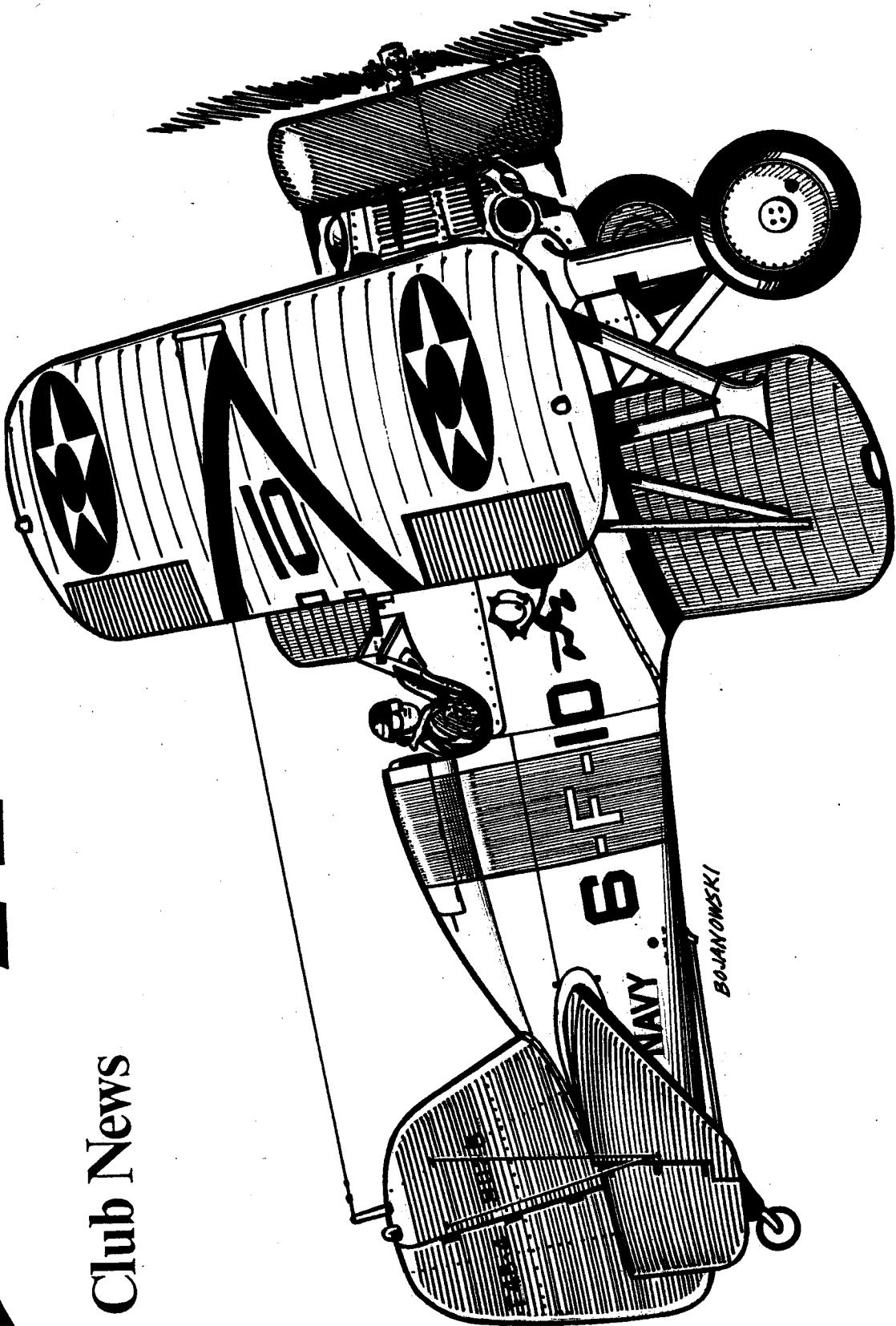


# FLYING ACES

ISSUE #218-144 July/Aug. 2004

FAC-NATS ISSUE

Club News





Once again our cover page is adorned with another fine drawing by Bob Bojanowski, this Gumbander continues to knock these drawings out for us. Great job Bob! Thanks also goes to all other FACers who contributed to this issue. The plans came from; Ivan Ruchesi from Argentina (Siemens-Schuckert E-1), William Hunter (Fieseler Fi-156C Storch), Michael Heinrich (Gee Bee Model D) and from the GHQ files we have the Curtiss Sparrow Hawk F9C-2)

Once again I have to say that if you didn't get to the FAC-Nats this time, you sure missed a great time. Even the weather was O.K. even though it rained a little now and then on both Friday and Sunday. But the great Ozone Chewers of the FAC did not let a little rain keep them from the skies over Geneseo, N.Y. I believe that we had a record number of official flights recorded for a three day contest. Great going Skysters! All of the official results are in this issue, so study it closely so you know what to build for the next BIG one at Geneseo next year.

I want to thank everyone who helped put this contest on and made it a success. I won't name names as I know I'll forget someone and I certainly don't want to do that because everyone did a fantastic job!

One of the highlights of the meet was the final tribute to our HERO Bob Thompson AKA Captain Down-thrust, one of the Founding Fathers of the current Flying Aces Club. The Detroit Cloudbusters brought some wine with them and all of us toasted Bob on his last flight as one of his models was launched into the wild blue yonder attached to a batch of helium filled balloons. A lot of us were teary eyed as the model ascended in to the clouds. A GREAT send-off to a good friend.

We hope to see you all at Muncie, In. On Sept. 11 and 12, 2004 for the FAC Outdoor Champs.

BUILD---FLY---WIN.....EFF---AAA---CEEE!!!!

Col. Lin Reichel, CinC, FAC



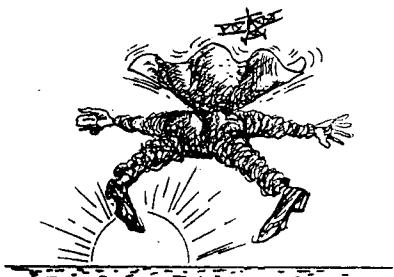
The  
**FLYING ACES CLUB**

is a society of unique individuals with a common interest that at times borders on a passion. It is our intent to preserve and promote the traditional building and flying of free flight stick and tissue model aircraft. Although competitive at times, the sharing of innovations, assistance and camaraderie is second nature to all that believe in the unique spirit of the FLYING ACES CLUB.

## MORE NOTES FROM THE FAC-NATS

Congratulations are in order for all of the top finishers at the nats. Competition was very close once again in most of the events, as it should be, but the seriousness of the competition does not interfere with the friendly atmosphere and the comraderie of the FAC.

A special congratulation goes to this year's inductees into the FLYING ACES HALL OF FAME. They are; Leon Bennett, Gordon Roberts, Walt Mooney, Dave Niedzielski, Len Wieczorek and Jack Moses. HATS OFF to them all!!!!!!



### GONE WEST

We are saddened by the passing of four more members of the FAC. Ray Pech of Orchard Park, N.Y., Tom Shaw of Westwood, N.J., Ted Wales of Westwood, Ma. And LeVon Kuehne of Bryon, Ohio.

Ted Wales was a long time member of the FAC, Dateing back to the early days of the current Flying Aces Club.

LeVon Kuehne had been a longtime member also and was a good friend of us here at GHQ.

Our condolences to the departed members families and their many friends. They will all be missed.

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. Cost in Canada is \$20.00 per year. Overseas the cost is \$25.00 per year. All in U.S. dollars. Six issues per year, published approximitly every other month. Please make checks payable to; "Flying Aces". Send to FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506.

## FAC NATS PRIZE DONORS

GHQ wishes to thank the following members and manufacturers for their contribution to the prize list. Their donations sure help to make the contest the success it has become.

Peck-Polymer  
Hannan's Runway  
Mike Repko  
Darren & Don Doman  
Charles Schultz Plans  
Fred Wunsche  
Charlie Schobloher  
Rick Isaackson  
Diane & Roy Courtney  
John Blair  
Jack Moses  
Black Sheep Squad. FAC  
Classic Aircraft Model Co.  
Flite Tech/Allen Brush  
Fantasy Flyers  
Bob's Aircraft Doc.  
Lone Star Models  
Lin Reichel  
Penn Valley Hobby  
F.A.I. Model Supply  
Gizmo-Geezer Products  
Dumas Aircraft Kits  
Mike Midkiff  
Golden Age Reproductions  
Lone Star Balsa  
Alan Hunt Plan Service  
Diels Engineering, Inc.  
Shorty's Basement  
Neil Dennis  
Easy Built Models  
Dave Livesay  
Lee Campbell Model Supply  
Fred Gregg  
Neil Somerin  
Bob Isaacks  
Bob Clemens

## NOTES FROM THE FAC NATS MARK XIV

**GRAND CHAMP, SCALE:**

**TOM HALLMAN**

**GRAND CHAMP, NON-SCALE:**

**HERB KOTHE**

**EARL STAHL AWARD** for most outstanding scale model.....**TOM HALLMAN'S** Mitsubishi M1F.

**WALT MOONEY AWARD** for best Peanut model.....**BRUCE FINELY'S** Heinkel 1007.

**COLE PALEN AWARD** for winner of WWI Combat.....**AL LAWTON'S** Fokker DVII.

**EARL VAN GORDER**

**MEMORIAL TROPHY** for most outstanding WWII model.....**ORVILLE OLM'S** BF 109G.

**CHEETWELL CUP** for misinterpreting a scale rule he helped write.....**ALLEN SCHANZLE**.

**CATS ASS TROPHY** for best SCALE CRASH

(crashing into a full scale automobile).....**TOM NALLEN II'S** GEE BEE QED.

**CATS ASS TROPHY** for best GENERAL CATAGORY CRASH

(a total dork-in after surviving a midair collision).....**AL LAWTON'S** MR. SMOOTHIE.

**ANGUS MCSCHADENFUEHER AWARD** for the best HIGH WING CABIN MODEL flown in  
FAC SCALE (MAX flight with 58 scale points) .....**TOM HALLMAN'S** CESSNA C-38.

**AEROL TROPHY AWARD**.....**ED PELATOWSKI'S** FOLKERTS SK-3.

**MOST OUTSTANDING "JUNIOR" COMPETITOR**.....**DENNIS "DJ" RUHLAND**.

**BLUE MAX AWARDS:**

**DAVID FRANKS, MIKE ISERMANN, GEOFF PHILLIPS and LINCOLN ROSS.**

**HALL OF FAME** inductees for 2004: **LEON BENNETT, WALT MOONEY, JACK MOSES,**  
**DAVE NIEDZIELSKI, GORDON ROBERTS and LEN WIECZOREK.**

**167 CONTESTANTS** and one guest "**SPIRIT**" .....**BOB THOMPSON!**

**40 EVENTS** and one "**HAPPENING**" .....one of Bob Thompson's models was sent **OOS!**

**217 SCALE MODELS JUDGED** .....only two models per scale event per contestant this year.

**1,650 OFFICIAL FLIGHTS**.....190 more flights than 2002.

178 MAXES (just 4 less than the 2002 FAC NATS) and 407 mass launch flights (409 in 2002).

**MEMBERS WHO HAVE BEEN TO EACH OF THE FOURTEEN FAC NATS:**

**LIN REICHEL**

**ROSS MAYO**

**JOHN STOTT**

**JUANITA REICHEL**

**MARIE REES**

**JACK MOSES**

**VIC DIDELOT**

**DAVE REES**

**FERNANDO RAMOS**

## CLEEMAC WORLD-WIDE POSTAL COMPETITION

### Sponsored by Gizmogeezer Products

1 April 2004 to 31 December 2004

Class 1. Small Vintage Rubber Duration Pre - 1951 designs up to 25" span. To be constructed as per plan. A prop of any size may be used, but a folder may only be used when specified on the plan. D/T may be fitted.

Class 2. Small Vintage Rubber Scale Pre - 1951 designs up to 30' span, including all Keil Kraft and Veron kits of this size. Undercarriage must be fitted, in down position. Free-wheeling prop of any size.

Class3. CO2/Electric Replica Any published or kit design - vintage or modern, scaled to suit CO2 or electric power. Any size CO2 or electric motor(s) may be used, but CO2 tank limited to 3cc and electric battery limited to 1.2v x 150mA/hr (or 2.4v x 75mA/hr or 3.6v x 50mA/hr). Model to use same form of structure as original design.

Class 4. Odd Ball Any tailless, canard, delta, biplane, twin, etc up to 160 sq ins total horizontal flying surface area. Propulsion limited to 20 gms rubber, 15 sec engine run with i/c, jet limited to Jetex/Rapier type power, CO2 max 7cc tank, electric max 1.2v x 225 mA/hr or equivalent output, gliders max towline 50 metres.

Class 5. Open Scale. Any scale model with any or no power system. Gliders max towline 50 metres. Bonus added to each scoring flight: Wingspan under 20 ins - 40%, under 30ins - 20%. Mainplanes: 2 or more - 20%. Low wing monoplane - 10%

#### General Rules The object is to have FUN

1 All classes: 1st Flight max 60 sec. 2nd Flight max 90 sec. 3rd Flight max 120 sec.

If 3 maxes achieved make a 4th unlimited Flight.

2 attempts per flight. Attempt = less than 15 sec

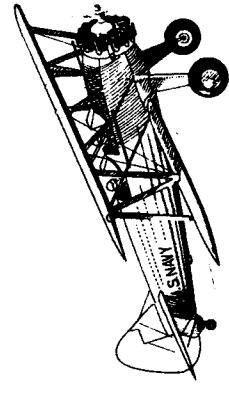
It is not necessary to max before going on to the next flight, except for the 4<sup>th</sup>.

2. Unlimited entries may be made, but no model to be entered more than once in any one class. If eligible, models may be entered in more than one class, but separate flights must be made for each class.
3. Points score system. (A) Up to 11 entries, last place 0 points, next to last 1 point, and so on to 1st place - ( 8 entries, winner gets 7 points). (B) Above 11 entries - 10/(no. of entries - 1) with first place awarded 10 points and last place 0 points, with resulting scores being rounded to one decimal place. Equal scores will share the points for those positions.
4. Each competitor's highest three scores for the individual championship.

5 Flights may be made at any time during the duration of the competition.

Winner of each Class has the choice of either a Gizmo Precision Freewheeler or Gizmogeezer T-shirt.  
Just make your flights and send in your results, by mail or e-mail, by the end of Jan 2005. Any anecdotes, weather information, photos etc would be welcome.

Tony Hall-Willis Tel: 01507 606795  
75 Queen St, Louth, Lincs, LN11 9BJ, UK e-mail: tonyhallwillis@hotmail.com



## FAC NATS EVENT SPONSORS

GHQ wishes to thank the following companies and individuals who sponsored events at the FAC-Nats. Their sponsorship really helps to pay the expenses for this great contest. When it comes time to buy your next kit or supplies, please see these people FIRST!

Fran Ptaszkiwicz  
Stealth Squadron--FAC  
John Regalbuto  
B.G. aka ??  
Easy Built Models  
Allan Schanzle  
Phil & Jerry  
A Friend of FAC  
Jack Barker  
Detroit Cloudbusters  
Diels Engineering  
Gizmo-Geezer Products  
Vic & Tena  
Calumet Escadrille FAC Squad.  
Classic Aircraft Model Co.  
Erie Model Aircraft Assn.  
Golden Age Reproductions  
Shorty's Basement  
F.A.I. Model Supply  
Allen Hunt Plan Service

When you have contact with these people, please give them a great big thank you!

## BACK ISSUES

Back issues of the newsletter are available at a cost of \$2.50 per issue. Some issues are in short supply. Send orders to; FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506.

