105	x	283
11	Dick Hawes	139	Bluebird	87	89	98	x	274
12	Jack Moses	17	BA Parasol	61	67	101	x	229
13	George Merkel	153	Skokie	83	79	63	x	225
14	Dan Driscoll	138	Jimmy A Spe	84	67	63	72	223
15	Orv Olm	152	Bluebird	69	60	77	x	206
16	Doug Morrow		Skokie	41	37	52	x	130
17	Bill Bell	121	Bluebird	38	42	29	x	109
18	Herb Kothe	56	Blue Flash	99	x	x	x	99
19	Mark Rzadca	20	Bluebird	98	x	x	x	98
20	Harvey Pastel	22	Skokie	36	25	30	x	91
21	Vic Nippert	79	BA Cabin	80	x	x	x	80
22	Sam Burke	129	Skokie	78	x	x	x	78

FAC SCALE PEANUTS										Geneseo '00 Nats	
Position	Contestant	Entrant#	Plane	Flight Times			Best Fl.	Scale Sc.	Bonus	Total	
1	Jim Miller	60	DH-6	97	120	x	82.5	50.5	15	148	
2	Tom Hallman	12	Martinsyde Buzzard	70	85	x	72.5	56.5	15	144	
3	Marcia Green	152	DH Tiger Moth	42	82	x	71	55.5	15	141.5	
4	Steve Griebing	6	Chambermaid	120	x	x	82.5	52.5	5	140	
5	Scot Dobberfuhl	69	Heath Centerwing	76	100	x	77.5	57	5	139.5	
6	Jack kacian	161	Albatros DII	75	47	x	67.5	56.5	15	139	
7	Gene Smith	25	Tigercat	51	53	57	57	52	25	134	
8	Rich Weber	97	Tabloid	57	65	x	62.5	56	15	133.5	
9	George Bredehoft	171	Falcon Special	81	x	x	70.5	56	5	131.5	
10	Tim MacDonald	125	Hosler Fury	85	x	x	72.5	49	5	126.5	
11	Tom Nallen II	1	Turner T 40	23	67	55	63.5	52.5	10	126	
12	Rich Miller	144	Volksplane	64	66	x	63	51.5	10	124.5	
13	Richard Talbot	148	Sonex	47	59	30	59	53	10	122	
14	Vern Neff	44	Eindecker EIII	62	x	x	61	54	5	120	
15	Scot Dobberfuhl	69	Thompson Balboni Speci	49	55	x	55	56.5	5	116.5	
16	Mike Zand	184	Andreason	50	50	x	50	51.5	15	116.5	
17	Tom Hallman	12	DH2	27	34	x	34	61.5	20	115.5	
18	Stu Weckerty	32	Tigercat	23	34	27	34	55	25	114	
19	Jack Noll	162	Floyd Bean Racer	55	38	48	55	52.5	5	112.5	
20	Kent LeMon	99	Floyd Bean Racer	56	40	44	56	50	5	111	
21	Dave Stott	42	Bristol Scout C	34	32	x	34	60.5	15	109.5	
22	N.L. Druce	107	DH29	47	53	39	53	51.5	5	109.5	
23	Pres Bruning	14	Arado 198	37	44	x	44	59	5	108	
24	Orv Olm	151	Zero	30	37	32	37	52	10	99	
25	Del Balunek	166	Waco	37	28	37	37	46.5	15	98.5	
26	Paul Helman		Floyd Bean	33	43	23	43	48	5	96	
27	Rich Zapf	63	Pacific Standard	42	x	x	42	48.5	5	95.5	
28	Jack Noll	162	Midget Mustang	34	33	20	34	51.5	10	95.5	
29	Pete Kaiteris	45	Fokker DVIII	44	26	36	44	47.5	3	94.5	
30	Ed Pelatowski	29	Ole Tiger	26	35	29	35	51	5	91	
31	Ed McQuaid	50	Andreason BA4-B	25	21	x	25	44	15	84	
32	Tom Nallen I	112	Paten PA100	32	32	x	32	46.5		78.5	

POWDER PUFF SCALE										Geneseo Nats '00	
Position	Contestant	Entrant#	Plane	Flight Times			Fl. Score	Scale Sc.	Bonus	Total	
1	Marie Rees	37	Vega	83			71.5	51.9	0	123.4	
2	Juanita Reichel	142	Clipper	63	37		65	29.7	0	94.7	
3	Jane Smith	40	Miss Amer	21	21		32	46.3	10	88.3	
4	Lynne Lewis	9	Pilatus Poi	31	35		35	48	3	86	
5	Juanita Reichel	142	Piper J3	38	45		45	34.5	0	79.5	

FAC POWER SCALE - SINGLE ENGINE										Geneseo '00 Nats	
Position	Contestant	Entrant#	Plane	Flight Times			Fl. Score	Scale Scor	Bonus	Total	
1	Fernando Ramos	62	Bristol M1D	120	x	x	82.5	61.5		144	
2	Derek Knight	85	DH 82 Tiger Moth	120	x	x	82.5	61		143.5	
3	Chris Starleaf	47	Mig 15	118	120	x	82.5	59		141.5	
4	Dave Rees	38	Alex-Eaglerock Bullet	120	x	x	82.5	57		139.5	
5	Mark Fineman	46	Boeing L-17A	35	103	118	82	57		139	
6	Ed Pelatowski	29	RWD-8	120	x	x	82.5	55.5		138	
7	Charlie Hill	118	Brandenberg W29	52	91	120	82.5	55		137.5	
8	Mark Fineman	46	F4F wildcat	50	119	x	82.25	50	0.75	133	
9	Derek Knight	95	Auster MK18	95	120	x	82.5	49		131.5	
10	Charlie Hill	118	Avia	94	29	29	76	52	3.3	131.3	
11	George Lewis	8	Piper	116	118	x	82	49		131	
12	Vic Nippert	79	1912 Eastbourne	25	54	x	54	51.5	5.5	111	
13	Vic Nippert	79	Lippisch Storck	24	42	31	42	47.5	19.8	109.3	
14	Frank Slavin	104	Aeronca Champ	40	58	68	64	42.5		106.5	
15	Bob Marchese	1986	Horton IID	25	x	x	25	52	22	99	
16	Mike Zand	184	Farman Sport	34	35	31	35	44	16.5	95.5	
17	Tim Bucher	133	Reisler RIII	22	x	x	22	47	3.3	72.3	
18	Jack Noll	162	P-47D	20	x	x	20	36	11	67	

Jetex NoCal Event										Geneseo '00 Nats	
Position	Contestant	Entrant#	Plane	Flight Time			Bonus	Total			
1	Grant Lovett		Yak 15	21			10	31			
2	Vic Nippert		F-84	11			10	21			
	Vic Nippert		Canberra	10			10	20			
3	Dennis Norman		Hawker Hunter	18			x	18			
4	Ed Pelatowski		A-6 Intruder	4			10	14			

GOLDEN AGE CIVIL				Geneseo '00			
Position	Contestant	Entrant#	Plane	Flight Times			Total
1	Gene Smith	25	Curtis Robin	83	120	120	323
2	Herb Kothe	56	Taylorcraft	92	99	120	311
3	Vic Nippert	79	Piper Cub	96	95	95	286
4	Chris Starleaf	47	Lincoln APKS	90	75	105	270
5	Dan Driscoll	138	Howard	106	53	94	253
6	Bob McLellon	84	Stinson SR 7	119	45	86	250
7	Jack Moses	17	Interstate Cadet	72	82	91	245
8	Steve Griebing	6	Vega	73	93	71	237
9	Gordon Roberts	75	Rearwin Speedster	81	85	63	229
10	Tom Hallman	12	Gadffy	80	86	62	228
11	Vance Gilbert	28	Savoia SM 73	57	82	68	207
12	Mike Zand	184	Taylorcraft	47	102	54	203
13	Neff Vern	44	Avro 625 Avian Monoplane	61	74	52	187
14	Stu Weckerly	32	Stout 2AT	89	97		186
15	Tony Willis	110	Comper Swift	62	56	55	173
16	Chuck Schobloher	48	General Skyfarer	63	55	54	172
17	George Lewis	8	Rearwin	56	48	61	165
18	Pete Azure	128	Fairchild Ranger	59	93		152
19	Dan Kranis	13	Cessna C-34	62	40	46	148
20	Pete Azure	128	Stinson Voyager	90	55		145
21	Doug Morrow	167	Porterfield	36	70	24	130
22	Vance Gilbert	28	Avro 547 Tripe	60	40	22	122
23	Jack McGillivray	49	DH Moth Minor	120			120
24	Paul Boyanowski	115	Piper	120			120
25	Jack Noll	162	Corben Super Ace	36	74		110
26	John Houck	24	Rearwin Speedster	43	30	34	107
27	Jack Noll	162	Westland Widgeon	39	48		87
28	Paul Helman	11	Fairchild	51	30		81
29	Bob Laybourne	68	Interstate Cadet	27	40		67
30	Bruce Foster	90	Stinson Reliant	25	41		66
31	Bob Lundberg	94	Piper J3	45			45

