President: Mike Basta
913-492-4830
Vice President: Jeff Renz
913-341-2781
Treasurer: Jack Vetter
913-296-5224
Dues: $20
Secretary: Dana Field
913-400-2132

AMA Charter # 2357
SAM Chapter #14
FAC Squadron 75

Heart of America Free Flight Association

9135 Hall Dr.
Lenexa, KS 66219

website: ***FLYHAFFA.com***

DISPATCH

August 2016

Schedule of Flying
Events and Meetings

Date	Day	Location	Time	Notes
OUTDOOR EVENTS				
August 9	Tue	Olathe Flying Field	~6:30	**HAFFA Outdoor Champs Flying**
August 13 -14	Sat – Sun	Perry, OK	All Day	**67th Tulsa Glue Dobbers Annual Summer**
August 23	Tue	Olathe Flying Field	~6:30	**HAFFA Outdoor Champs Flying**
Sept 3 – 5	S – M	Denver, CO	All Day	**50th Rocky Mountain Champs**
Sept 13	Tue	Olathe Flying Field	~6:30	**Finals HAFFA Outdoor Flying Champs**
Sept 18	Sun	Perry, KS – Suman's Field	12:00??	**HAFFA 2nd Annual Picnic**
Sept 22 – 23	T – F	Muncie, IN	All Day	**FAC Outdoor Champs**
Oct 1 - 2	Sat – Sun	Marion, Kansas	All Day	**HAFFA Outdoor Championship**
Oct 22 – 23	Sat – Sun	Perry, OK	All Day	**Tulsa Glue Dobbers Annual Fall**
INDOOR EVENTS				
August 16	Tue	Southridge Presbyterian	7:00	**Club Meeting**
September 20	Tue	Southridge Presbyterian	7:00	**Club Meeting**
October 18	Tue	Southridge Presbyterian	7:00	**Club Meeting**
November 15	Tue	Southridge Presbyterian	7:00	**Club Meeting**
December 20	Tue	Southridge Presbyterian	7:00	**Club Meeting**

HAFFA Indoor Flying Site Locations:

Ozanam Gymnasium
421 E. 137th St.
Kansas City, MO

Osawatomie City Auditorium
425 Main St.
Osawatomie, KS

Osawatomie reserves the right to cancel if they get a paying customer

HAFFA Club Meetings:

Southridge Presbyterian Church
5015 Buena Vista St.
Roeland Park, KS 66205

For Outdoor flying information contact Mike Basta (913-492-4830)
For Indoor flying information contact Jeff Renz (913-484-0377)

This is a reminder that our indoor flying fee is $10/person

HAFFA Outdoor Champs

The twice a month flying for points has heated up! At the first July session, Jeff Renz managed to beat Mike in three of the four events in fairly lousy down air, which would have cut Mike's lead to only a couple of points. But with the new format, best time of the month, Mike managed to come back and beat Jeff's time in ½ Gollywock, and tie him in HLG in the second session. Jeff could not fly because of a work commitment (a nuisance I say!), and the final result was Mike actually gained one point! However, the way Jeff's planes are flying, and the way Mike has broken some of his (tell me about it, I have broken all of mine!), with three sessions left for the year, it could get interesting! Can Jeff do well enough to overtake Mike, or will the perennial champ hold on to win for the fourth year in a row? We have had a couple of interested visitors coming to our flying sessions, Jeff Nisley and David Meyer. Both have built models, and with luck, we will have both out here by next summer as members flying for points!

HAFFA 2016 Outdoor Club Contest Results/Standings

HLG – Best Time	May	June	July	August	September	Points Total
Dana Field	26	23	14			7
Mike Basta	24	30	33			9
Jeff Renz	26	18	33			8
Jack Vetter	16	15	20			4

*Javelin launch only – Field is too small for discus launchings.

CLG – Best Time	May	June	July	August	September	Points Total
Mike Basta	38	41	25			12
Jeff Renz	27	25	21			9
Jack Vetter	8	13	10			5
Dana Field	2	3	13			4

Jet CLG – BT	May	June	July	August	September	Points Total
Mike Basta	14	22	15			8
Jeff Renz	10	15	20			7
Jack Vetter	2	8	6			3

½ Gollywock - BT	May	June	July	August	September	Points Total
Jeff Renz	23	34	35			7
Mike Basta	21	35	36			8
Jack Vetter	3	11	15			3

Standings	May Points	June Points	July Points	August Points	September Points	Total Points	Current Standings
Mike Basta	11	14	12			37	1st
Jeff Renz	11	9	11			31	2nd
Jack Vetter	5	5	5			15	3rd
Dana Field	4	4	3			11	4th

News Flash!!!!