FAC GOLDEN AGE CIVIL SCALE		FLT.	FLT.	FLT.	TOTAL	PLACE
Contestant	Plane	# 1	# 2	# 3		
Herb Kothe	Stinson 125	120	120	120	360	1
Gene Smith	Corben Super Ace	120	120	89	329	2
Vic Nippert	Piper J-3 Cub	108	113	98	319	3
Chris Parent	Ryan STA	111	83	120	296	4
Chris Parent	Piper J-3 Cub	99	79	100	278	NA
Paul Boyanowski	Taylorcraft	46	120	11	277	5
Vic Nippert	Fairchild 24	67	103	105	275	
Orville Olm	Fairchild 24	72	95	89	256	
Bob McLellon	Stinson SR-7	57	84	109	250	
Jim DeTar	Fairchild 24	120	56	73	249	
Clive Gamble	Chilton DW 1	81	91	66	238	
Jack Moses	Fairchild 24	63	120	44	227	
Bill Dietz	Piper J-3 Cub	53	69	85	207	
Claude Powell	Howard DGA-9	75	63	64	202	
Enrique Maltz	ONG	56	48	88	192	
Vance Gilbert	Kalmin K 4	55	83	52	190	
Pete Azure	Spartan Cabin	49	68	68	185	
Frank Rowsome	General Aristocrat	86	90		176	
Chuck Schobloher	Messerschmitt M-20-B	73	52	50	175	
Steve Griebing	Heston Phoenix	52	59	63	174	
Dave Mitchel	WACO SRE	53	120		173	
Dan Driscoll	Porterfield Zepher	66	65	39	170	
Ed Pelatowski	Leopard Moth	81	27	43	151	
John Stott	Farman 400	48	58	40	146	
Mike Isermann	Whitman Big X	75	52		127	
Ed Novak	Waterman Aeromobile	35	31	32	98	
Tom Nallen	Comper Swift	89			89	
Chuck Schobloher	General Skyfarer	29	46		75	
Bob Marchese	Interstate Cadet	60			60	
Dave Niedzielski	Taylor Cub	30			30	

The SAM Champs will be held the following week, and the field will be shared with a big COFFS meet. Motel rooms in Muncie may be scarce!!!

FAC GOLDEN AGE MILITARY SCALE		FLT.	FLT.	FLT.	TOTAL	PLACE
Contestant	Plane	# 1	# 2	# 3		
Bill Henn	DO Falke	120	100	120	340	1
Stu Weckerly	Martin MO-1	120	105	113	338	2
Dave Lindstrum	Martin MO-1	67	69	63	199	3
Tom Hallman	Mitsubishi 1MF1	59	62	70	191	4
Bill Dietz	Douglas 410-43	56	60	74	190	5
David Rees	Vultee	59	73	56	188	
Steve Griebing	Adrado 66	54	57	66	177	
Tom Nallen	Curtis Falcon	36	51	76	163	
Kent LeMon	Koolhoven FK 55	69	54	40	163	
Mike Midkiff	Avia BH-#	47	59	53	159	
Bob McLellon	Hamburg 137	61	61	22	144	
Bruce Foster	Gregor	23	33	33	89	
Vic Nippert	Martin MO-1	27	37	22	86	
Ed Pelatowski	Spartan Fighter	30	29	21	80	
Dick Adams	Vought Corsair	39	29		68	
Richard Zapf	V 143	43			43	

## NOTICE:

Those who will be attending the Flying Aces Outdoor Champs Sept. 11-12, 2004 Make your motel reservations now!

AIR MAIL

Hi Lin,

I would like to express my thanks for the absolutely terrific job which you , together with your energetic team , pulled off at this year's Nats at Geneseo . Everything , from the accommodations & meals at the college , to the organization of the events themselves went like clockwork , no mean feat for a function of this size staffed by volunteers . The banquet was most memorable & absolutely the icing on the cake ! Please pass on kudos to the appropriate individuals on behalf of myself & The Detroit Cloudbusters . I hope to see you at Muncie in September .

Sincerely,

Ted Allebone.

Thanks for the kind word's Ted, we all appreciate them.

Lin

## CACTUS SQUADRON ANNUAL CONTEST 2004

ALL EVENTS WILL BE FLOWN ON  
SUNDAY OCTOBER 3 FROM 07:30 AM. to 01:00 PM.

AT CACTUS SQUADRON FIELD

S.W. Corner Elliot and Power Roads in Higley, AZ.

### EIGHT EVENTS (FAC RULES APPLY TO ALL EVENTS)

THREE MASS LAUNCH EVENTS: (MINIMUM 45 SCALE POINTS)

1. MODERN CIVILIAN SCALE - 1946 and later

2. GOLDEN AGE CIVILIAN SCALE

3. FAC PEANUT SCALE

FOUR JUDGED EVENTS:

1. FAC POWER SCALE (CO2, ELECTRIC & COMPRESSED AIR ONLY)

2. FAC PEANUT SCALE (NOT OVER 13" SPAN)

3. FAC RUBBER SCALE

4. EARL STAHL SCALE - FAC Judging - Documentation required.

ONE THREE FLIGHT TOTAL EVENT:

1. MODERN CIVILIAN SCALE - 3 flights total, minimum 45 scale points.

ALL SCALE JUDGING SATURDAY NIGHT OCT. 2 AT 5:00 PM IN CLUB  
MEETING ROOM 202 N. GILBERT RD. IN GILBERT- NO BBQ

NO AMA LICENSE REQUIRED!

ENTRY FEES:

ALL JUDGED SCALE EVENTS - \$ 5.00 EACH

ALL OTHER EVENTS INCLUSIVE - \$ 5.00 TOTAL

MAX ENTRY FEE - \$ 20.00

CONTEST DIRECTOR - BOB SCHLOSBERG (480-941-8778)

the WNYFFS/FAC Indoor Championships at the  
Fieldhouse in Orchard Park, NY has a  
Bills Fieldhouse in Orchard Park  
date of: October 23, 2004  
firm date of: October 23, 2004  
9AM - 5PM

Bills date of: October 23, 2004  
firm date of: October 23, 2004

This is all we know for sure right now. Best guess  
is that events/rules will be the same as last year.  
Since most of you are familiar with this site et al,  
suffice it to say, MARK YOUR CALANDARS! De-  
tails will be published soon

FAC DIME SCALE						TOTAL	BONUS	TOTAL		
Contestant	Plane	FLT.	FLT.	FLT.	FLT.	PT'S	BONUS	TOTAL	SCORE	PLACE
# 1	# 2	# 3	SEC'S	PER FLT	PT'S					
Dan Kane	Arado 96	120	120	94	334	10	30	364	1	
Tom Hallman	Arado 96	105	101	96	302	10	30	332	2	
Steve Griebling	BAT Monoplane	120	65	120	305	5	15	320	3	
Richard Miller	BAT Monoplane	63	120	120	303	5	15	318	4	
Jack McGillivray	Arado 96	86	120	73	279	10	30	309	5	
Walt Kornrich	Pitcairn Fleet Wing	58	94	94	246	15	45	291		
Frank Rowsome	ONG Continental	120	67	99	286	0	0	286		
Stu Weckerly	Fokker D VII	89	69	78	236	15	45	281		
Richard Zapf	P 66	120	80	47	277	0	0	277		
Bill Dietz	BAT Monoplane	88	87	77	252	5	15	267		
Dave Livesay	Messerschmitt M 206	71	113	76	260	0	0	260		
Steve Blanchard	PGE Hawk	52	65	92	209	15	45	254		
Jim DeTar	Rearwin Cloudster	94	75	80	249	0	0	249		
Mike Nassise	Cessna Airmaster	80	50	105	235	0	0	235		
John Houck	Fairchild 24	114	40	48	202	10	30	232		
Gordon Roberts	Wiley Post	120	64			15	30	214		
Bill Orphan	Cessna Airmaster	85	74	54	213	0	0	213		
Jim DeTar	Arado 96	50	58	69	177	10	30	207		
Bruce Finley	SBC-4	54	53	45	152	15	45	197		
Bob Thompson	Rearwin Trainer	63	66	68	197	0	0	197		
Clive Gamble	Hurricane	65	52	44	161	10	30	191		
Claude Powell	Rearwin Trainer	55	80	54	189	0	0	189		
Jack Moses	Martin MO-1	62	51	58	171	5	15	186		
John Houck	Hawker Fury	60	40	38	138	15	45	183		
Bob Clemens	Curtis Falcon	36	38	60	134	15	45	179		
Don Lang	Martin MO-1	54	45	53	152	5	15	167		
Mark Rzadca	Curtis Robin	40	30	88	158	0	0	158		
Jack Moses	Cessna Airmaster	55	81	21	157	0	0	157		
Orville Olm	Cessna 37	46	48	59	153	0	0	153		
Paul Boyanowski	Boeing P 12	62	57		119	15	30	149		
Dan Driscoll	Cessna C-34	60	58	24	142	0	0	142		
Pete Azure	ONG Continental	49	47	46	142	0	0	142		
Pres Bruning	Martin MO-1	42	48	36	126	5	15	141		
Mike Welshans	Martin MO-1	42	40	40	122	5	15	137		
John Stott	Curtis Falcon	24	30	29	83	15	45	128		
Bob McLellon	Howard DGA	47	53	26	126	0	0	126		
John Stott	Messerschmitt M 20 B	43	42	37	122	0	0	122		
Paul Grabski	Ryan M-1	40	40	32	112	3	9	121		
Pres Bruning	Ryan SCW	24	33	23	80	10	30	110		
George Lewis	Martin MO-1	23	30	40	95	5	15	110		
Gary Cramer	Rearwin Cloudster	35	37	36	108	0	0	108		
Jack Barker	Fokker F-II	33	37	35	105	0	0	105		
Tom Nallen II	Curtis Hawk	85			85	15	15	100		
Bert Phillips	Cessna C-34	34	34	26	94	0	0	94		
Clive Gamble	Chilton DW 1	76			76	10	10	86		
Ted Allebone	Martin MO-1	78			78	5	5	83		
Bob Isaacks	HE 100 D	27	34		61	10	20	81		
George White	Ryan Mailplane	3	21	46	70	3	9	79		
Bruce Foster	Fokker D VII	33			33	15	15	48		

**PHANTOM FLASH, JR.**

Contestant	FLT.	FLT.	FLT.	FLT.	FLT.	BEST	PLACE
	# 1	# 2	# 3	# 4	X	TIME	
Christian Buck	90	85	57	67		90	1
David Wenzel	64	77	84			84	2

FAC RUBBER SCALE									
Contestant	Plane	FLT. # 1	FLT. # 2	FLT. # 3	SCALE SCORE	BONUS POINTS	BEST TIME	TOTAL	PLACE
Frank Rowsome	Lippisch P-13	52	94		45	35	76	156	1
Vance Gilbert	DeHavilland Flamingo	51	91		55	25	75.25	155.25	2
Dave Mitchel	Sopwith Triplane	54	115		53	20	81.25	154.25	3
Chris Starleaf	Dash 8-300	82	70		53	25	71	149	4
Vance Gilbert	Westland Limosine	41	93		55	15	75.75	145.75	NA
Tom Hallman	Cessna C 38	105	120		58	0	82.5	140.5	5
Dave Stott	ANEC	120			40	15	82.5	137.5	
Mike Didkiff	Shinden	55	59	67	53	20	63.5	136.5	
Tom Nallen II	Beardmore WB 26	74	55		53	15	67	135	
Tom Hallman	Mitsubishi 1 MF-1	63	46		58	15	61.5	134.5	
Mike Isermann	KI 61 Tony	84	76		52	10	72	134	
Dave Rees	BP Defiant	79	78	75	51	10	69.5	130.5	
Bob Bojanowski	Stuka	74			50	10	67	127	
Jack Moses	P 51 A	48	53	75	49	10	67.5	126.5	
Orville Olm	BF 109 G	57	76	34	47	10	68	125	
Pres Bruning	Antonov An 2	56	57	25	48	15	57	120	
Dave Stott	Mitsubishi Triplane	48	51		47	20	51	118	
Richard Zapf	Beaufighter	37	47	25	43	25	47	115	
Bob Clemens	Porterfield	75	65	67	45	0	67.5	112.5	
Charles Hill	KI 61 Tony	59	68	79	33	10	69.5	112.5	
Orville Olm	Fairchild 24	80	68	69	42	0	70	112	
Richard Zapf	Stinson A	48			38	25	48	111	
Jim DeTar	Albatross	46	46		40	15	46	111	
Stu Weckerly	General Skyfarer	65	59	25	45	0	62.5	107.5	
Al Lawton	Curtiss S-3 Scout	45			42	20	45	107	
Jack Barker	Piper PA 16	50	61	52	46	0	60.5	106.5	
Ed Novak	Mauboussin	48	49	48	41	15	49	105	
Bob Isaacks	P 51 B	30	47		48	10	47	105	
Lindsey Smith	FW TA 152	41			50	10	41	101	
Marcy Green	Tiger Moth	22	33	28	48	15	33	96	
Mike Welshans	Fleet 2	33	25	31	47	15	33	95	
Roger Willis	Kharkov R 10	42	20	27	37	10	42	89	
Ed Pelatoeski	Whitman Tailwind	40	34		48	0	40	88	
Dan Driscoll	Newport 27	26			47	15	26	88	
Greg West	BOK 5	21			37	25	21	83	
Bruce Froster	Gregor FBD 1	33	27		34	15	33	82	
Charles Hill	P 51	33	36	35	33	10	36	79	
Greg West	TBD 1	25	29	28	34	10	29	73	
Neil Sommerin	Westland Widgeun	23			32	3	23	58	

FAC FICTION FLYER SCALE									
Contestant	Plane	FLT. # 1	FLT. # 2	FLT. # 3	SCALE SCORE	BONUS POINTS	BEST TIME	TOTAL	PLACE
John Houck	Joy's Racer	92			52.5	10	75.5	138	1
Tom Nallen	Rammer	76	54	78	54.5	10	69	133.5	2
Steve Griebling	Booth Ranger	61	56	60	51.5	15	60.5	127	3
Lindsey Smith	Mordechi Murphy's Dart	50	56	23	49.5	10	56	115.5	4
Richard Zapf	Strato Lancer	49			44	10	49	103	5
Ed Pelatowski	Joy's Racer	23	32	26	59.5	10	32	101.5	
Dave Niedzielski	Myster Tailless	21	28	43	37	20	43	100	
Dave Stott	Joy's Racer	24	25		56	10	25	91	
Dave Niedzielski	Silver Lancer	21	25		55	10	25	90	

FAC OLD TIME RUBBER						TOTAL	4"	5"	
Contestant	Plane	FLT.	FLT.	FLT.	FLT.	BEST 3 OF 4	FLY OFF	FLY OFF	PLACE
# 1	# 2	# 3	# 4						
Herb Kothe	Double Feature	120	120	120		360	240	148	1
Stu Cummings	Miss Canada	120	120	120		360	240	118	2
Dan Driscoll	Wren	120	120	120		360	214		3
Steve Griebing	Miss Canada	120	111	120	120	360	196		4
Gordon Roberts	Sprite	120	106	120	120	360	183		5
Ted Teach	Double Feature	120	120	120		360	168		
Fernando Ramos	Wren	120	120	120		360	146		
Marcy Green	Lanzo 33	120	120	120		360	138		
John Donelson	Wren	120	120	120		360	95		
Paul Stott	FAC Snooky	118	120	120	108	358			
Roger Moon	Double Feature	120	120	112		352			
Bob Hammett	Albatross	120	120	105	65	345			
Bruce Finley	Miss Canada	99	120	115		334			
Bob Clemens	Stahl Wright Rule	116	120	85		321			
George White	Sparky	109	80	120		309			
Vic Nippert	Duplex	120	58	97		275			
Ed McQuaid	Sparky	62	90	90	91	271			
Don Hannam	Miss Canada	108	73	90		271			
Alexgey Techuk	Wren	58	102	54	104	264			
Ken McConnell	Miss Canada	80	86	88	87	261			
Sam Burke	BA Cabin	120	120			240			
Alexgey Techuk	Sparky	103	52	74	59	236			
Robert Walter	Miss America	100	120			220			
Sam Grey	Sparky	88	53	50	72	213			
George Lewis	Miss Canada	96	111			207			
Ken McConnell	Sparky	97	79			176			
Dennis Ruhland	FA Moth	47	64	61		172			
Dan Kranis	FA Moth	63	54	37		154			
John Stott	FA Moth	57	42	54		153			
Robert Walters	Miss America	99				99			
George Merkel	Lanzo 33	82				82			
Bill Dietz	Stahl Hurricane	77				77			
Mark Rzadca	Miss Canada	76				76			

FAC HI-WING PEANUT SCALE									
Contestant	Plane	FLT.	FLT.	FLT.	SCALE SCORE	BONUS POINTS	BEST TIME	TOTAL	PLACE
# 1	# 2	# 3							
Tom Hallman	Clipped Wing Cub	120			57.5	0	82.5	140	1
Steve Griebing	Lacey M-10	120			55	0	82.5	137.5	2
Jack McGillivray	Found 100	120			52	0	82.5	134.5	3
Gordon Roberts	Lacey M-10	120			50	0	82.5	132.5	4
Mike Isermann	Helio Starion	100	112		50	0	80.5	130.5	5
Bob Isaacks	Helio Stallion	120			48	0	82.5	130.5	
Jim DeTar	Found Centennial	67	85	105	50	0	78.75	128.75	
Richard Miller	Lacey M-10	100	54	93	49	0	77.5	126.5	
Gene Smith	Piper Colt	47	37	76	50	0	68	118	
Ed Pelatowski	Wittman Tailwing	58	41	38	55	0	56	111	
Dave Rees	Mr. Mulligan	45	58	43	52	0	58	110	
Andrew Ricci	Lacey M-10	63	53	49	47	0	63	110	
Richard Zapf	J3-L4	56			46.5	0	56	102.5	
Tom Hallman	Waterman Aerobile	24			58	20	24	102	
John Stott	Cougar	36			0	36	36		

\* \* Bob Thumsome \* \*

Mumbo Jumbo #116 from the Glue Guru

He was a good deal more than just some character in a helmet and cape. In some strange way he was all of us, struggling with our hopes and fears, while living a bravura life -- all greatly amplified with a fog-horn voice.