MODERN CIVIL				Geneseo '00 Nats			
Position	Contestant	Entrant#	Plane	Flight Times			Total
1	Stu Weckerly	32	Found Centennial 100	120	120	120	360
2	Scot Dobberfuhl	69	Piper Clipper	120	101	120	341
3	Jack Moses	17	Piper Pacer	118	91	120	329
4	Jim Detar	155	DH Beaver	97	120	108	325
	Jim Detar	155	PA-16 Clipper	120	110	93	323
5	Dave Rees	38	Piper Super Cruiser	94	104	120	318
7	Orv Orm	151	Piper PA-16 Clipper	120	89	77	286
8	Tim MacDonald	125	Pilatus TurboPorter	94	85	100	279
9	Doug Griggs	187	Cessna 180	60	120	38	218
10	Bob McLellon	84	Voyager	76	68	58	202
11	Dan Griggs	188	Piper Tri-Pacer	51	86	64	201
12	Jack Kacian	161	Cessna 180	46	87	59	192
13	Jack Barker	61	Piper PA-16 Clipper	34	98	57	189
14	Doug Morrow	167	Cessna	33	39	108	180
15	Eler Mellander	102	PC-6 Porter	57	54	59	170
16	Mike Zand	184	Piper Super Cruiser	50	65	49	164
17	Lynne Lewis	9	Pilatus PC6	72	38	41	151
18	Dan Driscoll	138	Helio Plane	57	61	29	147
19	Jack Noll	162	Pilatus	50	45	48	143
20	Bill Bell	121	Piper Clipper	32	27	40	99

GOODYEAR MIDGET RACE			Geneseo '00 Nats	
Position	Entrant	Plane		
1	Paul Boyanowski	Wittman Buster		
2	Jack Kacian	Wittman VW		
3	Richard Zapf	Lil Gem		
4	Chris Parent	Sonerai		
5	Dave Stott	Sonerai		
	Tom Nallen I	Bonzo		
	Chirs Starleaf	Chris Starleaf		
	Dave Niedzielski	Dixon Special		
	George Bredehoff	Falcon Special 2		
	Dave Livesay	Halburt Hurricane		
	Gordon Roberts	Igdits Midget		
	Steve Griebing	Igdits Midget		
	Stew Meyer	Long		
	Ray Rakow	Sonerai		
	Larry Peavy	Thompson Balboni		
	Scot Dobberfuhl	Thompson Balboni		
	Ed Pelatowski	Wittman V		
	John Houck	Wittman VW		

Position	Contestant	Entrant#	Plane	Flight Times			Fi. Score	Scale Sc.	Bonus	Total
1	Joe Barish	91	Me 232 Gigant	107	x	x	79.25	61	3.25	143.5
	Joe Barish	91	Martin M130	120	x	x	82.5	60.5		143
2	Chris Starleaf	47	DH-84	80	78	x	70	59	12.5	141.5
3	Ed Pelatowski	29	Gryo Crusader	34	97	31	76.75	55	6.25	138
4	Terry Pittman	132	Farman Jabiru	66	120	x	82.5	52.5		135
5	Jack Noll	162	DH-8	90	96	120	82.5	48		130.5
6	Frank Slavin		Boeing Stratoliner	27	x	x	27	37	44	108

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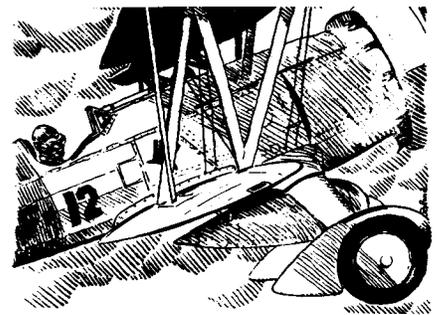
JUMBO SCALE				Geneseo '00 Nats						
Position	Contestant	Entrant#	Plane	Flight Times			BEST	SCALE	BONUS	Total
1	Dave Rees	38	Cart	44	71	x	65.5	57.5	35	158
2	Vance Gilbert	28	Cart Z 506	31	36	73	66.5	50	40	156.5
3	Chris Starleaf	47	A26	52	83	79	71.5	59	25	155.5
4	Mark Fineman	46	S.M. 92	94	58	79	76	52	25	153
5	Tom Hallman	12	Gadfly	68	99	120	82.5	60	10	152.5
6	Vance Gilbert	28	Lincoln Standard	88	113	112	80.75	56.5	15	152.25
7	Walt Kornrich	191	Pitcairn Fleetwing	60	60	101	77.75	56.5	15	149.25
8	Jack Moses	17	IS-4	111	91	120	82.5	53.5	5	141
9	Pres Bruning	14	Ju-88	52	55	x	55	55.5	25	135.5
10	Mark fineman	46	Speed Vega	49	50	116	81.5	53	x	134.5
11	Pete Azure	128	Wildcat	71	101	120	82.5	46.5	5	134
12	Leon Bennett	131	Moth Minor	48	115	x	81.25	42	10	133.25
13	Stu Weckerly	32	Found Float Plane	120	x	x	82.5	45	5	132.5
14	Rich Zapf	63	Northrup Gamma	86	x	x	73	46	10	129
15	Larry Sayer	189	Rearwin Speedster	61	118	97	82	43	0	125
16	Dave Stott	42	Hisso Standard	45	41	x	45	60	15	120
17	Paul Helman	11	Pinto	21	22	x	22	44.5	10	76.5

EMBRYO Geneseo Nats '00										
Position	Contestant	Entrant#	Plane	Flight Times			Bonus	Total		
1	Herb Kothe	56	Go Devil	120	115	120	9	364		
2	Mike Burns	70	Embryomatic	118	120	113		351		
3	Jim Mosley	124	Embryomatic	86	120	120	9	335		
4	Dan Kane	170	Flaming Eye	120	107	62	9	298		
5	Sam Burke	129	Moth	71	89	76	9	245		
6	Bob Marchese	186	Prairie Bird	31	91	99	8	229		
7	Steve Griebling	6	DeBut	120	90		9	219		
8	Ed Pelatowski	29	Pink Lady	50	109	53		212		
9	Bill Orphan	140	Honey Bee	56	65	70	9	200		
10	Gene Sellers	168	Thermal Picker	49	67	73	9	198		
11	Vern Neff	44	Clark Y	69	120		8	197		
12	Mike Nassisi	137	Tablehopper	60	53	63	5	181		
13	Mike Zand	184	DeBut	47	56	62	9	174		
14	Ken Bates	108	No Name	39	50	61	9	159		
15	John Houck	24	Hornet	53	48	57		158		
16	Don Lark	5	Honey Bee	59	45	53		157		
17	John Stott	31	Nit II	60	83	4	9	156		
18	Noel Kirby	27	Scimitar	51	74		9	134		
19	Len Wiczorek	80	Skyhawk	120				120		
20	Don Hannam	123	No Name	41	44			85		
21	Eimer Mellander	102	Hornet	26	36		9	71		
22	Dave Livesay	127	RCAF Cadet	66				66		
23	Don DeCook	120	T-Bird	57				57		

FAC GIANT SCALE Geneseo '00 Nats										
Position	Contestant	Entrant#	Plane	Flights			Fi. Score	Scale	Sc. Bonus	Total
1	Dave Rees	38	Ag Cat	46	101	x	77.75	53	15	145.75
2	Tom Nallen II	111	Secat MDG LD 45	77	75	85	72.5	55	15	142.5
3	Mark Fineman	46	Malibu Mirage	35	64	84	72	52	10	134
4	Ed Bojan	7	Nesmith Cougar	70	116	x	81.5	51	0	132.5
5	Dave Stott	42	E-2 CVB	109	x	x	79.75	49	0	128.75
6	Bob Bojanowski	19	Rearwin Speedster	85	x	x	72.5	56	0	128.5
7	Tim Buchner	133	Corben Supracer	54	93	67	75.75	47	5	127.75
8	Leon Bennett	131	Fournier	34	59	77	68.5	44.5	10	123
9	George Lewis	8	Leopard Moth	62	54	x	61	54.5	0	115.5
10	Dan Kmis Sr.	13	Arado 96	56	48	x	56	42	10	108
11	Chuck Wenlock	23	Beardmore Inflexible	25	39	x	39	49	15	103
12	Ed Novak	35	Monarch B	39	36	34	39	53	0	92

OLD TIME COMMERCIAL RUBBER				Geneseo '00 Nats				
Position	Contestant	Entrant#	Plane	hree Flights			Flyoff	Total
1	Herb Kothe		Crusader	120	120	120	1	360
2	George Lewis		Miss Canada	120	120	120	2	360
3	Jim Moseley		Wren	120	120	120	3	360
4	Richard Moore		Orr's Pacer	120	120	120	4	360
5	Steve Griebling		Miss Canada	120	120	120	5	360
6	Hal Lorimer		Wren	120	119	120		359
7	Vic Nippert		Jabberwock	120	111	120		351
8	Larry Sayer		Miss Canada	120	108	120		348
9	Dick Hawes		Victoria Parker	120	102	120		342
10	Ted Teach		Pacific Ace	117	104	120		341
11	Don DeCook		Stahl WT. Rule	120	117	95		332
12	Paul Stott		Snooky	103	120	103		326
13	Don Hannam		Hi-climber	110	106	101		317
14	Mike Zand		Victory	75	104	120		299
15	John Houck		Convertible	79	70	103		252
16	Ed McQuaid		Sparky	77	73	100		250
17	L. Smith		Commander	45	105	94		244
18	David Seath		Cahill C	107	116	x		223
19	Richard Moore		Hi-Climber	103	120	x		223
20	Orv Olm		Miss Canada Jr.	98	120	x		218
21	Vet Thomas		Miss Canada	97	120	x		217
22	Fred Wunsche		Miss Canad	118	91	x		209
23	Tony Willis		Achilles	120	2	86		208
24	Vic Nippert		Miss Canada	107	97	x		204
25	Dave Pishnery		36 Trainer	76	73	47		196
26	Stu Weckerly		Victory	85	110	x		195
27	Gordon Roberts		Sprite	112	81	x		193
28	Bruce Foster		Korda	52	52	75		179
29	Ken McConnell		Sparky	109	67	x		176
30	Jack Barker		Phantom Fury	61	46	53		160
31	Bob McLellon		Norseman	71	79	x		150
32	David Seath		Miss Canad	120	x	x		120
33	Sam Burke		Victory	120	x	x		120
34	Ken McConnell		Flying Cloud	89	x	x		89
35	Ted Lewis		Sky Gull	34	37	x		71
36	Orville Williamson		FA Moth	63	x	x		63
37	Elmer Mellander		Miss Canada	56	x	x		56
38	Bill Bell		O'Reliable	40	x	x		40
39	Bill Penny		Korda Conquerer	28	x	x		28

GOLDEN AGE MILITARY MASS LAUNCH			Geneseo '00 Nats	
Position	Entrant	Plane		
1	Chris Starleaf	Ikarus IK-2		
2	Frank Rowsome	Mureaux		
3	Tom Hallman	Mitsubishi IMF-1		
4	Bob McLellon	Westland F&-30		
5	Steve Griebling	Arado 66		
	Bob Lundberg	Armstrong Ape		
	Dan Kranis	Curtiss Goshawk		
	Del Balunek	Fiat CR-32		
	David Franks	Heinkel 100V-2		
	Nate Sturman	Kawasaki KI-10		
	Jim Miller	Martin MO-1		
	Scot Dobberfuhl	Martin MO-1		
	Jack Moses	Martin MO-1		
	Richard Zapf	PZL P-1		
	Bob Clemens	Ryan YO-51		
	Dave Rees	Vultee V-11B		



THOMPSON RACES		
Position	Entrant	Plane
1	Zapf, Richard	LTR 14
2	Roberts, Gordon	Mr. Mulligan
3	Griebling, Steve	Cessna CR3
4	Hallman, Tom	Loose Sp Racer
5	Scot Dobberfuhl	Cessna CR3
	McGillivray, Jack	Cessna CR3
	Mike Nassise	Cessna CR3
	Stott, Dave	Losse Sp Racer
	Bob Bojanowski	Marcoux Bromberg
	Don Lang	Marcoux Bromberg

OLD TIME KIT SCALE				Geneseo '00 Nats			
Position	Contestant	Entrant#	Plane	Best of Three Flights			Final
1	Steve Griebling		Rearwin Speedster	398	x	x	398
2	Gordon Roberts	75	Taylorcraft	104	334	x	334
3	Bert Phillips	165	Cessna	174	x	x	174
4	Scot Dobberfuhl	69	Mr. Mulligan	134	x	x	134
5	Dave Stott	42	Aeroneer	110	x	x	110
6	Mike Zand	184	Allied Sport	52	76	52	76
7	Mike Zand	184	Taylorcraft	76	64	53	76
8	Mark Fineman	46	Rearwin	40	54	74	74
9	Paul Stott	43	Spartan Fighter	73	x	x	73
10	L. Smith	39	Canuck	46	59	62	62
11	Paul Helman	11	Fairchild 24	29	32	60	60
12	Ken Bates	108	Miles Mohawk	24	21	x	24

GREVE RACES		
Position	Entrant	Plane
1	Paul 'Boyowski	Fokerts SK4
2	Dave Niedzielski	Mr. Smoothie
3	Richard Zapf	Keith Rider R-1
4	Chris Starleaf	Chambermaid
5	Gordon Roberts	Chambermaid
	Dave Livesay	Mr. Smoothie
	Jack McGillivray	Mr. Smoothie
	Tim Mac Donald	Jack Rabbit
	Jim DeTar	Floyd Bean
	Jack Kacian	Caudron C-460

FAC HI-WING PEANUT SCALE						Geneseo Nats '00			
Position	Contestant	Entrant#	Plane	Flight Times		BEST	SCALE	Total	
1	Steve Griebing	6	Lacey M-10	91	120		82.5	139.5	
2	Gordon Roberts	75	Lacey M-10	114			81	137	
3	Gene Smith	25	Piper Colt	102	57	60	78	135	
4	Stu Weckerly	32	Stout 2AT	60	91		75.25	127.25	
5	Vern Neff	44	Clipped Wing Taylorcraft	73	87		73.5	126.5	
6	Dan Driscoll	138	Cougar	53	73	91	75.25	124.75	
7	David Smith	158	Lacey M-10	87	76	90	75	120	
8	Jim Miller	60	Lacey	69			64.5	115.5	
9	Tom Hallman	12	Clipped Wing Cub	53	52		53	112.5	
10	Vance Gilbert	28	Pilatus Turbo Porter	53	52	30	53	112.5	
11	Ed Pelatowski	29	Wittman Tailwind	43	58	44	58	112	
12	Mike Zand	184	Lacey	49	47	34	49	104	
13	Pete Kaiteris	45	Lacey M-10	54	39	39	54	102	
14	Jack Noll	162	Fike	27	43	48	48	99.5	
15	Mike Zand	184	Whitman Tailwind	31	24	29	31	87	
16	Bob McLellon	84	Vagabond	45	68	85	72.5	72.5	
17	David Franks	2	Fiat G59A2	53			53	53	

FLYING HORDE (45 entrants)	Contestant	
	Position	1 Scot Dobberfuhr

ELECTRIC OLD TIME GAS REPLICA			Geneseo Nats '00					
Position	Contestant	Entrant#	Plane	Flight Times			Flyoff	Total
1	John Houck	24	Albatros	120	120	120	1	360
2	Tim Bucher	133	Simplex	120	120	120	2	360
3	Sam Burke	129	Interceptor	120	120	120	3	360
4	Vic Nippert	79	Kerswaps	120	120	120	4	360
5	Frank Roweson	65	New Ruler	120	120	120	5	360
6	Dan Kane	170	Strato Streak	120	120	120	out	360
7	Mark Rzacca	20	Zipper	120	120	114		354
8	Bob Clemens	136	Zipper	120	120	102		342
9	Jack Barker	61	Cleveland Viking	117	90	102		309
10	Neil Sommerin	106	Buzzard Bombshell	120	112	44		276
11	Mike Zand	184	Buzzard Bombshell	69	78	93		240
12	Mike Zand	184	Mini Ruler (CO2)	111	57	72		240
13	Herb Kothe	56	Playboy	120	98	x		218
14								0
15								0

AT-6 ONE DESIGN		
Position	Contestant	Plane
1	Richard Zapf	SNJ
2	Chuck Schobloher	AT6
3	Rich Ivers	Racer
4	Rich Weber	Wirraway
5	Bob Bojanowski	AT6
	John Houck	-
	Richard Talbot	SNJ-5
	Larry Marshall	Harvard
	Bill Mueffelman	SNJ
	John Rood	-

AEROL RACE	
Position	Contestant
1	Charlie Sauter

OLD TIME STICK RUBBER			Geneseo '00 Nats					
Position	Contestant	Entrant#	Plane	hree Flights			Flyoff	Total
1	Herb Kothe		Korda C	120	120	120	1	360
2	Vic Nippert		Sunspot	120	120	120	2	360
3	John Stott		Ritz	99	107	120		326
4	Don DeCook		Gollywock	103	120	96		319
5	Ed McQuaid		Gollywock	120	95	88		303
6	Bob Laybourne		Korda C	120	91	x		211
7	Stu Weckerly		Gollywock	94	114	x		208
8	Fred Wunsche		Wanderer	89	103	x		192
9	John Houck		Casano	102	90	x		192
10	Mike Zand		Gollywock	120	x	x		120
11	Doug Morrow		Gollywock	55	x	x		55

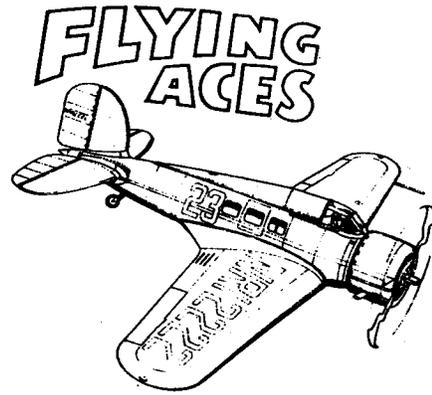
Fairchild 24 ONE DESIGN		
Position	Contestant	
1	Jim DeTar	
2	Tom Nallen II	
3	Richard Zapf	
4	Tim MacDonald	
5	Jack Moses	
	Derek Knight	
	Gordon Roberts	
	Chris Starleaf	
	John Houck	
	Bob Marchese	
	Dan Kranis	
	Douglas Griggs	
	Orv Olm	
	Bruce Finley	
	Ray Edgecomb	

FAC-NATS T-SHIRT FOR 2000

Get the latest FAC T-Shirt from this year's nats. It features the Lockheed Orion as she appeared in the Bendix Races of the 30's. Red and white aircraft on a white shirt, GREAT! At the present time we have all sizes although some sizes are in short supply so order early. The Orion was drawn once again by Bob Bojanowski, getting to be a regular thing with Bob. He does nice work!