He was not a great designer or builder. Each year at the spring contest, he would show up with a car full of models, some new, but most were bedraggled veterans of many years past. None had any sparkle. All looked weary, even those straight off the building board.. He tried each in turn, searching for the gifted one, the one with the magic ability to mount buoyant air. None ever showed it. Disgusted, he tossed the losers back in the car. "No fear", he would yell, "There's always another." And there was.

Some few special models did hold his interest. There was a spindly B-17 with four rubber powered engines, all at a span of about 30 inches. The winding and launching of this model wasn't simple. He worked steadily at it for a couple of seasons. Yet, I never saw it offer even the slightest climb. Straight and level it went, for about 10 seconds, and then down, into the grass -- crunch. On the field, I mind my own business; usually I have troubles of my own to keep me busy. But this time I had to know. "Why do you keep struggling with that miserable thing?"

He yelled, "It's got all those bonus points!"

"But it doesn't fly!"

"Well, none of them have everything!"

OK.

Yet he had some extraordinary talents. One was the ability to sense imminent disaster, especially those of WWII fighters. Many such models are able to cope with the high power phase, only to stall and die as the power runs out. Bob would look up at a spray of fighters a few seconds after launch and scream "Uh - oh

that one's in trouble! The P-40 will spin!" And it did. I was never able to determine how he could spot the phenomenon seconds before the rest of us, but somehow he could.

My guess is that his knowledge reflected grim disasters of his own and others; the sort of know-how acquired only over the dead bodies of countless models, but accurate knowledge it was.

There were other strange bits of know-how that he possessed. One was expertise at aircraft recognition. We're all fairly good at this. It's something that comes from studying 3-views without end in the hope of finding a winning configuration. However his abilities far exceeded anything I've ever encountered.

I once built a Jumbo version of something called a Pazmany, named for its designer. The prototype was a home-built machine; undistinguished and certainly not newsworthy. It happened to have low wings, a high thrust line and a boxy but slim fuselage. Great! The 3-view came out of an obscure build-it-in-your-basement magazine. There was no chance of duplication by FAC types. I arrived at the field with the model disassembled and mostly upside down in a small station wagon. Bob took one look from 20 feet away and screamed "A Pazmany!" That was Bob.

When granted the extraordinary -- a model that really flew -- he reacted with flat disbelief. It couldn't be. I've served as a timer often enough to know that most of us (including me) have exaggerated notions of elapsed time in the air. To the anxious modeler 10 seconds always feels like 20.

I once timed Bob's giant high wing lightplane (Cessna?). Here at last was one with the right genes. True, no bonus points, but it really flew. As he ran, I clocked it at 1:38. Now that's a very good time, by any standard. His reaction? A glum, "Are you sure you clocked it right? It'll never do that again!"

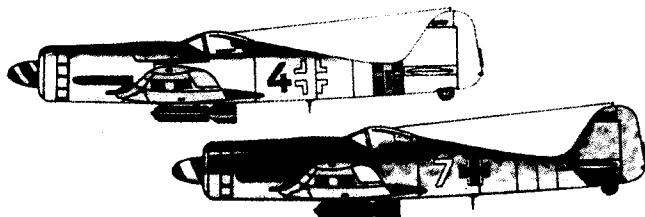
Maybe not Bob; for you the contest is over. Good Luck!

FAC PEANUT SCALE		FLT.	FLT.	FLT.	SCALE	BONUS	BEST			
Contestant	Plane	# 1	# 2	# 3	SCORE	POINTS	TIME	TOTAL	PLACE	
Tom Hallman	Martinsyde Buzzard	72			56.5	15	66	137.5	1	
Steve Griebling	P 51 D	73	77	75	50.5	10	68.5	129	2	
Richard Zapf	VS 559	48	58	62	52*	15	61	128	3	
Frank Rowsome	Lippisch P. 13	41	46		47*	35	46	128	4	
Clive Gamble	BAC Lightning	70	78	80	52	5	70	127	5	
Tom Nallen II	Turner T-40	79	68	76	47	10	69.5	126.5		
Jim DeTar	Jodel	67			52	10	63.5	125.5		
Del Balenek	WACO SRE	65	38	52	45	15	62.5	122.5		
Marcy Green	Tiger Moth	52	45	35	54.5	15	52	121.5		
Orv Olm	WACO SRE	52	56	41	50	15	56	121		
Bruce Finely	Heinkel P-1077	54	57	57	57	5	57	119		
Jack Kacian	OV 10 Bronco	42	28	40	52	25	42	119		
Bob Clemens	Mercury Gosling	62			54	3	61	118		
Gene Smith	Tigercat	37			50	25	37	112		
Pres Brunning	Am Jet Hustler	49	47	42	54	5	49	108		
Orville Williamson	L 1011	23	21	26	43	35	26	104		
Kent LeMon	Lemberger	40			44	15	40	99		
Ed Pelatowski	FW 223	38	31		50	5	38	93		
Steve Blanchard	WACO SRE	23	22	23	51.5	15	23	89.5		

FAC EMBRYO ENDURANCE		FLT.	FLT.	FLT.	FLIGHT	BONUS	TOTAL		
Contestant	Plane	# 1	# 2	# 3	TOTAL	POINTS	POINTS	PLACE	
Herb Kothe	Go Devil	88	120	120	328	9	337	1	
Stu Cummings	Debut	120	110	87	317	9	326	2	
Bruce Finley	Debut	120	87	106	313	9	322	3	
Bob Clemens	Westland Whatizit	80	91	120	291	9	300	4	
Mark Rzadca	Puma	117	70	64	251	9	260	5	
Kevork Fags	Original	80	63	104	247	9	256		
Vin Nippert	Hare	87	71	88	246	9	255		
Stu Meyers	Asymbro	106	74	58	238	9	247		
Jack Barker	Mixco X Hornet	51	55	120	226	9	235		
Steve Griebling	Debut	67	68	88	223	9	232		
Andrew Ricci	Bumble Bee	81	41	95	217	9	226		
George White	Mixco X Hornet	84	65	67	216	9	225		
Kent LeMon	Swallow	54	104	55	213	9	222		
John Stott	Mr. Malcom	48	45	120	213	9	222		
Lindsey Smith	Oyster	33	120	55	208	9	217		
John Houck	Swallow	78	120	6	204	9	213		
Matt Marchese	Prairie Bird	50	66	79	195	9	204		
Bob Issacks	Debut	72	58	62	192	9	201		
Don Griggs	Stromytown Cadet	61	55	71	187	9	196		
Pres Brunning	Whimsey	84	87		171	9	180		
Elmer Mellander	Bumble Bee	43	57	60	160	9	169		
Bill Orphan	Honey Bee	58	44	56	158	9	167		
Dave Niedzielski	Debut	3	74	79	156	9	165		
Paul Grabski	Born Loser	49	63	47	159	6	165		
Don Lang	Honey Bee	60	44	45	149	9	158		
George Lewis	Debut	41	52	53	146	9	155		
Bill Dietz	Tailfinder	28	50	52	130	6	136		
Richard Adams	Prairie Bird	60	59		119	NC'd	119		
Harvey Pastel	Mixco X Hornet	47	55		102	9	111		
Sam Grey	Prairie Bird	3	46	45	94	9	103		
Mike Isermann	Honey Bee	94			94	9	103		
Mike Weishaus	Prairie Bird	5	62		67	9	76		

FAC JUMBO SCALE									
Contestant	Plane	FLT. # 1	FLT. # 2	FLT. # 3	SCALE SCORE	BONUS POINTS	BEST TIME	TOTAL	PLACE
Bill Henn	Arado E-530	120			50	30	82.5	162.5	1
Dave Rees	Cant 1007	61	40		59	35	60.5	154.5	2
Chris Starleaf	de Hav. DHA-3 Drover	65	72	72	52.5	35	66	153.5	3
Tom Hallman	Gadfly	113			57.5	10	80.75	148.25	4
Mark Fineman	SM 92	47	60	69	53	25	64.5	142.5	5
Vance Gilbert	Avia BH 25	63	55	80	56.5	15	70	141.5	
Mike Midkiff	DH 9	45	87		51.5	15	73.5	140	
Ed Pelatowski	Dewoitine D.338	46	38		55	35	46	136	
Vance Gilbert	Lincoln Standard	59	60		56	15	60	131	
Mark Fineman	Curtiss P-40F	79	55	49	51	10	69.5	130.5	
John Houck	Fairchild	56	53	45	47	10	56	113	
Bob Isaacks	A-20 Havoc	32			53	25	32	110	
Dave Lindstrum	Piltus Porter	117	101	54	28	0	81.75	109.75	
Pres Bruning	Aeroneer	40	36		53	10	40	103	
Richard Adams	Fieseler Fi-167	21			52	15	21	88	
Jack Moses	Messerschmitt M 20 B	27			58.5	0	27	85.5	
Steve Blanchard	Fokker E-3	26			50	5	26	81	
Mike Welshans	Cessna C-37	20			49	0	20	69	

FAC CONTRA PROP SCALE									
Contestant	Plane	FLT. # 1	FLT. # 2	FLT. # 3	SCALE SCORE	BONUS POINTS	BEST TIME	TOTAL	PLACE
Jack McGillivray	Koolhoven FK 55	84	81		43	5	72	120	1
John Regalbuto	MB-5	25	28	27	40	10	28	78	2
John Houck	Douglas Skyshark	21			41	10	21	72	3
Bob McLellon	XF 8 B	29	30		10	10	30	50	4



FAC OLD TIME STICK							TOTAL	4"	
Contestant	Plane	FLT. # 1	FLT. # 2	FLT. # 3	FLT. # 4	3 OF 4	BEST OFF	FLY	PLACE
Herb Kothe	Gollywock	120	120	120			360	240	1
Kent LeMon	Wanderer	120	106	120	120	360	145		2
Gorden Roberts	Skyrocket	120	114	120	120	360	129		3
Fred Wunsche	Gollywock	120	120	120		360	108		4
Vic Nippert	Stratometer	120	120	120		360	2		5
Robert Walter	Sun Spot	120	120	120		360	DNF		
Ed McQuaid	Gollywock	120	102	120	120	360	DNF		
Stu Weckerly	Gollywock	107	120	103	95	330			
John Stott	Ritz	120	80	120	87	327			
Dan Driscoll	Thermal Bagger	114	87	120	89	323			
Gerald Crawmer	Gollywock	120	93	103		316			
Bert Phillips	Gollywock	120	87	99	75	306			
Alexgey Techuk	Casano	65	64	104	108	277			
Bob Marchese	Thermal Bagger	114	77	49		240			
Paul Stott	FA Cabin Sportster	53	72	61	73	206			
Alexgey Techuk	Gollywock	68	67			135			
Bruce Finley	Gollywock	85				85			

FAC OLD TIME GAS REPLICA					1 ST	2 ND		
Contestant	Plane	FLT.	FLT.	FLT.		FLY	FLY	
# 1	# 2	# 3	TOTAL	OFF	OFF	PLACE		
Ray Trabbic	CAVU	120	120	120	360	plus 3	plus 7	1
Bruce Finley	Request	120	120	120	360	minus 3	plus 18	2
Mark Rzadca	Zipper	120	120	120	360	plus 4		3
Bob Clemens	Zipper	120	120	120	360	minus 8		4
Mark Rzadca	Viking	120	120	120	360	minus 9		NA
Ted Allebone	Interceptor	120	120	120	360	minus 21		5
Al Timko	Trenton Terror	120	120	120	360	minus 30		
Dan Kane	Strato Streak	120	120	120	360	plus 55		
Vic Nippert	Rambler	120	120	120	360	minus 156		
Kevorek Fags	Interceptor	120	120	120	360	plus 225		
Mark Fineman	Gardmi Celibri	120	109	120	349			
Orv Olm	Wedgey	120	120	67	307			
George White	Spearman	120	88	99	307			
Stew Myers	GHQ Sportster	120	112		232			
Jack Barker	Cleveland Viking	120	44		164			
FIRST FLY OFF TARGET TIME WAS 165 SECONDS.								
SECOND FLY OFF TARGET TIME WAS 66 SECONDS.								

FAC POWER SCALE SINGLE ENGINE												
Contestant	Plane	FLT.	FLT.	FLT.	A	B	C	D	E	F	G	PLACE
# 1	# 2	# 3										
Tom Hallman	DH 2	105			105	20	125	82.5	60.5	2	145	1
Joe Barish	See Bee	120			120	15	135	82.5	60	1.5	144	2
Dave Rees	Colibri	120			120	10	130	82.5	60	1	143.5	3
Allen Schanzle	Spartan C2-60	120			120	10	130	82.5	59.5	1	143	4
Ted Allebone	Bristal Fighter	120			120	15	135	82.5	59	1.5	143	5
Joe Barish	Pou de Ceil	120			120	8	128	82.5	59.5	0.8	142.8	
Mike Midkiff	Loening OL-8	116			116	25	141	82.5	55.5	2.5	140	
Ed Pelatowski	RWD-8	120			120	3	123	82.5	55.5	0.3	138.3	
Chris Starleaf	MIG 15	99			99	5	104	78.5	57	0.5	136	
Mark Fineman	F4F Wildcat	64	120		120	5	125	82.5	52	0.5	135	
Mark Fineman	Boeing L-15 A	120			120	0	120	82.5	52.5	0	135	
John Donelson	L 6	67	120		120	0	120	82.5	50.5	0	133	
Charles Hill	Junkers J 11	83	89	90	90	15	105	78.75	52	1.5	131.75	
Bert Phillips	Monocoupe	115	47	36	115	0	115	81.25	49.5	0	130.75	
George White	Waterman Aeromob	30	62		62	20	82	71	49	2	122	
Charles Hill	DH 75 Hawk Moth	53	44	60	60	0	60	60	53.5	0	113.5	
Neil Sommerin	Piper J 3	45	46	45	46	0	46	46	53.5	0	99.5	
Fernando Ramos	Bucker Jungmeister	20			20	15	35	35	57	1.5	93.5	
<b>A = Best FLT., Total Sec. Unfactored, 120 Max</b>												
<b>B = Bonus Points</b>												
<b>C = A plus B</b>												
<b>D = C factored, 82.5 max</b>												
<b>E = Scale Score</b>												
<b>F = Complexity Points (1/10th of B)</b>												
<b>G = Total Score (D plus E plus F)</b>												

FOUND at the FAC-Nats.,  
Sheet 1 of 2 of the plan for  
the Fokker 100 electric pow-  
ered model by Chris Starleaf.  
Contact FAC-GHQ to claim.