Sizes; small, medium, large, x-large, xx-large and xxx-large. Price is \$12.50 Postpaid. Send orders to; FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506.

This year's souvenir plan is also of the Orion and the price of this beauty is only \$6.00 post paid. This one was drawn by Tom Nallen, I. Send your payment to FAC-GHQ as above.
GREAT DRAWING! 24" WINGSPAN

**WANTED:**

A copy of the plan for the Comet "Pepper". 3-view was in an issue of the N.F.F.S. Digest. Eddie Rowe, 146 Maple Dr., Endicott, N.Y. 13760.

FAC OUTDOOR CHAMPS

September 23/24, 2000 8:30 AM - 4:30 PM Muncie IN AMA National Flying Site
Registration: Entry fee \$10 flies all events. Contestants must be members of A.M.A. or MAAC
Name _____ AMA # _____
Street _____ JR/SR _____ OPN _____
City _____ State _____ Zip _____
Send to: Contest Director, Ralph Kuenz 14645 Stahelin Detroit, MI 48223-3608
Certificate Awards to third place, created by Dave Livesay.

Schedule of events:

Saturday Sept. 23

World War I * 11AM
Greve Race * 1 PM
FAC Scale
Golden Age Military * 3PM
Dime Scale
Golden Age Civil
Embryo
Old Time Stick **
Jimmie Allen **
Two Times No-Cal ***

Sunday Sept 24

World War II * 11 AM
Thompson Race * 1PM
Power Scale
Jumbo Scale
Peanut Scale
No-Cal Scale
Modern Civil
Old Time Cabin **
Modern Military * 3 PM
Erie Daily Times Modelplane ****

* Mass launch events. WW-I multi wing aircraft. Golden Age Military must have landing gear down.

** Old Time Rubber Events must have all flights turned in by 2:00PM each day to allow for fly-offs. Jimmie Allen, EDTM, and Old Time Rubber models must have plan to show that all aspects of the model are built according to plan, wheels, airfoil, fuselage width etc. (EDTM rules apply)

***Two Times No-Cal must be between 31" and 33" wingspan. No foam allowed.

****Plans & Rules for the Erie daily times Modelplane are available from FAC GHQ, 3301 Cindy Ln, Erie, PA 16506 (\$3 post paid.)

Motels in the immediate Muncie area are full. Here are some alternates within a reasonable distance.

Greenville, OH (45 min) Comfort Inn 937-316-5252, Greenville Inn 937-548-3613

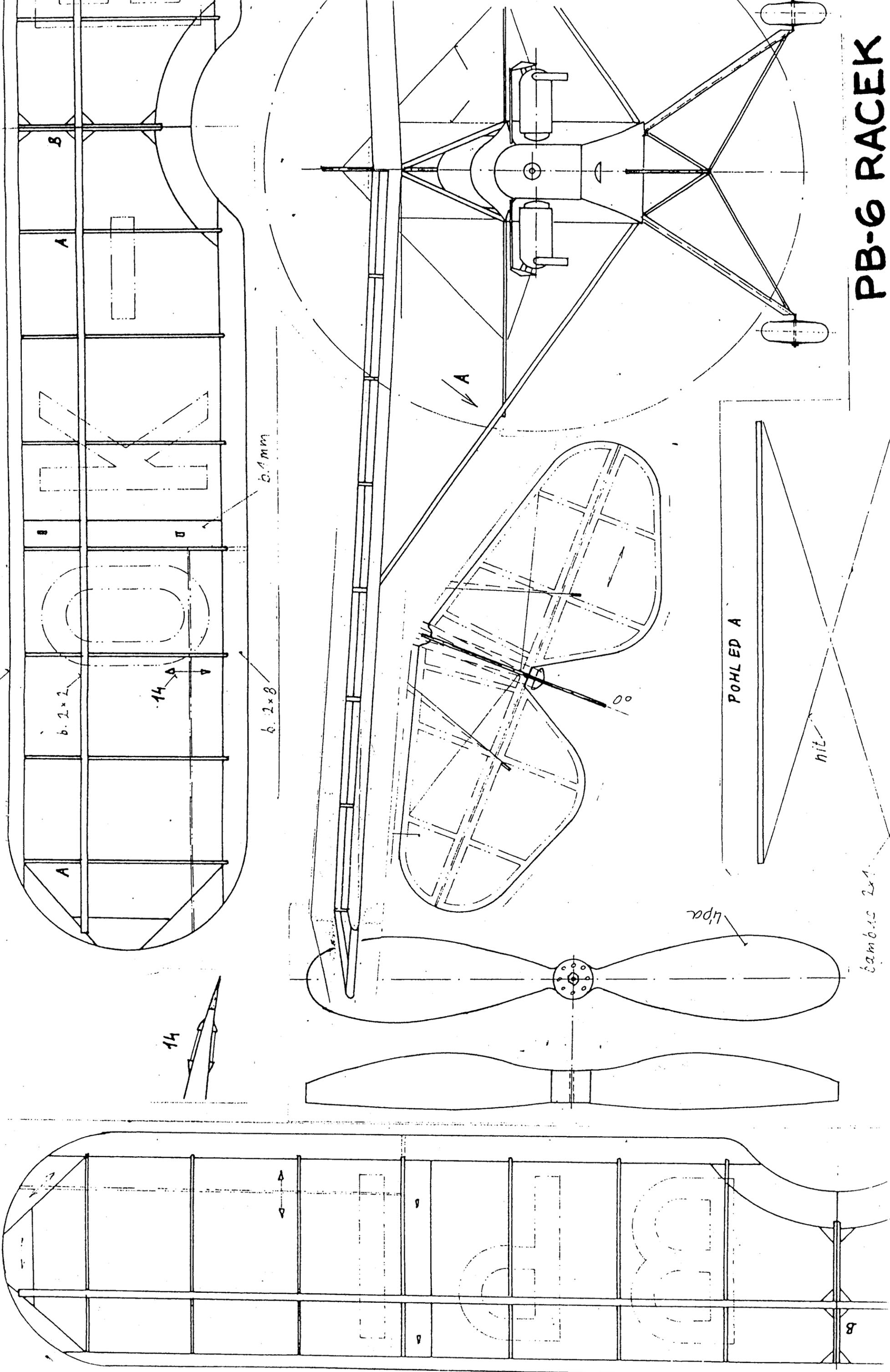
Portland, IN (45 min) Hoozier Inn 219-726-7113, New Super 8 219-726-8888,

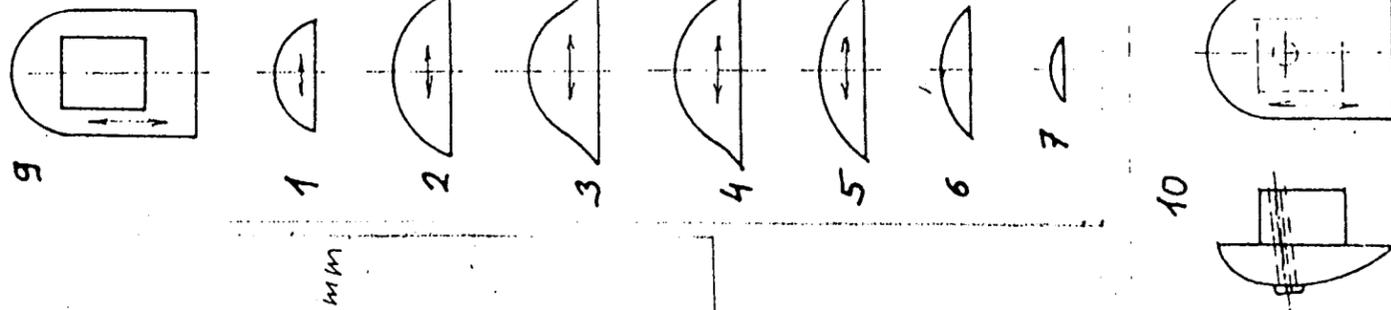
Newcastle IN (20 min) Rain Tree Inn 765-521-0100, Holiday Inn Express 765-529-0345