WANTED; If any members have  
back issues of the FAC newsletters  
that they no longer want, please  
contact Bob Woodhouse, 10301,  
Cedar Lake Rd., #317, Minnetonka,  
Mn. 55305.

## SUMMER POSTAL CONTEST

There is still lots of time to enter the Summer Postal Contest Skysters. You have until October 31, 2004 to get your flight times in. Entries postmarked after Nov. 2, 2004 will not be accepted.

The events are; Modern Civil, Golden Age Civil, Modern Military and Golden Age Military. Fly as many times as you wish with as many models as you wish. Record your times, name of model and event and mail to FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506. Contest times also count.

### MODERN CIVIL

Pilot	Plane	Time sec.
1. Al Likely	BD-4	416 "
2. R. Klingenberg	Found 100	145 "
3. Ed McQuaid	Turbo-Porter	103 "

**15**

### GOLDEN AGE CIVIL

Pilot	Plane	Time sec.
1. Frank Rowsome	Gen. Aristocrat	360 "
2. Walt Leonhardt	Mauboussin	63 "
3. Darold Wilken	Leopard Moth	40 "
4. Ed McQuaid	D.H. Tiger Moth	28 "

### MODERN MILITARY

Pilot	Plane	Time sec.
No entries as of yet.		

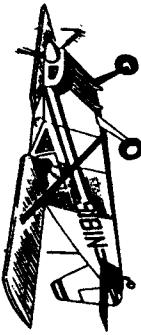
### GOLDEN AGE MILITARY

Pilot	Plane	Time sec.
1. Walt Leonhardt	Mureaux C-1	34 "

## T-SHIRT CLEARANCE SALE

All T-Shirts must go! We need space for the new shirts that we will have available at/after the FAC-Nats. Shirts and sizes available are as follows; Hall Bulldog, Small, Medium, Large and X-Large. Seversky SEV-2, Small, Medium and Large. Douglas O-38, Small only. ~~Wing Commander, F/A-18 Hornet, and F/A-18 Super Hornet.~~

These shirts are priced at just \$10.00 each, postpaid. Send your orders to: FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506.



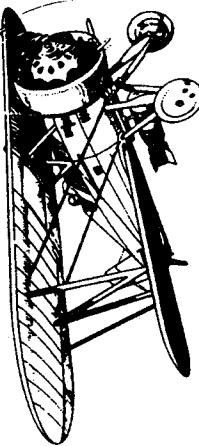
## NEW FACTS T-SHIRTS

We now have the newest FAC t-shirts in stock. We are offering two shirts this time. One is the official FAC-Nats shirt for 2004 which was done by Michael Heinrich. The second shirt, designed by Bob Boyanowski features his rendition of the Boeing F4B-4. Both shirts are very colorful and we are sure that you will want both. We have all sizes in stock at the current time.

Prices have risen this year, as you all know, so we have to pass this increase along to you. We must now increase the price to \$15.00 postpaid. Still a bargain if you compare with other shirts on the market

For the first time, due to continued asking by a lot of members, we will have t-shirts in youth sizes, small, medium and large. Same price, \$15.00 Ppd. The youth shirts will feature the Boeing F4B-4. Order early, they will make wonderful Christmas presents.

Send your order to; FAC-GHQ, 3301 Cindy Lane, Erie, Pa. 16506.



FAC POWER SCALE MULTI-ENGINE ENGINE			FLT.	FLT.	FLT.	A	B	C	D	E	F	G	
Contestant	Plane		# 1	# 2	# 3								PLACE
Joe Barrish	Horton Wing		84	119		119	50	169	82.5	60	5	147.5	1
Chris Starleaf	Lockheed L-188		108			108	50	158	82.5	58.5	5	146	2
Chris Starleaf	Fokker 100		106			106	30	136	82.5	59	3	144.5	NA

**A = Best FLT., Total Sec. Unfactored, 120 Max**  
**B = Bonus Points**  
**C = A plus B**  
**D = C factored, 82.5 max**  
**E = Scale Score**  
**F = Complexity Points (1/10th of B)**  
**G = Total Score (D plus E plus F)**

FAC SHELL SPEED DASH			FLT.	FLT.		SHELL	GREVE	THOMPSON
Contestant	Plane		# 1	# 2	TOTAL	PLACE	QUAL.	QUALIFIERS
Paul Boyanowski	Chambermaid		116	120	236	1	X	
Chris Starleaf	Chambermaid		114	109	223	2	X	
Al Lawton	Mr. Smoothie		120	98	218	3	X	
Richard Zapf	Caudron C 460		99	104	203	4	X	
Tom Nallen II	Jack Rabbit		82	120	202	5	X	
Dan Kane	Mr. Smoothie		88	113	201		X	
Jim DeTar	Mr. Smoothie		120	79	199		X	
Chris Starleaf	Cessna CR-3		102	90	192			X
Jack McGillivray	Mr. Smoothie		65	120	185		X	
Gene Smith	Marcoux Bromberg		107	66	173			X
Stu Weckerly	Mr. Smoothie		97	68	165		X	
Bill Henn	Folkerts SK-3		105	56	161		X	
Gene Smith	Mr. Smoothie		60	92	152			
Bill Henn	Chambermaid		70	81	151			
Charlie Sauter	Marcoux Bromberg		82	67	149			X
Ed Pelatowski	Folkerts SK-3		63	80	143			
Kent LeMon	Mr. Smoothie		61	82	143			
Dave Rees	Mr. Smoothie		54	86	140			
Gordon Roberts	Chambermaid		73	66	139			
Don Lang	Marcoux Bromberg		69	68	137			X
Tom Hallman	Loose Special		64	71	135			X
Ray Rakow	Mr. Smoothie		58	76	134			
Tom Nallen II	Q.E.D.		67	66	133			X
Steve Blanchard	Jack Rabbit		68	62	130			
Dave Niedzielski	Mr. Smoothie		61	62	123			
Dave Rees	Time Flies		60	60	120			X
Mike Nassise	Chambermaid		47	71	118			
Bob Bojanowski	Bull Dog		57	60	117			X
Mark Fineman	Cessna CR-3		41	71	112			X
Pete Kaiteris	Jack Rabbit		61	50	111			
Dan Kane	Cessna CR-3		58	48	106			X
Dave Stott	Loose Special		48	57	105			
Don Lang	Mr. Smoothie		47	55	102			
Charlie Sauter	R-4 Fire Cracker		68	23	91			
John Regalbuto	Time Flies		47	44	91			
John Houck	Keith Rider R-2		39	43	82			
Ed Pelatowski	Marcoux Bromberg		55	23	78			
Mike Nassise	Marcoux Bromberg		40	36	76			
Dave Stott	Tilbury Flash		40	35	75			
Steve Blanchard	Laird Super Solution		32	32	64			
John Houck	Hawk HM-1		43	16	59			

FAC OLD TIME KIT SCALE							
Contestant	Plane	FLT.	FLT.	FLT.	FLT.	BEST	PLACE
# 1	# 2	# 3	X	FLIGHT	PLACE		
John Houck	Leopard Moth	93	137			137	1
Richard Miller	Taylorcraft	114	43	56		114	2
Tom Hallman	Cessna Airmaster	111				111	3
Orville Olm	DH Tiger Moth	76	98	86		98	4
Steve Griebing	Arado 96	72	81	89		89	5
Jim DeTar	Comet Arado	85	84			85	
Dan Driscoll	Taylorcraft	61	82	29		82	
Ed Pelatowski	Comet Vultee Attack	64				64	
Mark Fineman	Rearwin Speedster	62				62	
John Stott	DH Tiger Moth	55				55	
Bob McLellon	Comet BT 9	44	44	46		46	
Mike Nassise	Cessna C-37	41	43			43	
Dave Stott	Megow P 12	37				37	
Paul Stott	Comet P-36 Hawk	37				37	

FAC PIONEER SCALE										
Contestant	Plane	FLT.	FLT.	FLT.	A	B	C	D	TOTAL	PLACE
# 1	# 2	# 3								
Jack Kacian	Wright Flyer "A"	61			61	45	79	58	137	1
Tom Hallman	Bleriot 25	114			114	15	82.5	54	136.5	2
Tom Nallen II	Short T-5a Admiralty	62	120		120	25	82.5	50.5	133	3
Steve Griebing	Voisin Hydroplane	120			120	35	82.5	50	132.5	4
Dave Rees	Plage-Court	40			40	5	45	59	104	5
Dan Marek	Sikorsky	22	27		27	5	32	49	81	
Dan Marek	Caudron	22	29	28	29	5	34	38	72	

**A = Best flight, total seconds**

**B = Bonus Points**

**C = A plus B, factored, 82.5 MAX**

**D = Scale Score**

**Total = C plus D**

FAC MODERN AGE MILITARY SCALE							
Contestant	Plane	FLT.	FLT.	FLT.			
# 1	# 2	# 3		TOTAL	PLACE		
Gene Smith	MIG 9	120	92	79	291	1	
Richard Zapf	T-27	93	107	75	275	2	
Bill Henn	MIG 9	103	75	83	261	3	
Chris Starleaf	YAK 11	85	71	59	215	4	
Ed Pelatowski	MIG 9	96	60	51	207	5	
Dave Livesay	Vultee XA-41	57	73	57	187		
Clive Gamble	BAC Lightning	56	66	51	173		
Tom Hallman	MIG 15	95	75		170		
Bob McLellon	Guardian	45	41	48	134		
Mike Nassise	Fiat G 46A	36	43	45	124		
Dave Rees	Skyraider	29	50	38	117		

by  
Fran Ptaszkiwicz D.S.M.

The Abram's "Explorer", was a novel design produced by the Abrams Air Craft Corporation of Lansing, Michigan.

Designed primarily for mapping and aerial photography, the airplane provided perfect forward and downward visibility, as the entire front end of the fuselage was glass enclosed and a slightly swept-back wing was used to afford a clear leading edge photo area.

This pod and boom design featured a streamlined tricycle gear arrangement which aided cross-wind landing's and ground handling. Propeller clearance also dictated this type of gear.

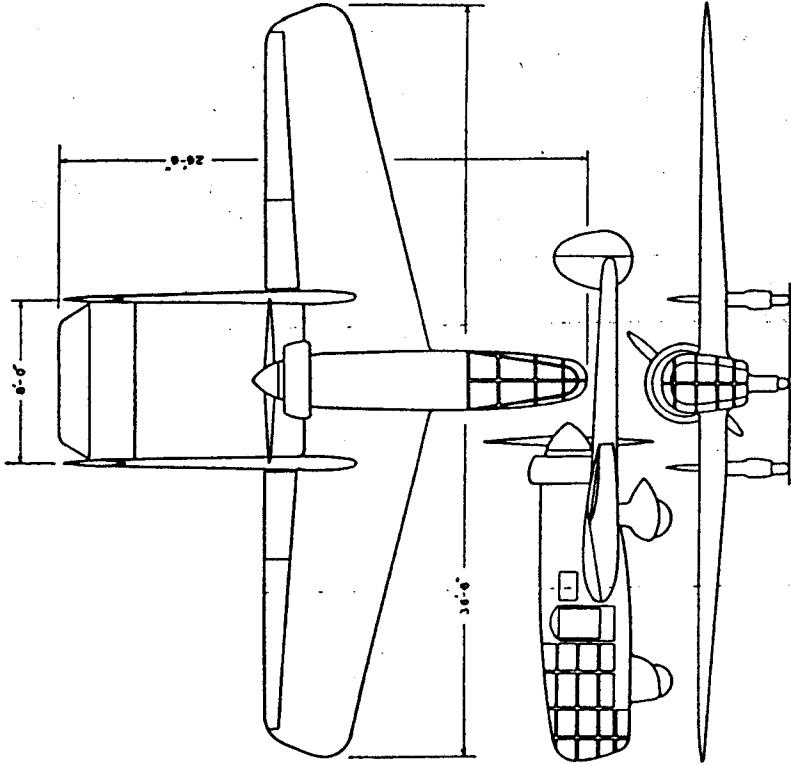
A pusher design, it was powered by a 450 hp Wright "Whirlwind" engine that utilized the popular N.A.C.A. cowling to improve speed and efficiency. Report's indicated that locating item's such as the engine, fuel tank and heavy camera equipment in close proximity to the center of lift coupled with the thrust line along the center line of the aircraft fuselage, would produce stability in smooth as well as rough air. Items required in a photo and mapping airplane.

Using a tandem seating arrangement, the two man crew was housed in the glass enclosed cabin that could be pressurized for work at high altitudes when necessary. Also a climb rate of 1,000 feet per minute and a maximum speed of 200 m.p.h. plus, at 10,000 feet contributed to the over-all usefulness of the aircraft.

Construction of this ship was interesting as it consisted of a welded steel tube fuselage and a welded steel tube monospar wing having steel tube ribs. The center section of which was metal covered with doped fabric covering on the wing panels outside of the boom's.

Some specification's were, a wingspan of 36 ft-8 ins., length from the fuselage nose to the stabilizer trailing edge was 26 ft-6 ins. Width between the boom centerlines was 8 ft-0 ins.

It was a practical airplane designed for a specific use like many other unusual design's of the period. However, large scale production was never realized.

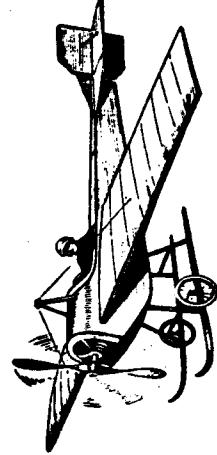


THE ABRAMS EXPLORER

A two-place aerial photo plane with a 450 h.p. Wright Whirlwind engine.

Dan Giles says he has found a really good canopy cement in the craft section of a local Wal-Mart store. It is called "Aleene's Platinum Bond Super Fabric Textile Adhesive". It's tacky and dries clear---its virtually invisible and is very strong.

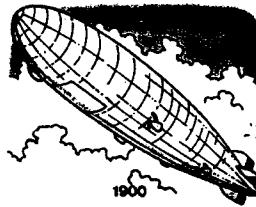
**NEEDED:** Small rubber powered sheet-type simple kits plus spare props, wheels, nose buttons and rubber. These for a class of kids who want to get started in model airplanes. If you can help with this worthwhile project contact Lou Buffardi, 698 Tufts Ave. E., Port Orchard, Wa. 98366.



Stuart Brohm wishes to thank all those FACers who answered his call for info on the XB-42.

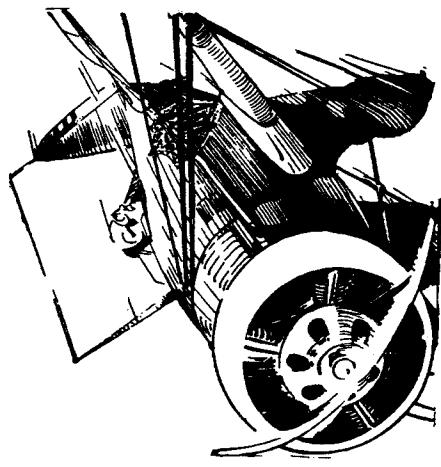
WW II COMBAT	5 Rounds	
Contestant	Plane	Place
Starleaf, Chris	Fairey Barracuda	1
Rees, Dave	Fairey Fulmar	2
Olm, Orv	Messerschmitt Bf 109G	3
Weckerly, Stu	Yokosuka D4Y "Judy"	4
Fineman, Mark	Bell P-63 A Kingcobra	5
Regalbuto, John	Bell P-39 Airacobra	
Williamson, Orville	Bell P-39 Airacobra	
Zapf, Richard	Bell P-39 Airacobra	
Sturman, Nate	Bell P-63 A Kingcobra	
Niedzielski, Dave	Curtiss SBC Helldiver	
Pelatowski, Ed	Fairey Fulmar	
Isaacks, Bob	Farner-Werke C-3603	
Stott, Paul	Fiat G-55	
Kaiteris, Pete	Focke Wolfe TA 152 H	
Lewis, George	Focke Wolfe TA 152 H	
Smith, Lindsey	Focke Wolfe TA 152 H	
Moon, Roger	Focke Wolfe TA 152 H	
Olah, Dan	Grumman F4F Wildcat	
Hyka, Jim	Grumman F6F Hellcat	
McLellan, Bob	Hawker Hurricane	
Houck, John	Ilyushin IL-2 Shturmovik	
McQuaid, Ed	Ilyushin IL-2 Shturmovik	
Bojanowski, Bob	Junkers Ju 87 Stuka	
Meyers, Stew	Kharkov R-10	
Nallen, Tom	Kharkov R-10	
Pastel, Harvey	Kharkov R-10	
Willis, Roger	Kharkov R-10	
Boyanowski, Paul	Kowasaki Ki-61 "Tony"	
DeTar, Jim	Kowasaki Ki-61 "Tony"	
Hill, Charles	Kowasaki Ki-61 "Tony"	
Isermann, Mike	Kowasaki Ki-61 "Tony"	
Nippert, Vic	Kowasaki Ki-61 "Tony"	
Ricci, Andrew	Kowasaki Ki-61 "Tony"	
Sauter, Charlie	Kowasaki Ki-61 "Tony"	
Heinrich, Mike	Messerschmitt Bf 109E	
Hallman, Tom	Mikoyan-Gurevich MIG-3	
Ruhland, Dennis	Mitsubishi A6M2 "Zero"	
Belunek, Del	Nakajima Ki-84 "Frank"	
Griebling, Steve	North American P-51D Mustang	
Moses, Jack	North American P-51A Mustang	
Miller, Richie	North American P-51B Mustang	
Kacian, Jack	North American P-51D Mustang	
Midkiff, Mike	North American P-51D Mustang	
West, Greg	Polikarpov I-16	
Smith, Gene	Reggiane 2005	
Azure, Pete	Republic P-47 Thunderbolt	
Barker, Jack	Severski P-35	
Gamble, Clive	Supermarine Spitfire Mk XIII	
Gorman, Dick	Yakovlev YAK 3	
Blanchard, Steve	Yokosuka D4Y "Judy"	
Finley, Bruce	Yokosuka D4Y "Judy"	
Lang, Don	Yokosuka D4Y "Judy"	
Nassise, Mike	Yokosuka D4Y "Judy"	
Roberts, Gordon	Yokosuka D4Y "Judy"	

WW I COMBAT	5 Rounds	
Contestant	Plane	Place
Al Lawton	Fokker D-VII	1
Jim DeTar	Albatros	2
John Houck	SE 5	3
Steve Griebling	Martinsyde F-4	4
Bob McLellan	Fokker D-VII	5
Dave Stott	Armstrong Whitworth	
Tom Nallen II	Armstrong Whitworth	
Dick Adams	BE-2e	
Dave Mitchell	Bristol Scout	
Mike Midkiff	DH 7	
John Regalbuto	DH 5	
Chris Starleaf	Fokker D-VII	
Tom Hallman	Fokker D-VII	
Peter Kaiteris	Fokker D-VII	
Frank Rosome	Fokker D-VII	
Dan Olah	Fokker D-VII	
Gordon Roberts	Fokker D-VII	
Greg West	Lohner	
Mark Houck	Nieuport 12	
Richard Zapf	Roland C-II	
Bob Bojanowski	SE 5	
Stew Meyers	SE 5	
Steve Blanchard	SPAD XIII	
Chuck Schobloher	Fokker D-VII	



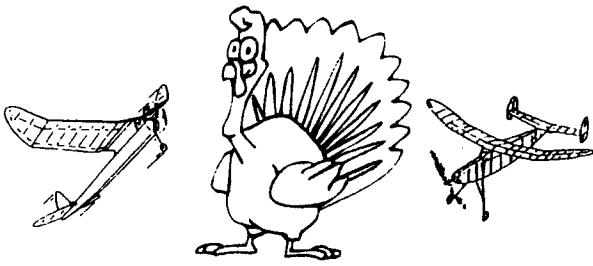
BENDIX TROPHY RACE		
4 Rounds	Contestant	Plane
Contestant	Plane	Place
Dave Rees	Mr. Mulligan	1
Chris Starleaf	Marcoux Bromberg R-3	2
Richard Zapf	Altair	3
Ed Pelatowski	Marcoux Bromberg R-3	4
Charlie Sauter	Marcoux Bromberg R-3	5
Bob Bojanowski	Bulldog	
Tom Nallen II	Gee Bee QED	
Tom Nallen	Lockheed Orion	
Gene Smith	Marcoux Bromberg R-3	
Mike Nassise	Marcoux Bromberg R-3	
Paul Boyanowski	Mr. Mulligan	
Gordon Roberts	Mr. Mulligan	
Steve Griebling	Mr. Mulligan	
Bob McLellan	Seversky	
John Regalbuto	Vultee V-1A	

BLUR RACE			FAC MODERN AGE CIVIL SCALE		
Contestant	Plane	Place	Contestant	Plane	Place
3Rounds					
Ed Pelatowski	Folkerts SK-2	1	Bill Henn	Helio Stallion	120
Pete Kaitens	Jack Rabbit	2	Stu Weckerly	Found 100	117
Chris Starleaf	Chambermaid	3	Jack McGillivray	Found 100	100
John Houck	K. Rider R-2 Bumble Bee	4	Dan Kranis	Found 100	108
Jack McGillivray	Cessna CR-3	5	Richard Zapf	DH Comet 1	101
John Regalbuto	Macchi		Dave Mitchell	Cessna 140	89
Dave Niedzielski	Mr. Smoothie		Orv Olim	PA-16 Clipper	65
Steve Griebling	Napier Heston Racer		Bob Isaacks	Helio Stallion	73
Mark Fineman	Pond Racer		Paul Boyanowski	Cessna Cardinal	85
Charlie Sauter	R-4 Firecracker		Claude Powell	Cessna 150	88
Richard Zapf	Red Barron		Jack Moses	Piper Pacer	85
			Dave Franks	Helio Stallion	75
			Jim DeTar	PA-16 Clipper	100
			Bob McLellon	Helio Stallion	64
			John Houck	Piper Super Cruiser	60
			Mike Nasseese	Found 100	54
			Pres Bruning	AM Jet Hustler	46
			Bob Marchese	Pilatus Turboporter	42
			Jack Barker	PA-16 Clipper	40
			Mark Houck	Piper Vagabond	40
			Ed McQuaid	Jodel D9	52
			George Lewis	Helio Stallion	38
			Ed Pelatowski	Cessna 140	55
			Dave Rees	Piper Super Cruiser	77



Contestant	Plane	Place
Ed Pelatowski	Folkerts SK-2	1
Pete Kaitens	Jack Rabbit	2
Chris Starleaf	Chambermaid	3
John Houck	K. Rider R-2 Bumble Bee	4
Jack McGillivray	Cessna CR-3	5
John Regalbuto	Macchi	
Dave Niedzielski	Mr. Smoothie	
Steve Griebling	Napier Heston Racer	
Mark Fineman	Pond Racer	
Charlie Sauter	R-4 Firecracker	
Richard Zapf	Red Barron	

PHANTOM FLASH, OPEN			GREVE RACE		
Contestant	FLT.	FLT.	Contestant	3 Rounds	Place
#1	#2	#3	#4	#5	TIME
Jack McGillivray	154			154	1
Stu Weckerly	96	69	83	96	2
Dan Kane	85			85	3
Ed Pelatowski	68	62	6	68	4
George Lewis	65			65	5
John Stott	40			40	
Bob Marchese	39			39	
Ed McQuaid	20			20	



# The Gathering of the Turkeys

Pensacola , Florida --- October 9-10-11

National Cup Contest

FAC - Nine FAC events

AMA, Nostalgia, & SAM events

Cajun Booray Glider Shootout

Cat.III contest. Flying site OLF 8A. (Navy Heli Aux Field)

For further info. and entry form contact the CD -  
James Bethea 3 Holly Lane , Covington , La. 70433  
985-892-4219

## BUILDING DUMAS'S 30" HURRICANE

The Dumas kit of the Hawker Hurricane goes together quickly with beautifully cut parts and comprehensive plans and instructions. The balsa is light and the plastic parts fit well. The structure is well engineered and appears to be very close to scale. The landing gear is designed for easy plug-in, although that isn't mentioned in the instructions. Down thrust is built into the fuselage sides and right thrust is recommended in the flying instructions. The peel and stick decals work much better than the water transfer type. The colored paper is appropriate for the basic color scheme of tan and green.

I built the structure with no modifications, even using the removable plastic nose block(see flying results below). Hard for most of us to resist making our own improvements. The model is covered with the basic green and tan tissue provided, but with railroad paint to achieve the camouflage patterns.

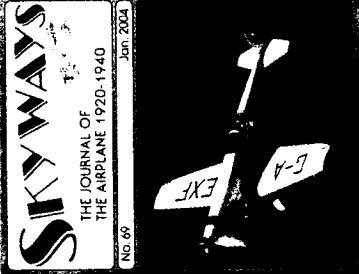
For a plane with an in-line engine, the Hurricane has a short nose and a long fuselage. This model measures 8" from the spinner to the CG and 16" from the CG to the rear of the fuselage. Compare this with a 30" Mustang which measures 8.75" from the spinner to the CG and only 14.3" from the CG to the rear of the fuselage. Hence a Hurricane is more difficult to balance and fly than a Mustang, as shown in the weights below.

The finished model without the landing gear weighed 77 grams; not too bad for 150 square inch wing. The problems came in trying to balance the model.. Even without rubber, it required 26 grams of lead to balance at the CG indicated on the plan. With 6 strands of 3/16" rubber, 25 grams, it took another 15 grams of lead. Total flying weight was 143 grams. This is a high wing loading, but not impossible to get some kind of sport flights.

After getting a short but stable glide I put in 200 turns over ankle high grass. The plane flew level for about 30 feet, climbed a foot or two then nosed in. Nothing too drastic until I picked up the plane. The trust button had been driven back through the plastic cowl, creating a hole the size of a nickel. This was repaired using a 1/16" plywood patch over the front cowl with a hole drilled for the thrust button. With a little more down thrust and 600 turns on the prop , the plane flew in a stable right circle for 20 seconds, climbing to about 20 feet. This was the best I could get out of it.

Conclusion: The Hurricane kit makes a beautiful display model and might fly 30 seconds or so with a solid nose block . But Dumas has other kits in their line of historic aircraft that would fly better.

  
Ollie



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GOODYEAR / FORMULA RACE						
			4 Rounds			
Contestant	Plane	FLT.	FLT.	# 2	# 3	TOTAL PLACE
Herb Kothe	Bluebird	120	120	120	360	1
Stu Weckerly	Bluebird	68	98	94	260	2
John Houck	Skokie	83	82	83	248	3
Pete Kaiteris	Skokie	58	91	87	236	4
Dan Kranis	BA Cabin	63	100	67	230	5
Roger Willis	BA Cabin	58	70	100	228	
Dan Driscoll	JA Special	77	59	86	222	
Harvey Pastel	Skokie	46	55	58	159	
John Stott	Skokie	39	50	61	150	
Jack Moses	Skokie	72	63	135		
Dominic Aligeri	BA Cabin	41	47	45	133	
George Lewis	Skokie	47	40	34	121	
Sam Burke	Skokie	120			120	
George Merkel	Skokie	120			120	
George White	JA Special	73	40	44	117	
Alexey Techuk	JA Special	29	31	25	85	
Bill Dietz	Skokie	75			75	
Dan Olah	Blue Streak	35			35	

FAC JIMMIE ALLEN						
Contestant	Plane	FLT.	FLT.	Place	3 Rounds	Contestant
Herb Kothe	Bluebird	120	120	120	360	
Stu Weckerly	Bluebird	68	98	94	260	
John Houck	Skokie	83	82	83	248	
Pete Kaiteris	Skokie	58	91	87	236	
Dan Kranis	BA Cabin	63	100	67	230	
Roger Willis	BA Cabin	58	70	100	228	
Dan Driscoll	JA Special	77	59	86	222	
Harvey Pastel	Skokie	46	55	58	159	
John Stott	Skokie	39	50	61	150	
Jack Moses	Skokie	72	63	135		
Dominic Aligeri	BA Cabin	41	47	45	133	
George Lewis	Skokie	47	40	34	121	
Sam Burke	Skokie	120			120	
George Merkel	Skokie	120			120	
George White	JA Special	73	40	44	117	
Alexey Techuk	JA Special	29	31	25	85	
Bill Dietz	Skokie	75			75	
Dan Olah	Blue Streak	35			35	



FAIRCHILD 24						
Contestant	Plane	3 Rounds	Place	Contestant	Plane	Place
Tom Nallen II	Who Knows	1		Richard Zapf	WLH-1	2
Richard Zapf	Chris Statleaf			Kent LeMon	Pogo	3
Clive Gamble	Jack Kacian			Gordon Roberts	Witts V	4
Dick Gorman	Bob Bojanowski			Steve Griebling	Bonzo	5

THOMPSON TROPHY RACE						
Contestant	Plane	3 Rounds	Place	Contestant	Plane	Place
Ed Pelatowski	1			Jack Moses	1	
Richard Zapf	2			Richard Zapf	2	
Clive Gamble	3			Orv Olim	3	
Dick Gorman	4			John Regalbuto	4	
Richard Miller	5			Bob Bojanowski	5	
John Houck				Ray Edgecomb		
Dave Livesay				Fred Gregg		
Jack McGillivray				Steve Griebling		
Tom Nallen II				Don Lang		
John Regalbuto				Bob Marchese		
Andrew Ricci				Tom Nallen II		
Chuck Schobloher				Vic Nippert		
Gene Smith				Chris Starleaf		

AT-6 ENDURO						
Contestant	Place	3 Rounds	Contestant	Place	3 Rounds	Contestant
Mark Fineman	Cessna CR-3	1	Tom Hallman	Loose Special	2	
Dan Kane	Cessna CR-3		Charlie Sauter	Marcoux Bromberg	3	
Gene Smith	Marcoux Bromberg		Don Lang	Marcoux Bromberg	4	
Tom Nallen II	Q.E.D.		Bob Bojanowski	Bull Dog	5	
Dave Rees	Time Flies					

**FAC TWO BIT OLD TIME RUBBER**

		FLT.	FLT.	FLT.		
Contestant	Plane	# 1	# 2	# 3	TOTAL	PLACE
Herb Kothe	Blue Flash	120	120	120	360	1
Vic Nippert	King Harry	118	120	120	358	2
Jim DeTar	Flying Aces Moth	115	120	120	355	3
Orv Olm	Miss Canada	120	112	120	352	4
Steve Griebling	Flying Aces Moth	120	114	110	344	5
George Merkel	Flying Aces Moth	113	98	120	331	
Dave Livesay	King Harry	120	92	103	315	
Jack Moses	King Harry	120	89	94	303	
Sam Burke	Baby Commercial	112	83	81	276	
Bill Dietz	Skokie	90	80	75	245	
John Stott	Skokie	62	73	105	240	
Gordon Roberts	Achilles	58	83	93	234	
Paul Stott	FA Cabin Sportster	76	79	74	229	
Dan Driscoll	Jr. Commercial	60	81	72	213	
Tony Hall-Willis	Achilles	85	70	56	211	
Ed McQuaid	Flying Aces Moth	60	60	65	185	
John Stott	Flying Aces Moth	58	52	73	183	
Robert Walter	Flying Aces Moth	96			96	
Dave Niedzielski	Mystery Tailless	48	42		90	

		FLT.	FLT.	SCALE	BONUS	BEST					
Contestant	Plane	# 1	# 2	# 3	SCORE	POINTS	TIME	TOTAL	PLACE		
Maine Rees	Vega	74	80	71	41	0	70	111	1		
Juanita Reichel	Piper Clipper	49	85	95	34	0	76.25	110.25	2		
Jane Smith	Air Trainer	30	21	34	44	10	34	88	3		