Newcastle Inn 765-529-1670, All American Inn 765-593-1212

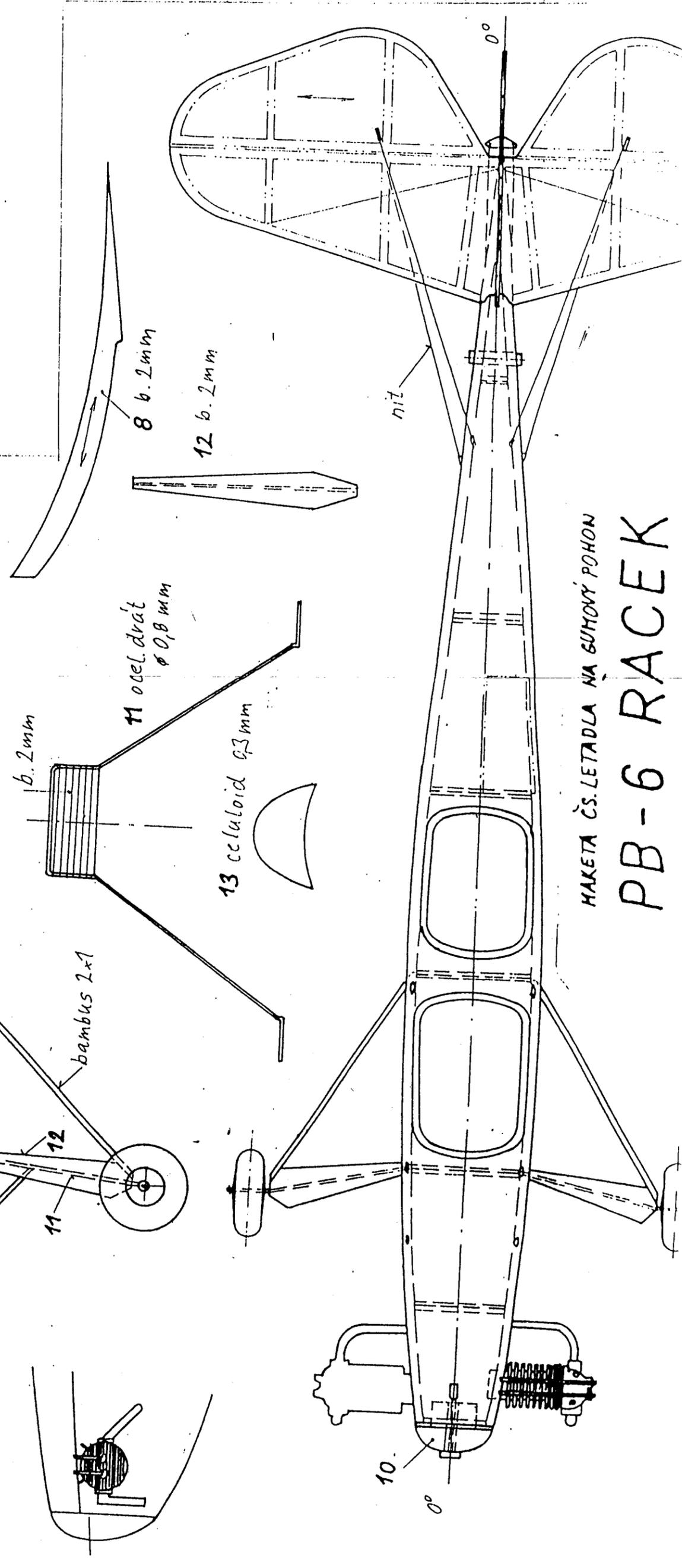
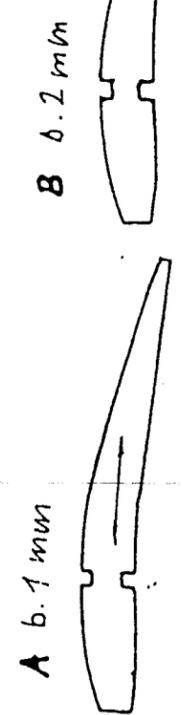
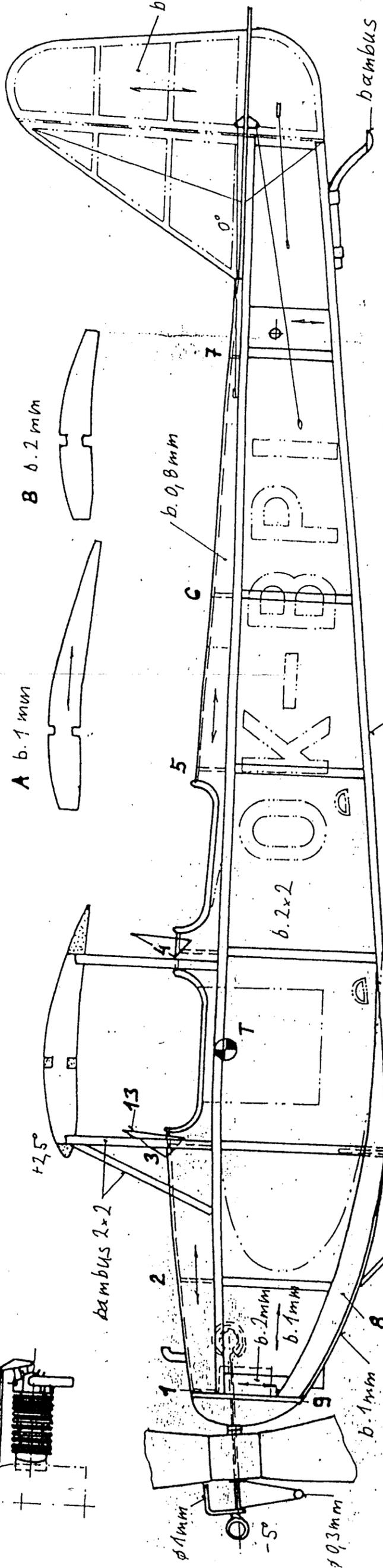
Warren IN (45 min) Super 8 291-375-4688

PB-6 RACEK

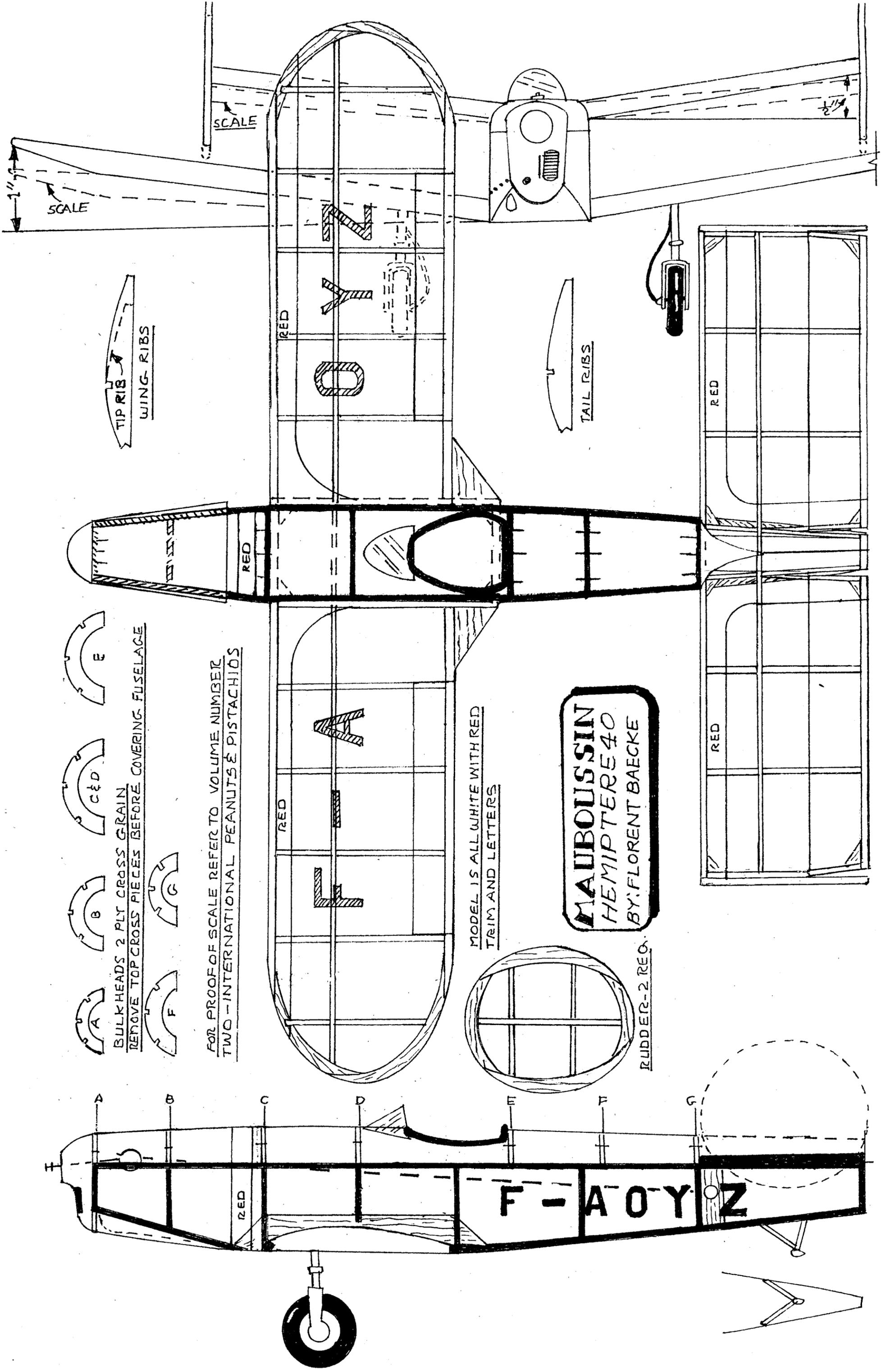




ROZPĚTÍ 500 mm
 DÉLKA 323 mm
 YAHA 26
 PŮHON PIRELLI 2x6/1
 POMĚR ZHŮSENÍ 1:2



MAKETA ČS. LETADLA NA GUMOVÝ PŮHON
PB-6 RACEK



TIP RIB
WING RIBS

TAIL RIBS

BULKHEADS 2 PLY CROSS GRAIN
REMOVE TOP CROSS PIECES BEFORE COVERING FUSELAGE

FOR PROOF OF SCALE REFER TO VOLUME NUMBER
TWO - INTERNATIONAL PEANUTS & PISTACHIOS

MODEL IS ALL WHITE WITH RED
TRIM AND LETTERS

MAUBOUSSIN
HEMIPTERE 40
BY FLORENT BAECKE

RUBBER - 2 REQ.