**FAC NO-CAL PROFILE SCALE**

		FLT.	FLT.	FLT.						
Contestant	Plane	# 1	# 2	# 3	TOTAL	PLACE				
John Stott	Sweet Pee	78	102	312	492	1				
John Stott	Extra 400	92	101	132	325	NA				
Mark Fineman	Pilatus Turbo Porter	115	104	84	303	2				
Dave Niedzielski	BV 141	45	76	96	217	3				
Dan Driscoll	FW 190	44	94	70	208	4				
George Lewis	Gosling	83	61	63	207	5				
Dave Mitchel	FW 190	69	73	56	198					
Orv Olm	Lacey M-10	119	74		193					
Mark Houck	Cessna Cardinal	50	62	74	186					
Paul Stott	Taylor Cub	28	88	48	164					
Bruce Foster	B 57	46	73	42	161					
Bill Orphan	Extra 400	73	124	60	157					
Ed Pelatowski	Extra 400	20	60	53	133					
Don Lang	Zero	60	41		101					
Alexcey Techuk	Extra 400	29	29	23	81					

**FAC GIANT SCALE**

		FLT.	FLT.	FLT.	SCALE	BONUS	BEST				
Contestant	Plane	# 1	# 2	# 3	SCORE	POINTS	TIME	TOTAL	PLACE		
Chris Starleaf	Dash 8	74	92		57.5	20	75.5	152.5	1		
Bill Henn	Focke Wulf TA 152	106			48	10	79	137	2		
Dave Stott	Taylor E-2 Cub	53	94	86	54	0	76	130	3		
Mark Fineman	Malibu Mirage	37	62	51	53.5	10	61	124.5	4		
Ed Bojan	Nesmith Cougar	83	74		52	0	71.5	123.5	5		
Chuck Schoblower	Messersmitt M 20	36	27	36	52	0	36	88			
NRE Novak	Monarch B	21	22		52	0	22	74			



**FLYING ACES CLUB  
OUTDOOR CHAMPS**  
**MUNCIE, IN Sept 11-12 2004**  
**8:30 AM - 4:00 PM**

**EVENTS:**

**Sat. Sept. 11**

\*\*FAC Jumbo Scale  
\*\*FAC Power Scale  
FAC Scale  
Golden Age Civil  
O.T. Rubber Cabin  
Jimmy Allen  
Embryo Endurance  
Dime Scale  
\*Thompson Race (11:00am)  
\*WW-1 Dogfight (1:00pm)  
\*Fairchild 24 (3:00pm)

**Sun. Sept. 12**

\*\*FAC Jumbo Scale  
\*\*FAC Power Scale (See also \*\*\*)  
FAC Peanut Scale  
Modern Civil  
O.T. Rubber Stick  
Erie Daily Times  
No-Cal Scale  
Fiction Flyers  
\*WW-2 Combat (10:00am)  
\*Peanut Racers (12:00 noon)  
\*Greve Race (2:00pm)

\* Mass Launch events

\*\* Judging Saturday, Flying Saturday and Sunday

\*\*\* Includes Rocket Power (w/ safety lanyard)

Notes: - Peanut racers may be any era/class. Must be in proper color/markings.

- Fairchild 24 models must be built from Guillow kit or plan.

- O.T. Rubber times must be turned in by 3:00pm (for 5 min. fly off).

**Registration :** Send to (make out checks to):

Ralph Kuenz 14645 Stahelin Rd. Detroit, Mi 48223-3608

NAME _____	AMA# _____
Street _____	City _____
State _____	Zip _____
"T" Shirt size: M L XL	

Entry Fee \$20.00 to fly all events. Must hold current AMA or MAAC License  
Contestants receive certificate to purchase one meet "T" Shirt for \$5.00.

Meet "T" Shirts \$12.00. "T" Shirt logo depicts Spartan Executive.

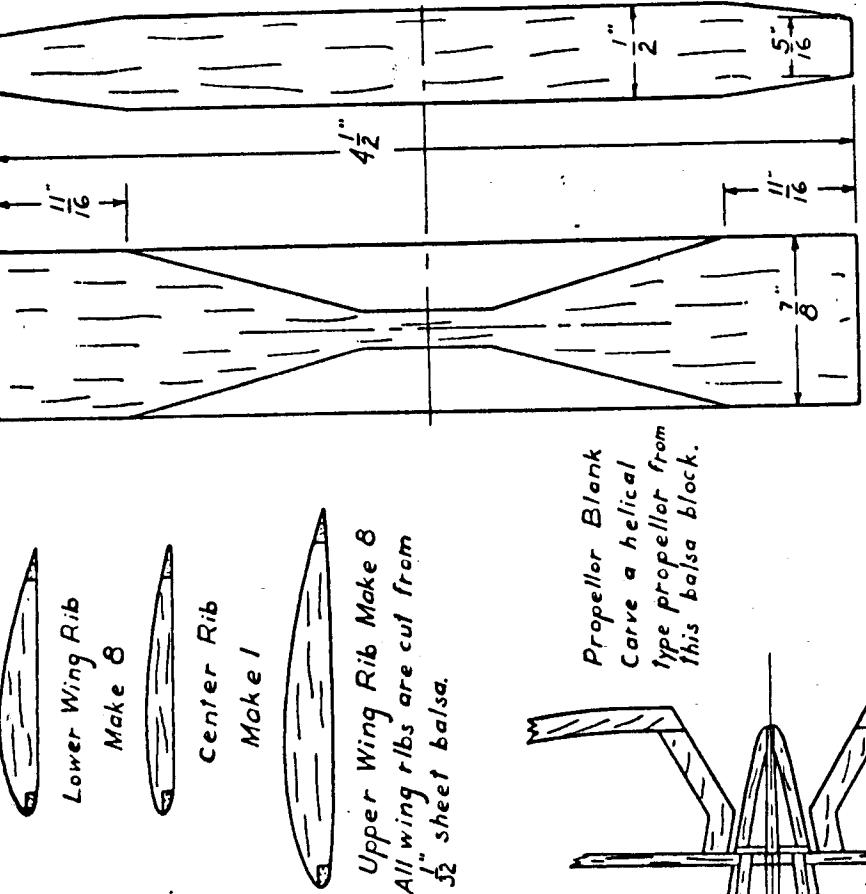
Trophies awarded through third place.

QUESTIONS/DIRECTIONS:

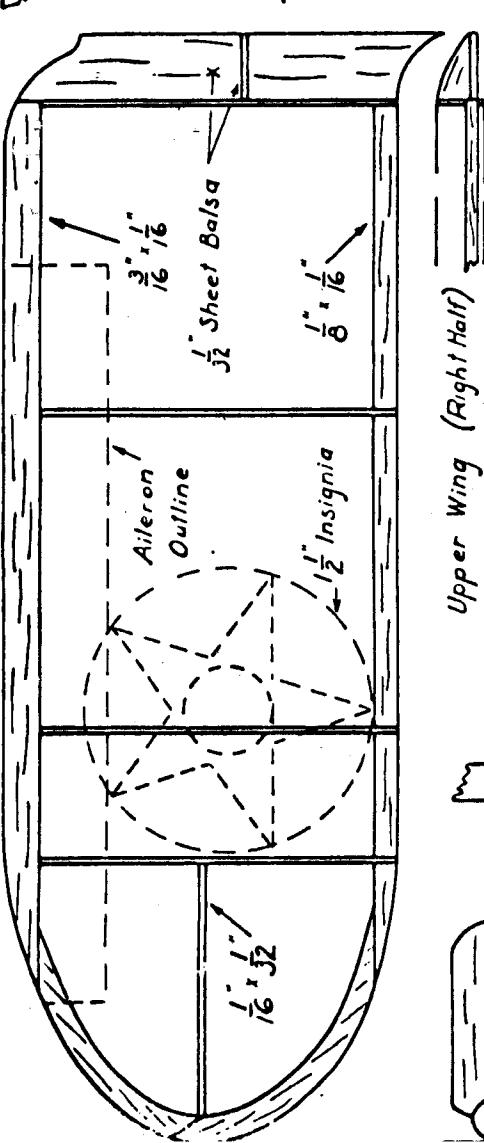
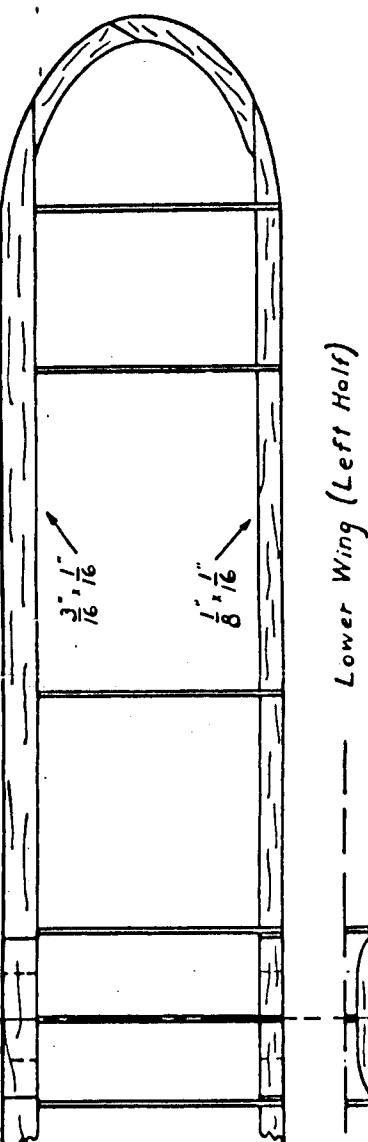
Ralph Kuenz , CD (313) 835-7141 LES BURDSAL, (219) 924-1149 Lpbsr60@cs.com

**CURTISS SPARROW HAWK F 9C-2**  
U.S. NAVY DIRIGIBLE SHIPBOARD FIGHTER  
A Flying Model of 12' Span

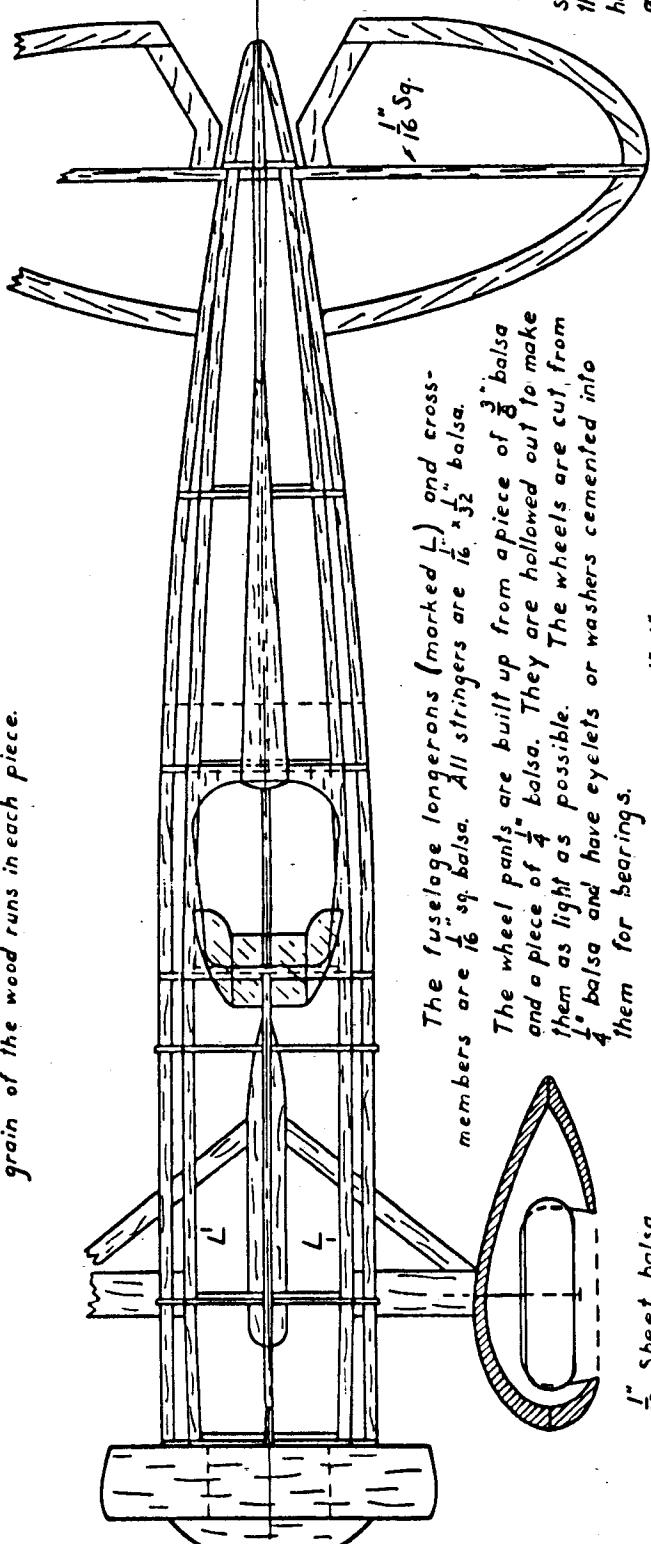
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**DALLAIRE MODEL AIRCRAFT CO.**  
Detroit, Mich.  
All Rights Reserved 1934



All curved pieces for the rudder, stabilizer, and wing tips are cut from  $\frac{3}{32}$ " sheet balsa (hard grade). Notice how the grain of the wood runs in each piece.



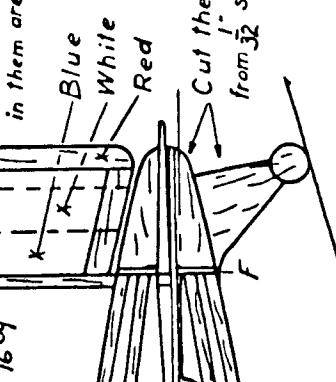
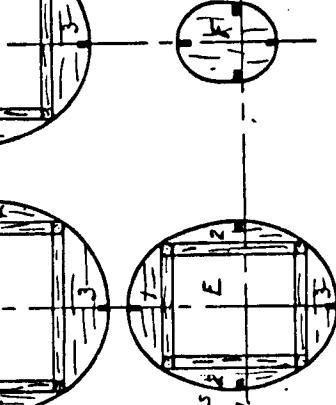
Propeller Blank  
Carve a helical  
type propeller from  
this balsa block.



The fuselage longerons (marked L) and cross-members are  $\frac{1}{16}$ " sq. balsa. All stringers are  $\frac{1}{16} \times \frac{1}{32}$ " balsa. The wheel pants are built up from a piece of  $\frac{3}{8}$ " balsa and a piece of  $\frac{1}{4}$ " balsa. They are hollowed out to make them as light as possible. The wheels are cut from  $\frac{1}{4}$ " balsa and have eyelets or washers cemented into them for bearings.

Make these struts from  $\frac{1}{8} \times \frac{1}{16}$ " balsa.

Form the cockpit with  $\frac{1}{2}$ " sheet balsa.  
Red band  $\frac{3}{8}$ " wide.  
Carve the headrest  
from  $\frac{1}{4}$ " balsa.



Cut this piece from  $\frac{1}{4}$ " balsa  $\frac{3}{8}$ " wide and sand it to a thickness of  $\frac{3}{16}$ " at the rear to allow access to the motor hook.

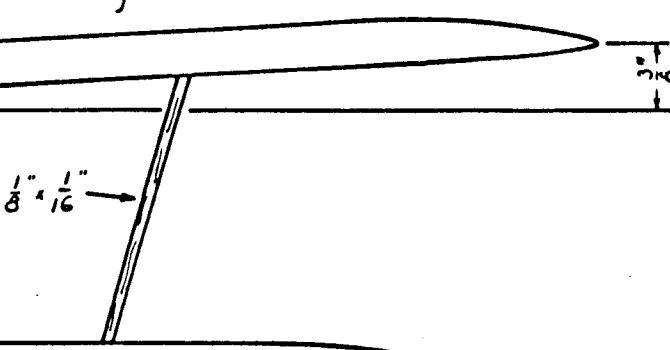
Make the wire fittings; propeller shaft, rear hook, and axles from light music wire.

8

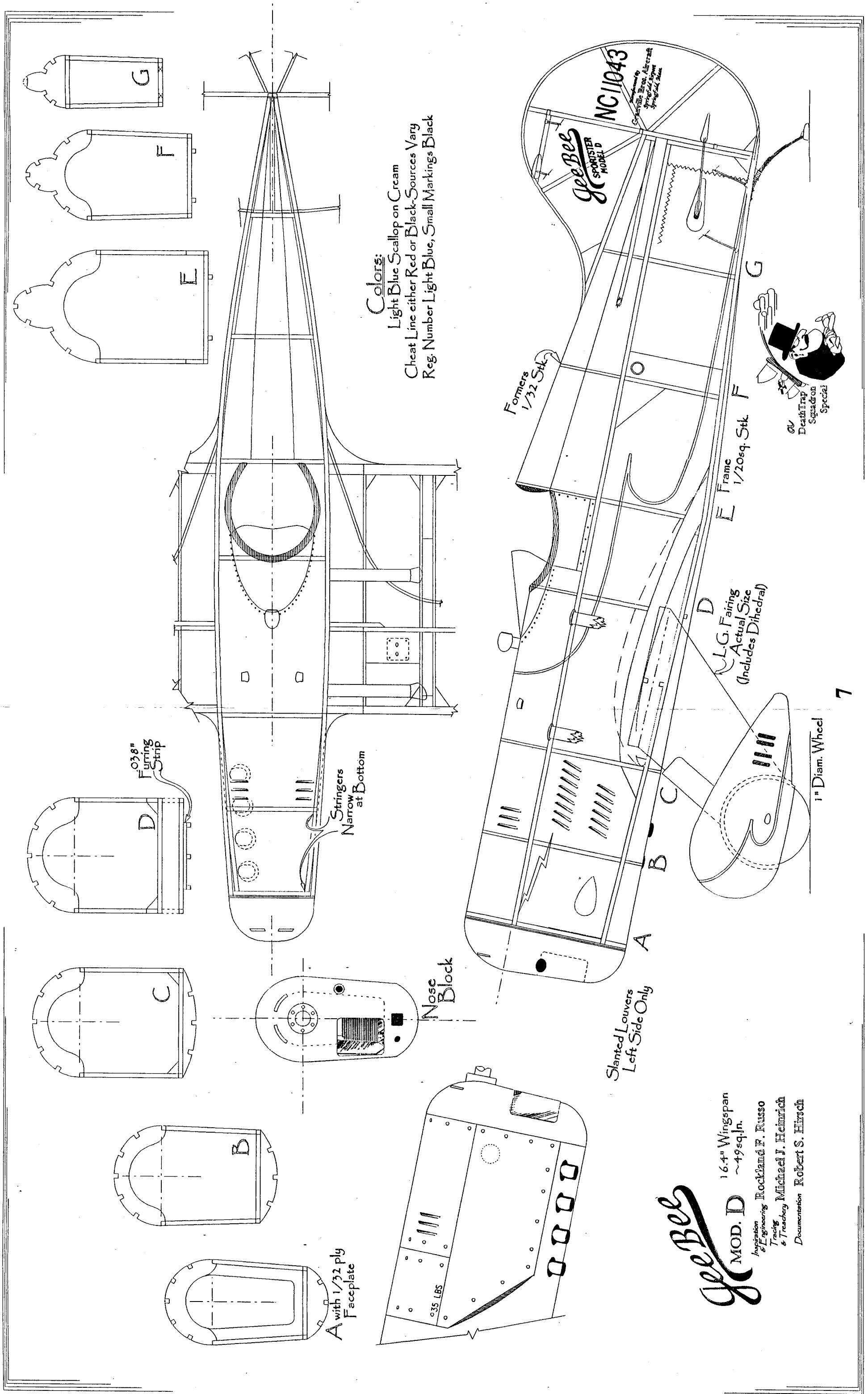
Use one loop of  $\frac{1}{8}$ " flat rubber for motor power.  
Balance the model for flight by adding weight to the nose.

Carve the motor ring from  $\frac{3}{8}$ " balsa, making it as light as possible. A nine cylinder motor may be drawn on the front of it with ink.

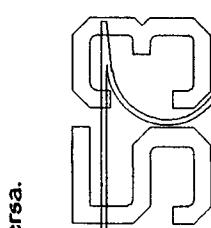
Make the nose plug from  $\frac{1}{4}$ " balsa with a  $\frac{1}{4}$ " boss to fit into the motor plate. A washer or eyelet is cemented into it for a thrust bearing.



Cover the top of the upper wing and the top of the stabilizer with yellow tissue. Cover the rest of the model with plain tissue, to represent aluminum. Paint the outside of the motor ring, the nose plug, the wheel pants, the "sky hook", and the upper-wing-rods red. The covering of the fuselage and wings may be shrunk tight by spraying it lightly with water.



Panther & Race Number Graphics  
are Optional, Depending on Time and Place;  
Some Photos show Panther Without Number,  
Some show Neither. "53" would be Opposite Color  
of Surface it Shows Against, Blue on White Area  
and Vice Versa.

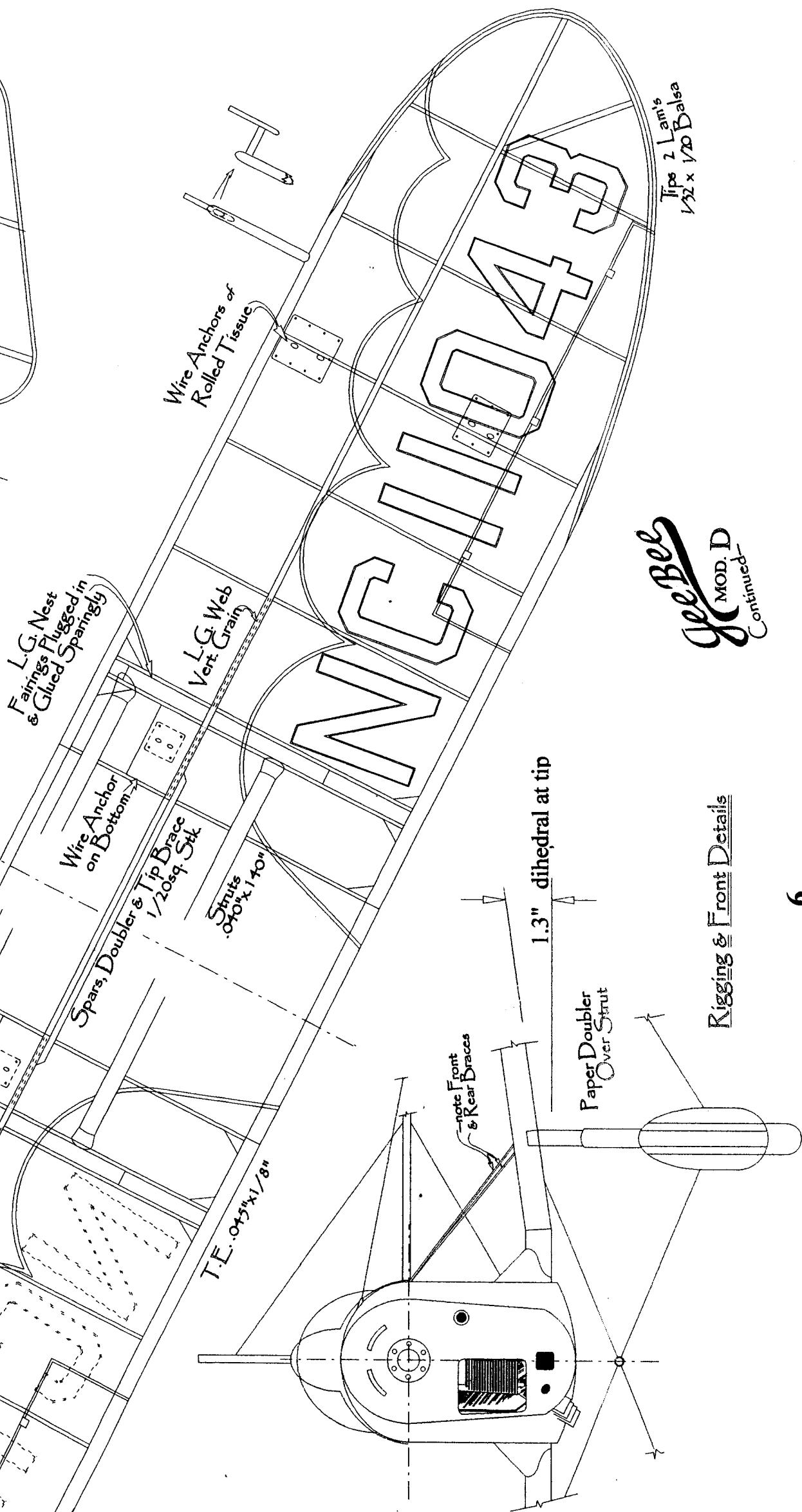
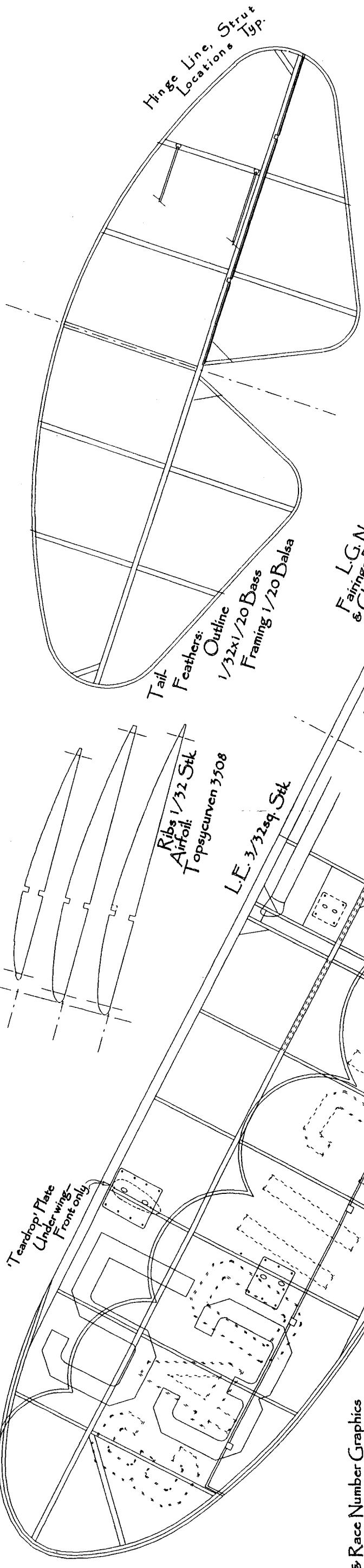


NC11043

Granville Bros. Aircraft  
Springfield, Mass.  
Sportster Model D

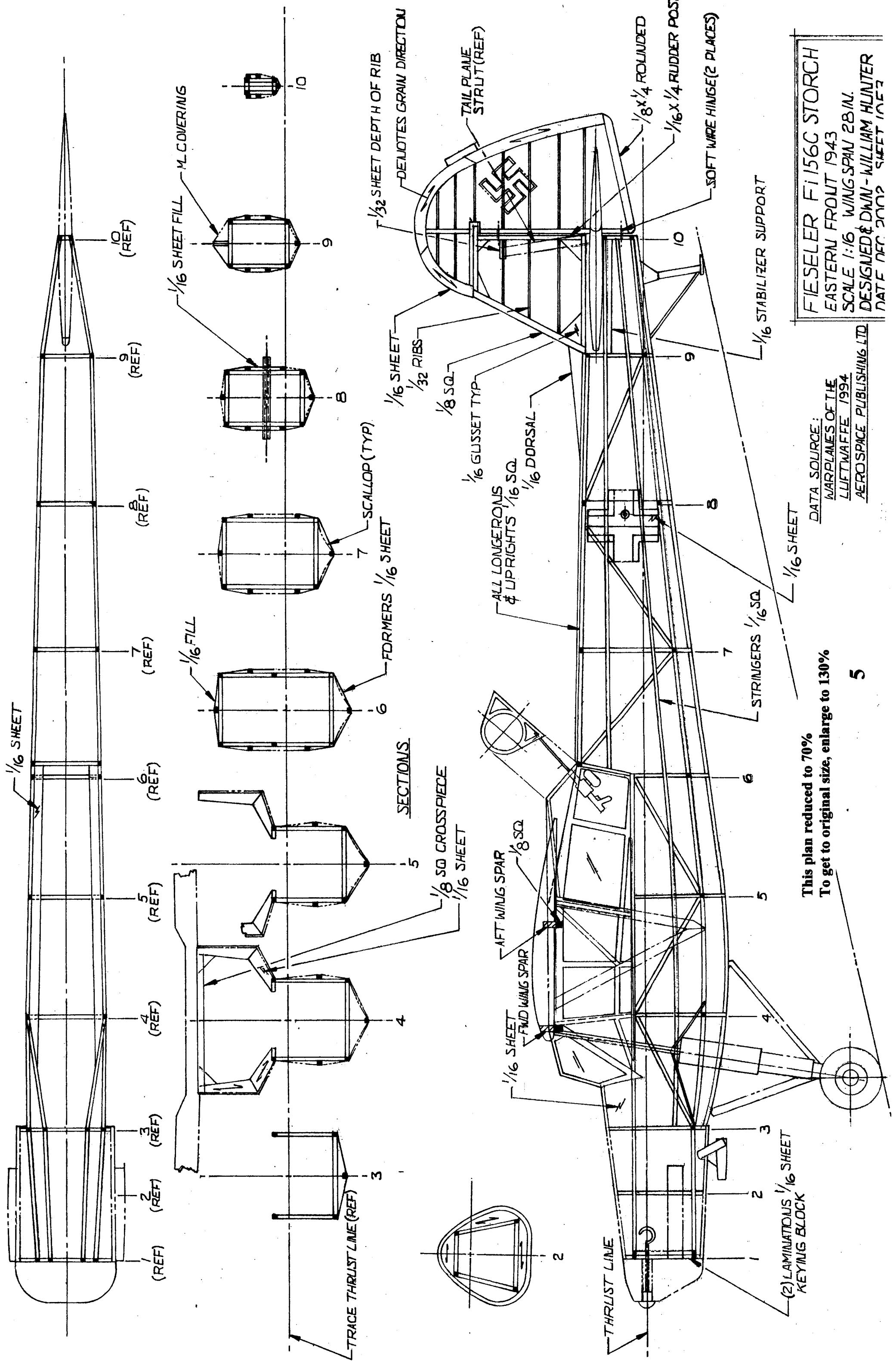
NC11043

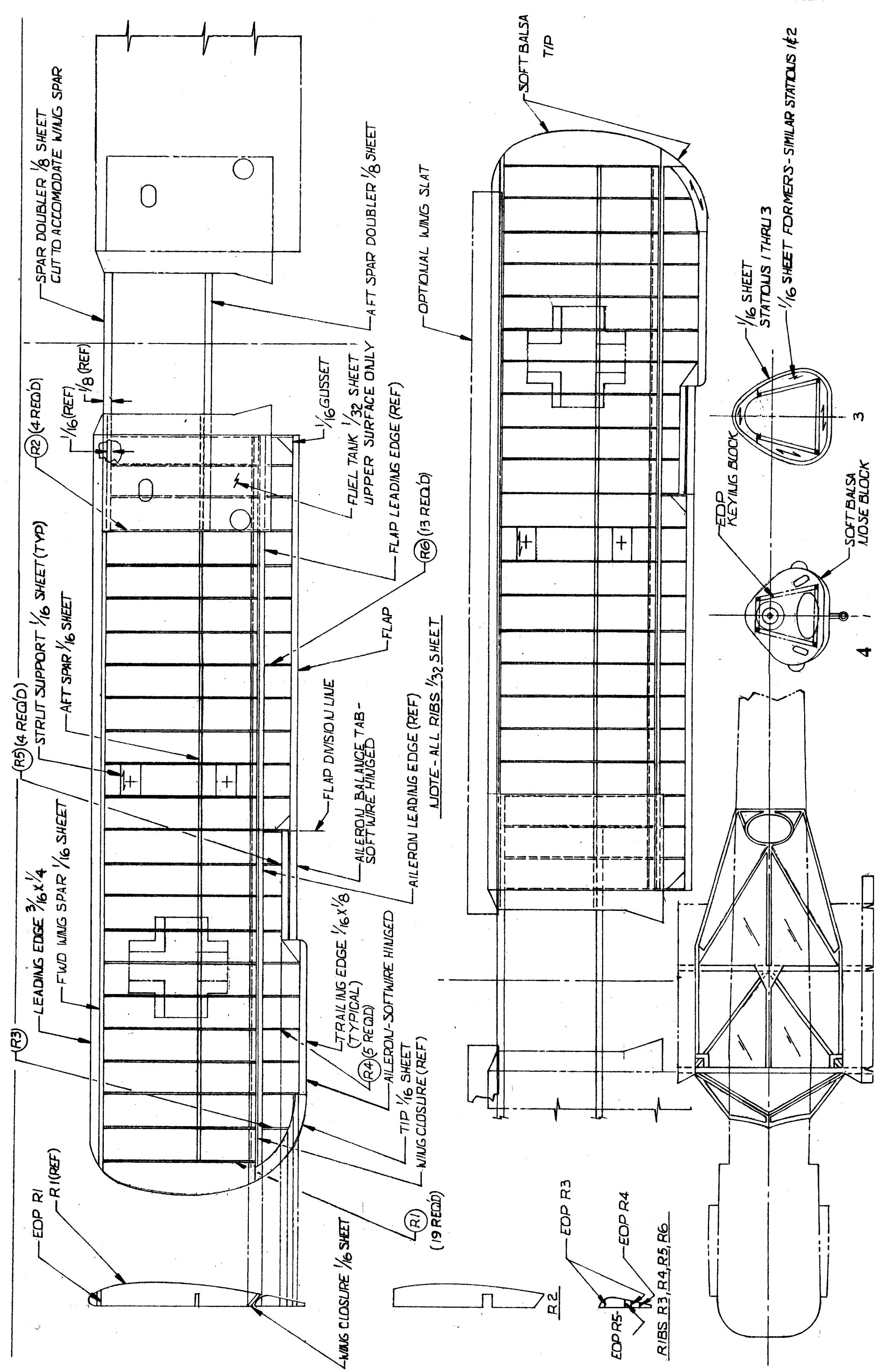
Granville Bros. Aircraft  
Springfield, Mass.  
Sportster Model D