F - A O Y Z

RED

RED

RED

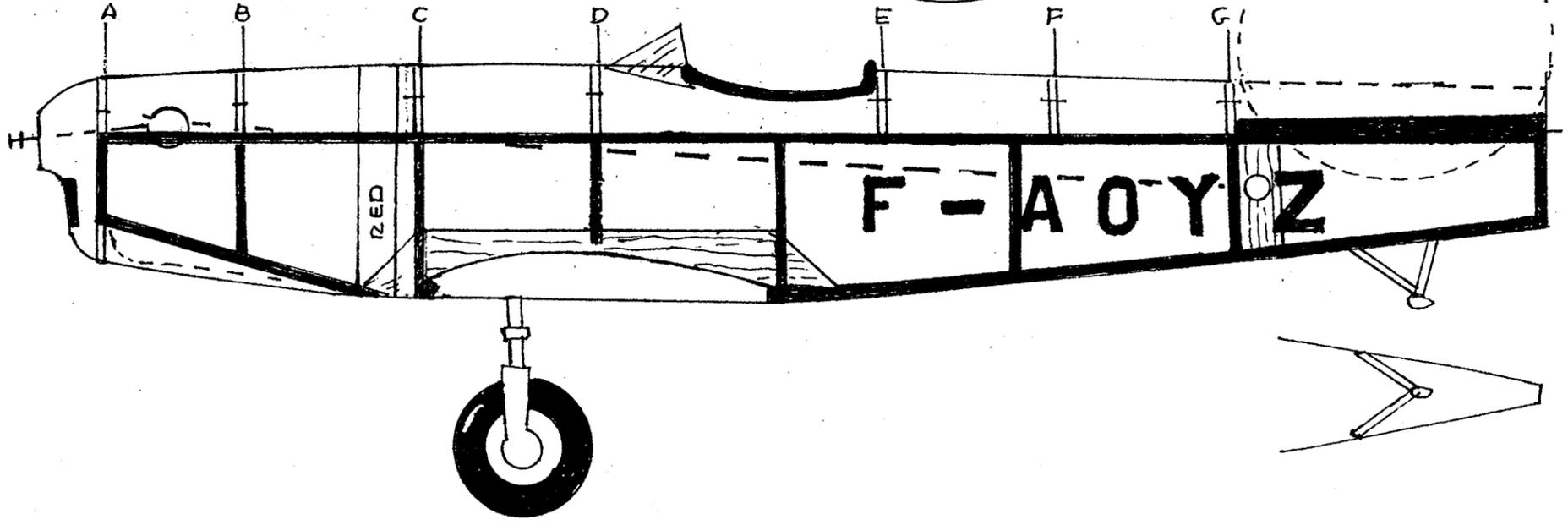
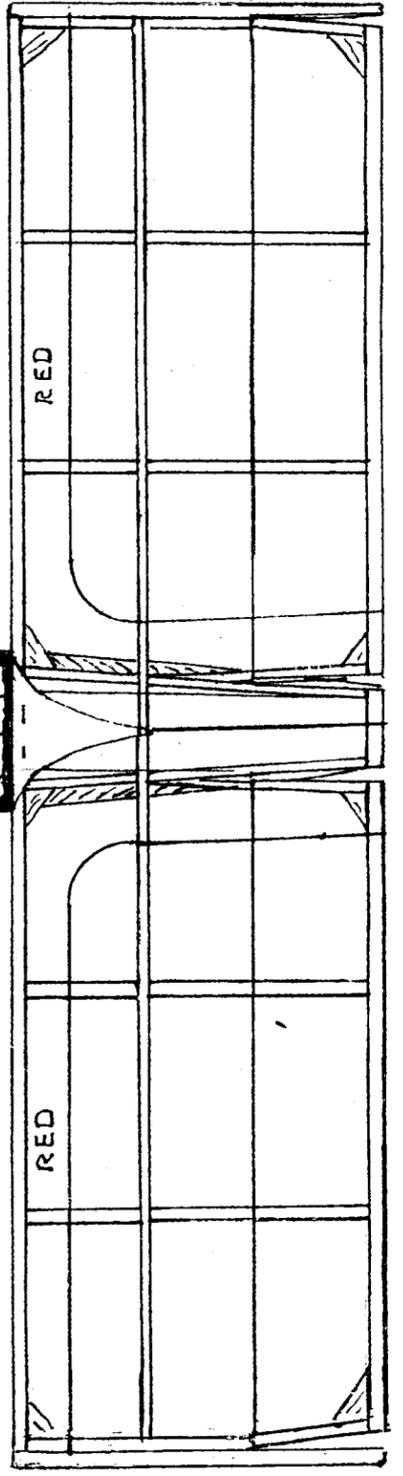
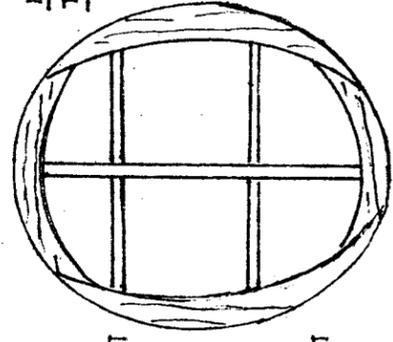
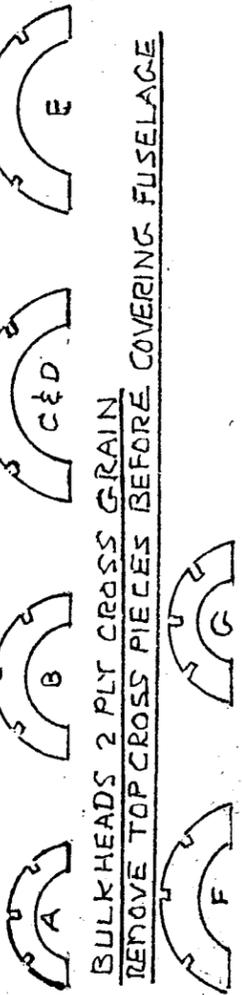
RED

RED

RED

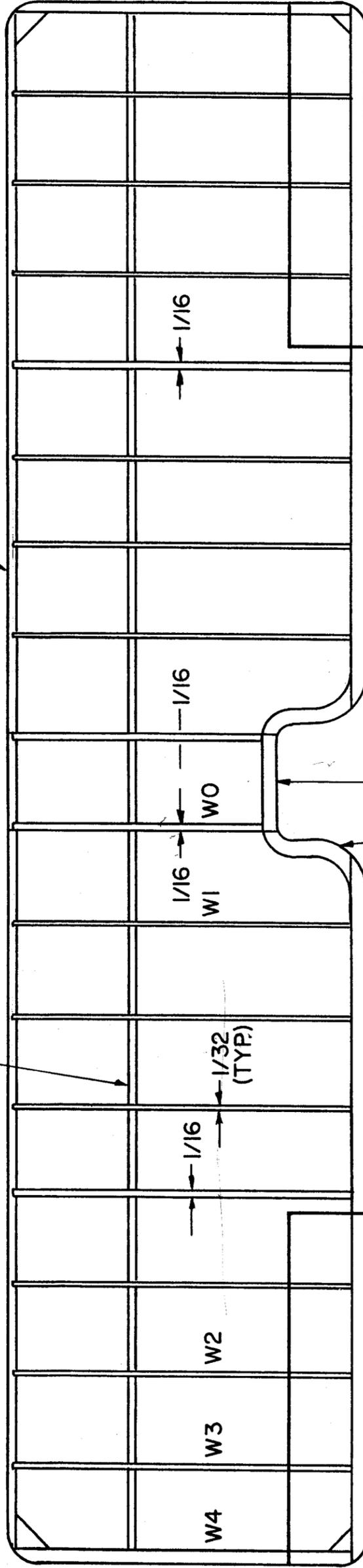
SCALE

SCALE

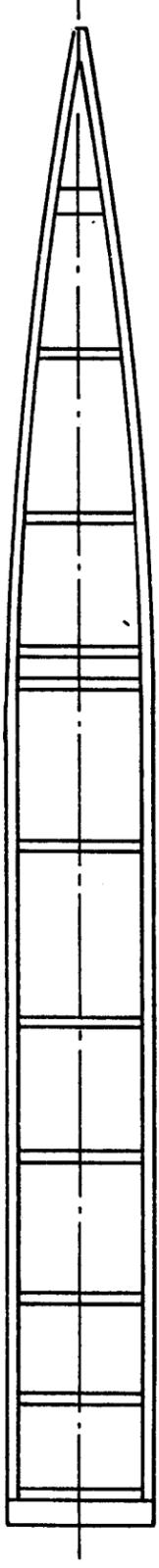
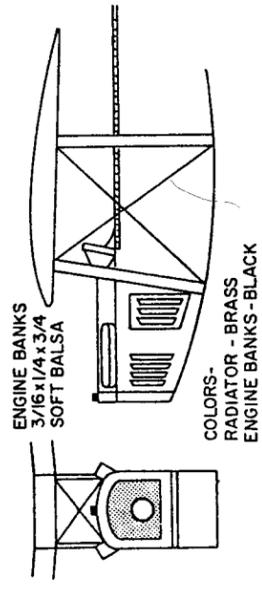


1/16 SQ. L.E.