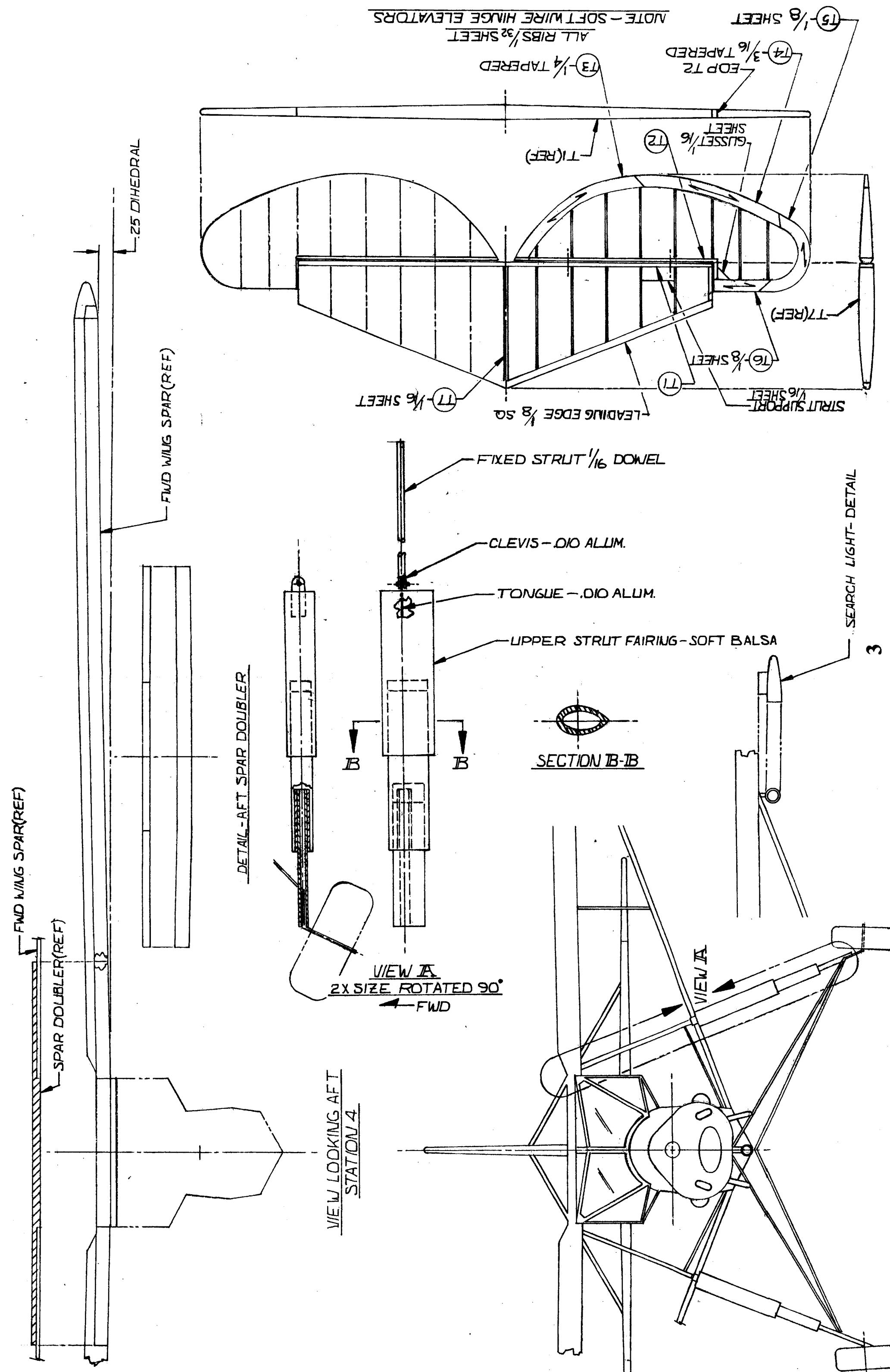


*Jee Bee*  
MOD. D  
Continued

Rigging & Front Details







**DIELS ENGINEERING, INC.**  
P.O. BOX 263  
AMHERST, OHIO 44001

\*\*\*ADVANCE ORDER DIRECT ONLY\*\*\*  
**SPECIAL COMBINATION KIT #8**  
CONTAINING ONE EACH KIT #40 & #41  
Orders accepted until kits are ready for shipment  
or July 31, 2004, which ever comes last



**KIT #40 REPUBLIC P-47 THUNDERBOLT**  
U.S. ARMY AIR FORCE FIGHTER VERSIONS INCLUDE P-47D & N (RAZORBACK & BUBBLETOP)

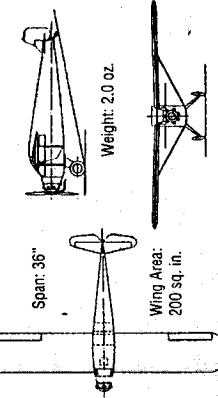
**KIT #41 MITSUBISHI J2M3 RAIDEN (THUNDERBOLD), CODE NAMED JACK, JAPANESE WW2 NAVY FIGHTER**

1/24th Scale  
17.7" Span P-47D

1/24th Scale  
17.7" Span P-47N

Both scale kits are Rubber Powered Free Flight and include printed plans, stripwood, stripwood, decals, Japanese tissue, plastic prop and hardware, rubber and molded plastic canopies. This special combination collector's kit has an estimated delivery date of July 31, 2004. The advance order price is \$47 for each combination kit plus \$7 each shipping. **REMEMBER THIS COMBINATION SPECIAL IS ONLY AVAILABLE BY ADVANCE ORDER DIRECT FROM DIELS ENGINEERING, NOT THROUGH DEALERS.** Separate Kits #40 & #41 also available for advance orders for \$25 each plus \$7 each S&H. Retail price of individual kits will be much higher. Retail price takes effect as of July 31, 2004. Complete Catalog \$2 or free with order. We now accept payment by PayPal.  
<http://pageproducer.acm.net/dielsengr/>

### General "Aristocrat" Kit



**Rubber-Power Free Flight Kit**  
NFFS "Model of the Year" 1998  
A Dave Rees design

Competition model for FAC flying in Golden Age or Jumbo Scale events. The kit complies with FAC rules, including builder of the model rule. An example of the latest lightweight construction, the kit is for experienced modelers who enjoy building Rubber Power Free flight scale airplanes. Kit includes turned balsa wheels, pre-formed balsa nose block, Eakki tissue, plastic prop, adhesive graphics for blue and yellow color scheme.

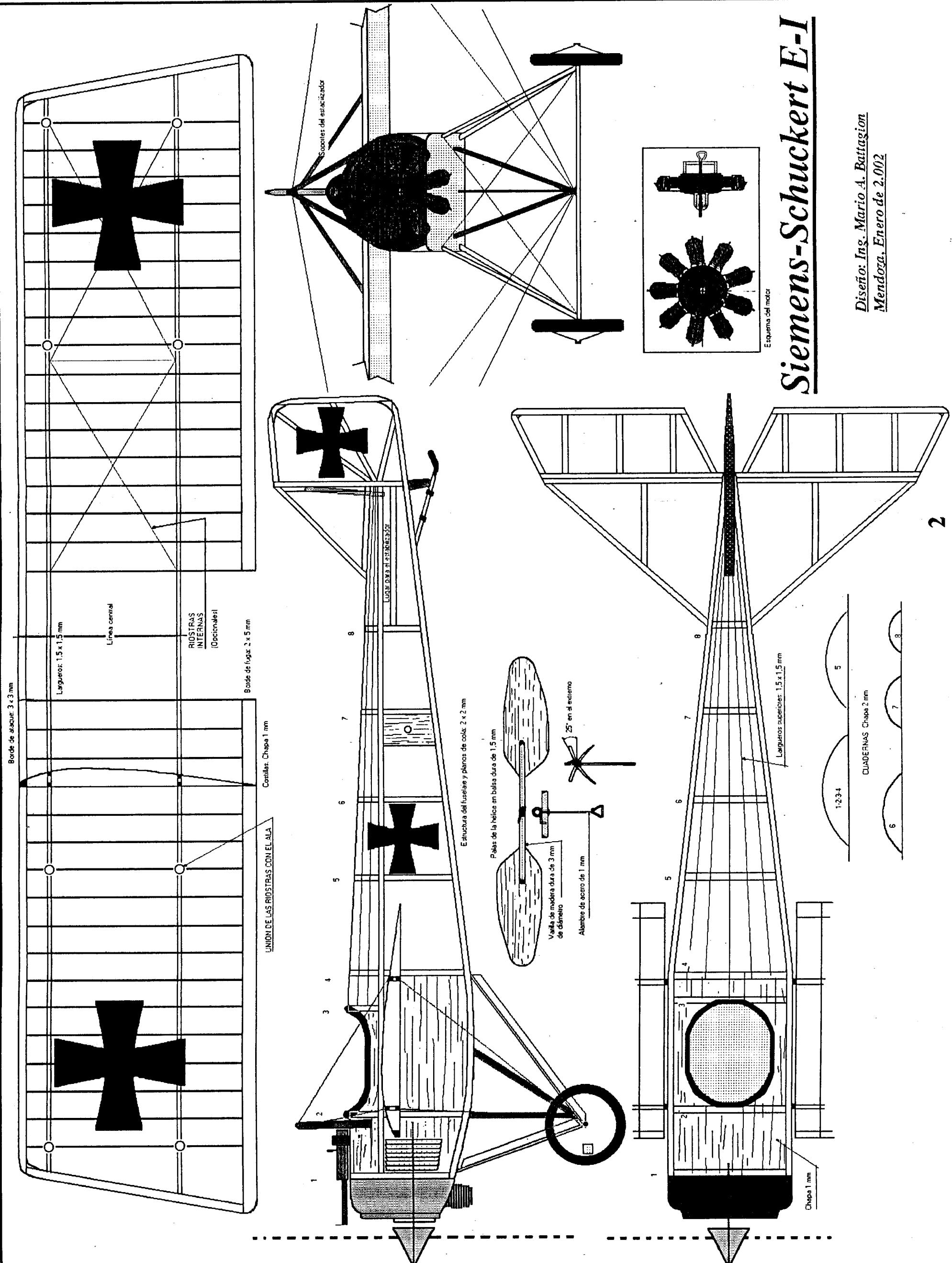
**\$35.00**  
Please add \$6.00 postage/handling  
SEND EL FOR CATALOG

PO BOX 11558, GOLDSBORO, NC 27532

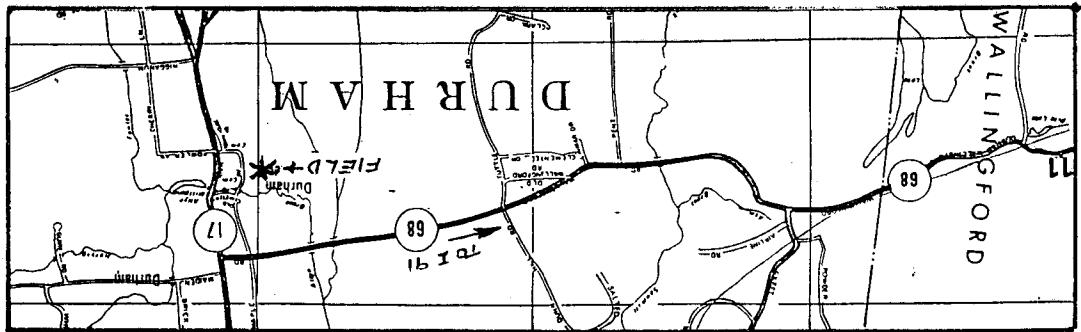
## Siemens-Schuckert E-I

*Disenio: Ing. Mario A. Battaglia  
Mendoza. Enero de 2.002*

2



*Jill Bee*  
MOD. D  
Cont. Arrangements  
S. V. K.



MINI MEETS ON FIRST SUNDAY OF EVERY MONTH 9:00 TO NOON  
NOV. 14 TURKEY FLY MD-WINTER MANDNESS JAN. 16, '85

#### FUTURE MEETS

DO NOT PARK OR DRIVE ON GRASS.

This is vital. Also, at this time please register for the mass launch events.

Please take the time to fill out your mailing label in order to receive "Squadrons Up", our contest bulletin. Print legibly and indicate if you are a member of the Flying Acers Club by printing "PAC". In the upper right corner of the label, if you expect to receive a trophy credit for the racing at HQ,

#### WHEN YOU SIGN UP

MAX FLIGHT TIME WILL BE SET ACCORDING TO CONDITIONS EXPECTED FOR THAT DAY.

ANY FAC EVENT OF YOUR CHOICE! Bring a model of your favorite FAC event other than mass launch. High count will determine the event to be run. Let C.D. know on sign up.

8. FAC SCALE: Bring the planes you built, 'em from.

7. FAC W.W. II COMBAT.

8. FAC SCALE: Bring the planes you built, 'em from.

THE RACES AND HOLD A THOMPSON RACER SHOW, WE WILL SEPARATE THE RACES AND HOLD A THOMPSON RACER SHOW AT 3:30 P.M. (15% MOTORS) REGISTER FOR

6. GRVE/THOMPSON COMBINED RACER SHOW Starts at 1:30, 15% motors.

shrink to suit, 10% bonus if from old Flying Acers magazine. No max.

5. FLYING ACES SPORT: For cabin or open pit non-scale jobs. 25" span limit. Large or

4. NO-SCALE: 16 span limit propellers.

3. FAC MEMBERS ENDURANCE: Uses the scale score multiplier, no max.

2. FAC SCALE/JUMBO COMBO

#### EVENTS

WE WOULD LIKE TO SEE YOU ALL AT THE END OF THE MEET TO KNOW YOUR THOUGHTS

"Of course", when you have completed flying in any event, or unable to complete an event, please indicate on the score sheet by an X in the appropriate box. This will speed up processing and indicate to the awards presentation and discussions on future meets.

CONTEST OPENS AT 9:00 AM, CLOSES AT 4:30 OR SOONER\*

AMA MEMBERSHIP REQUIRED

CD, Paul Sitor (203) 929-5139

ENTRANCE: \$3.00 CERTIFICATES TO 2nd PLACE.

WHITE FARM, DURHAM, CT SEPT. 12, 2004

FALL FLY-IN

FAC SQUADRON NO. 2

GLASTONBURY MODELLERS



1