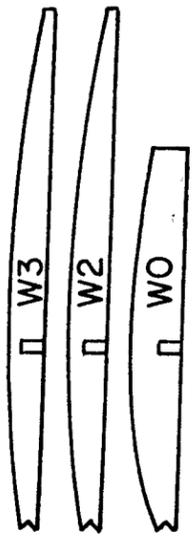
1/16 x 1/8 SPAR



1/32 x 1/16 BASSWOOD STRINGERS (3)



UNLESS OTHERWISE NOTED WOOD IS 1/16 SQ. Balsa



COVER TOP FRONT SECTION OF FUS. WITH BOND PAPER

CABANE STRUTS D 1/16 x 1/8 HD. Balsa

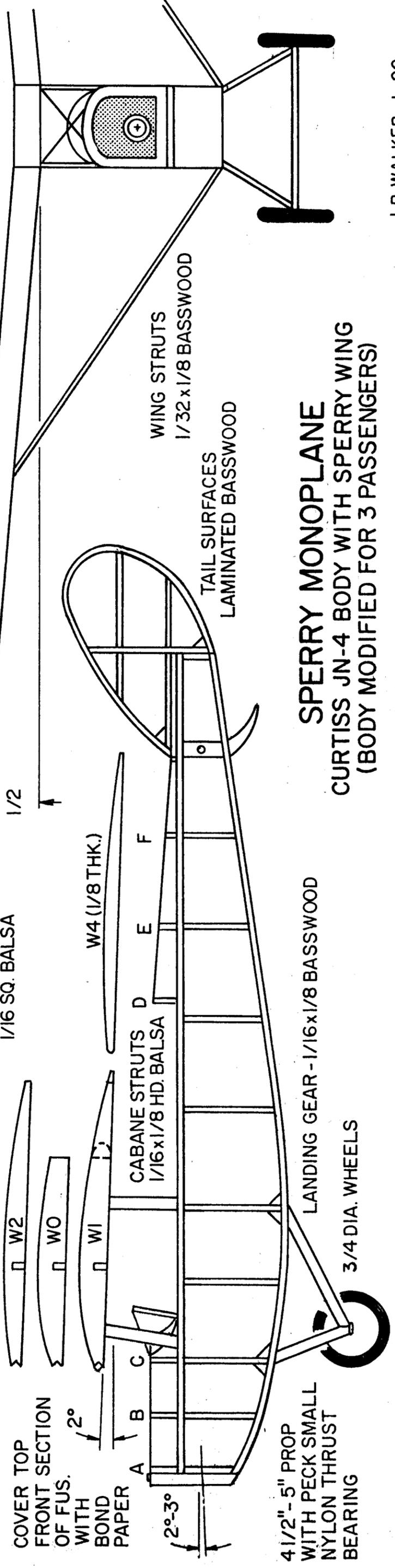
W4 (1/8 THK.)

E

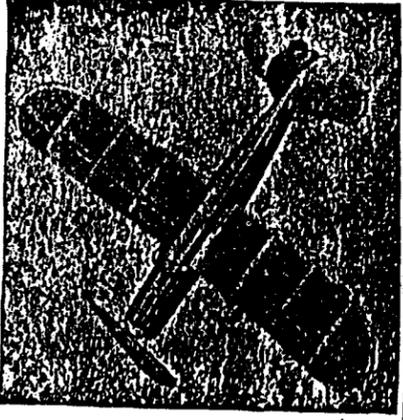
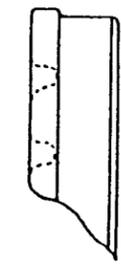
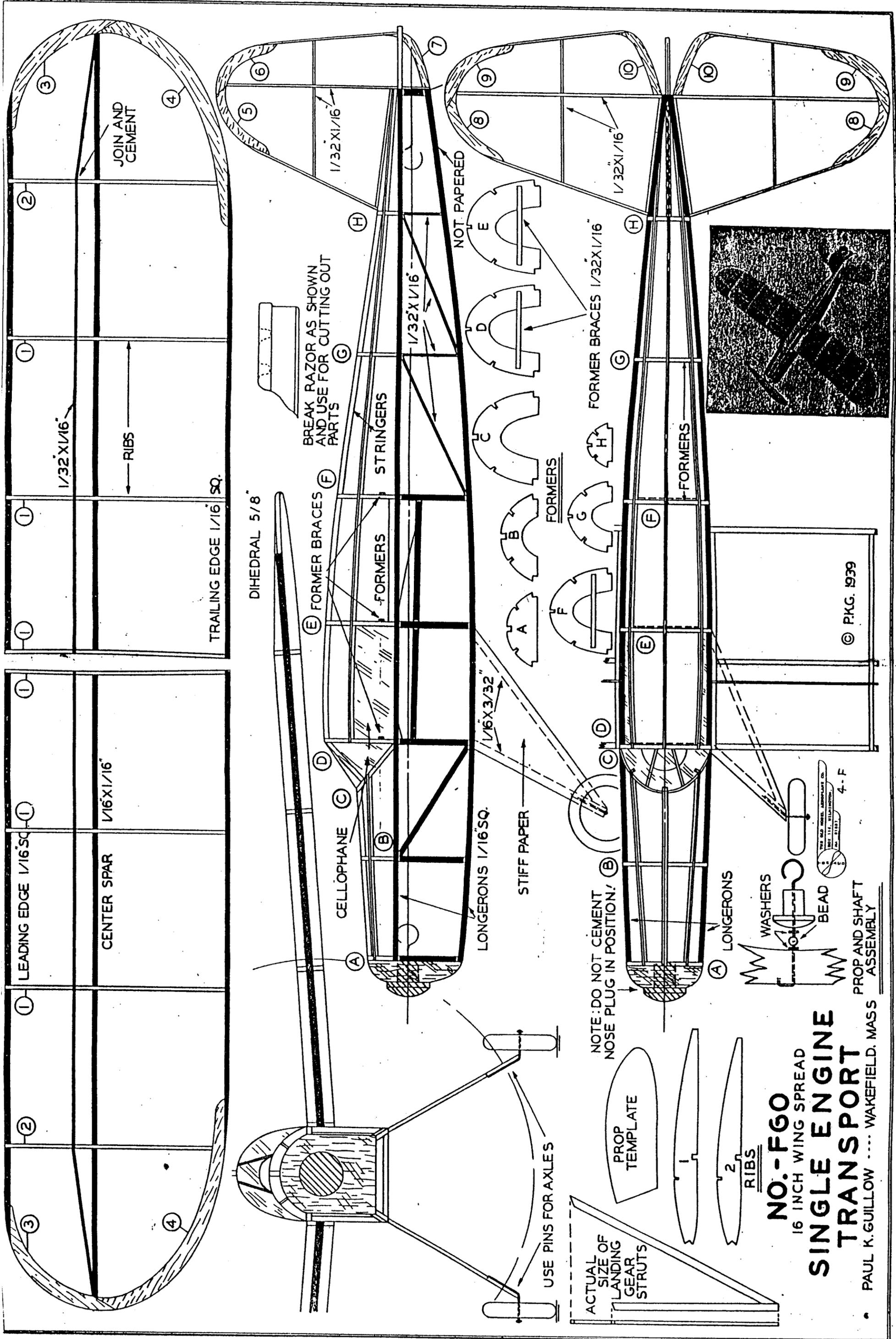
F

WING STRUTS 1/32 x 1/8 BASSWOOD

TAIL SURFACES LAMINATED BASSWOOD



SPERRY MONOPLANE
 CURTISS JN-4 BODY WITH SPERRY WING
 (BODY MODIFIED FOR 3 PASSENGERS)



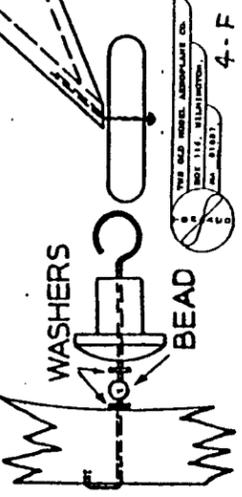
NOTE: DO NOT CEMENT NOSE PLUG IN POSITION!

NO.-F60
 16 INCH WING SPREAD
SINGLE ENGINE
TRANSPORT

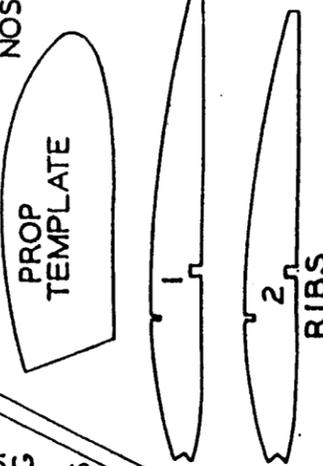
PAUL K. GUILLOW WAKEFIELD, MASS

PROP AND SHAFT ASSEMBLY

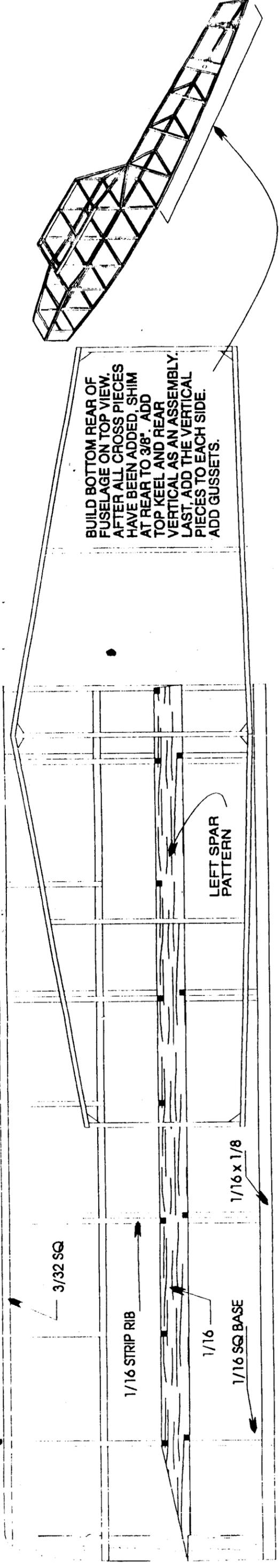
WASHERS
 BEAD



ACTUAL SIZE OF LANDING GEAR STRUTS

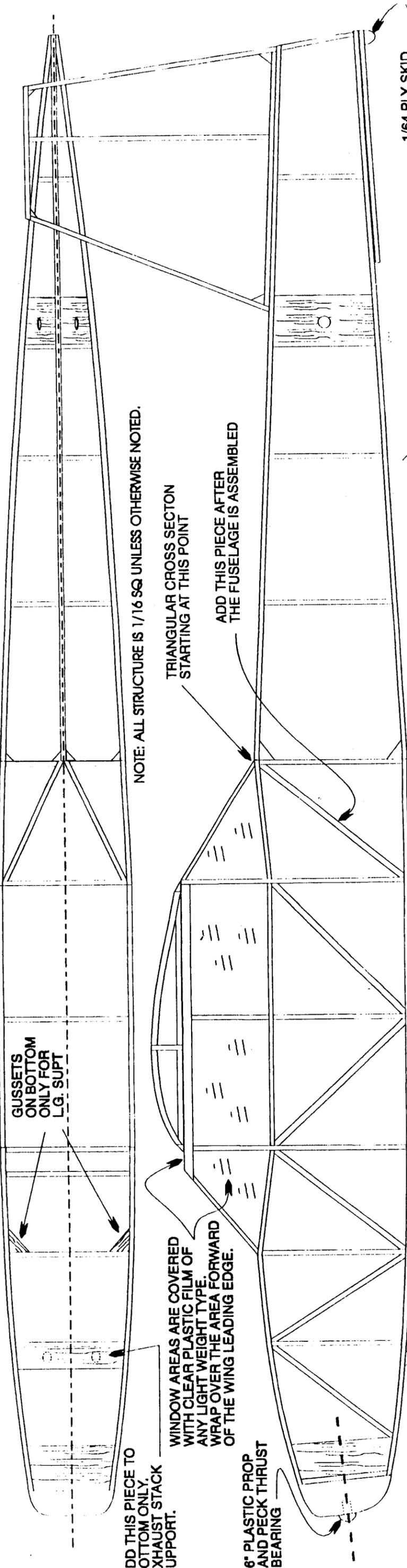


© PKG. 1939



BUILD BOTTOM REAR OF FUSELAGE ON TOP VIEW. AFTER ALL CROSS PIECES HAVE BEEN ADDED, SHIM AT REAR TO 3/8". ADD TOP KEEL AND REAR VERTICAL AS AN ASSEMBLY. LAST, ADD THE VERTICAL PIECES TO EACH SIDE. ADD GUSSETS.

1 3/8" DIHEDRAL UNDER EACH TIP



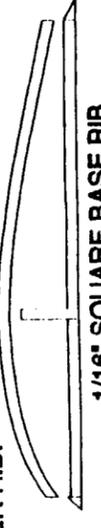
NOTE: ALL STRUCTURE IS 1/16 SQ UNLESS OTHERWISE NOTED.

WINDOW AREAS ARE COVERED WITH CLEAR PLASTIC FILM OF ANY LIGHT WEIGHT TYPE. WRAP OVER THE AREA FORWARD OF THE WING LEADING EDGE.

ADD THIS PIECE TO BOTTOM ONLY. EXHAUST STACK SUPPORT.

6" PLASTIC PROP AND PECK THRUST BEARING

CUT TOP RIBS FROM 1/16" SHEET. RIBS FIT INTO NOTCHES CUT INTO THE SPARS AS SHOWN ON THE SPAR TEMPLATES. USE HALF UPPER RIBS WHERE SHOWN ON THE PLAN WITH NO LOWER RIB.



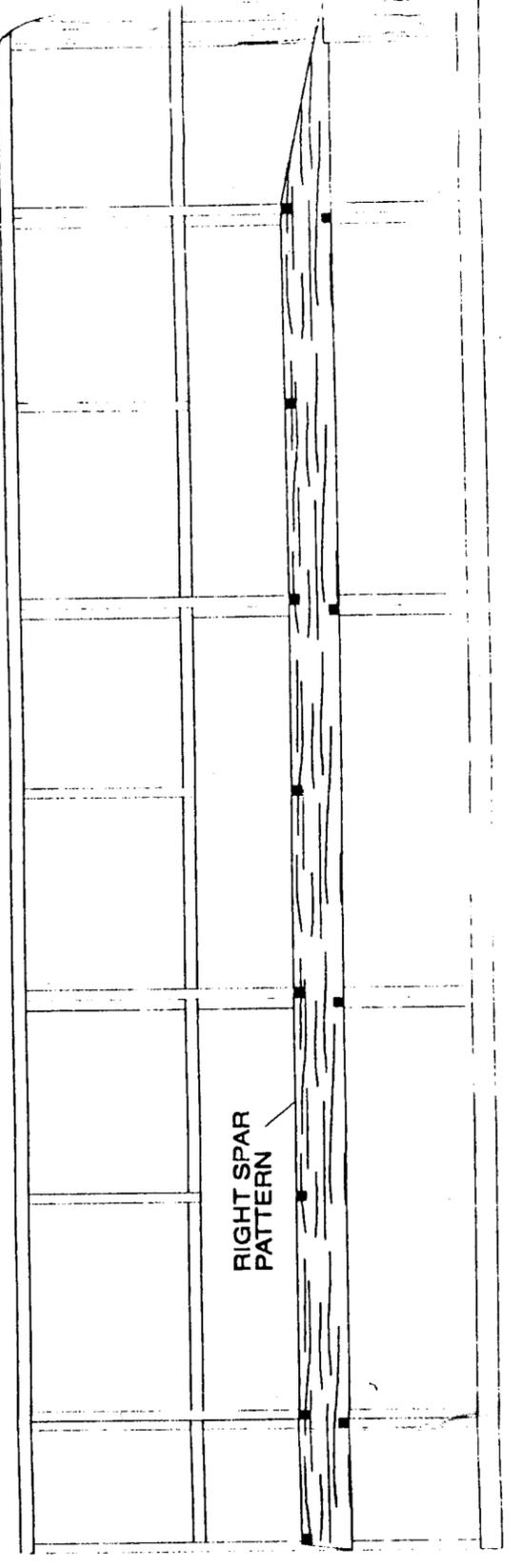
1/16" SQUARE BASE RIB

The **DREAMER**
EMBRYO
 DESIGNED AND DRAWN BY
 PAUL BRADLEY 9/95

1/8" DIA. AL. TUBE EXHAUST STACKS (2)

1/32 SIDES, 1/8 CENTER BALSAS, 3 PIECES

1/64 PLYWOOD/1/32 BALSAS LAMINATED WHEEL, 1/16" AL. TUBE AXLE BEARING.



RIGHT SPAR PATTERN