Evan Guyett wins F1D at the AMA Indoor Nats!!!!

Last month's AMA Indoor Nats was held at the former Chanute Air Force Base in Rantoul, Illinois. A local Illinois club has secured a hanger on a long term basis, and has it fixed up for indoor flying, suitable for a Nats with a central US location. Our Larry Coslick and Evan Guyett made the trek, and Evan won F1D, in a pretty large field of entrants, beating the likes of Jim Richmond, Don Slusarczyk, and Larry Coslick while doing so. Larry, you must be a real good teacher! If I am not mistaken, this was Evan's first year competing as a senior as well. Evan is off to his first year of college in the near future Engineering, of course), and we all wish him the best of luck and hope he keeps in contact in the future!!

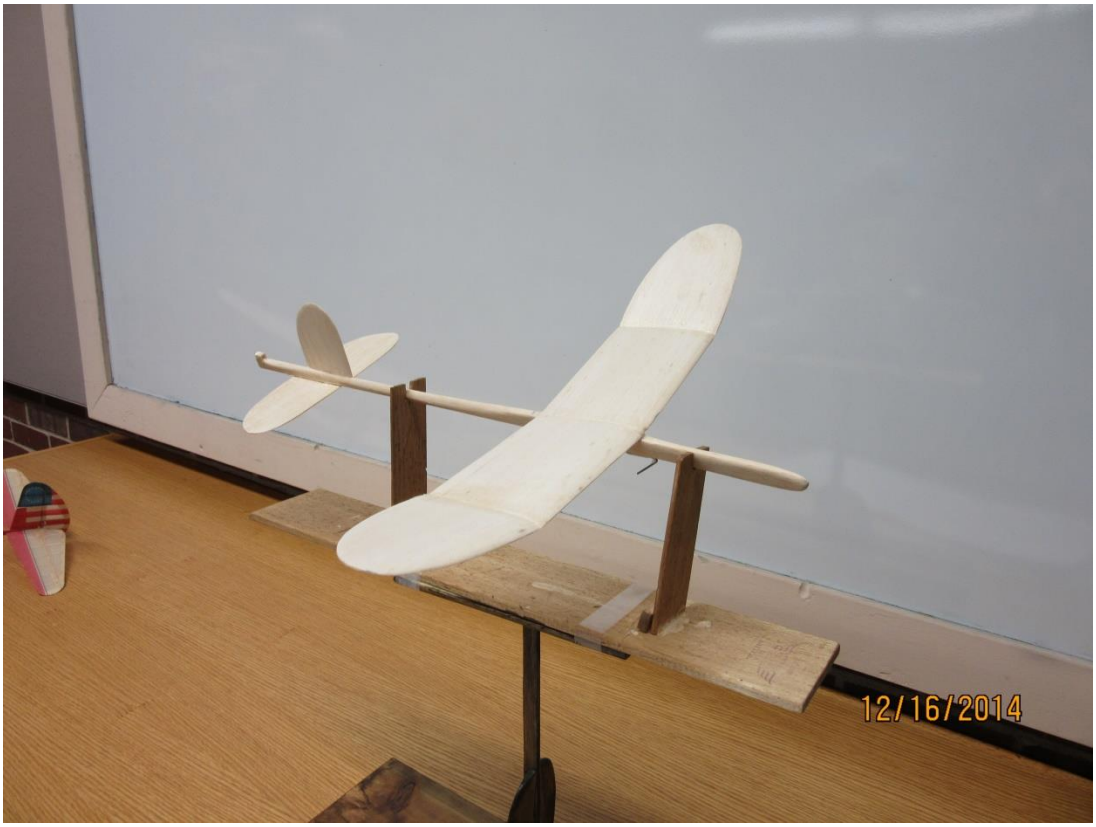
Way to go Evan!!!

HAFFA Annual Picnic

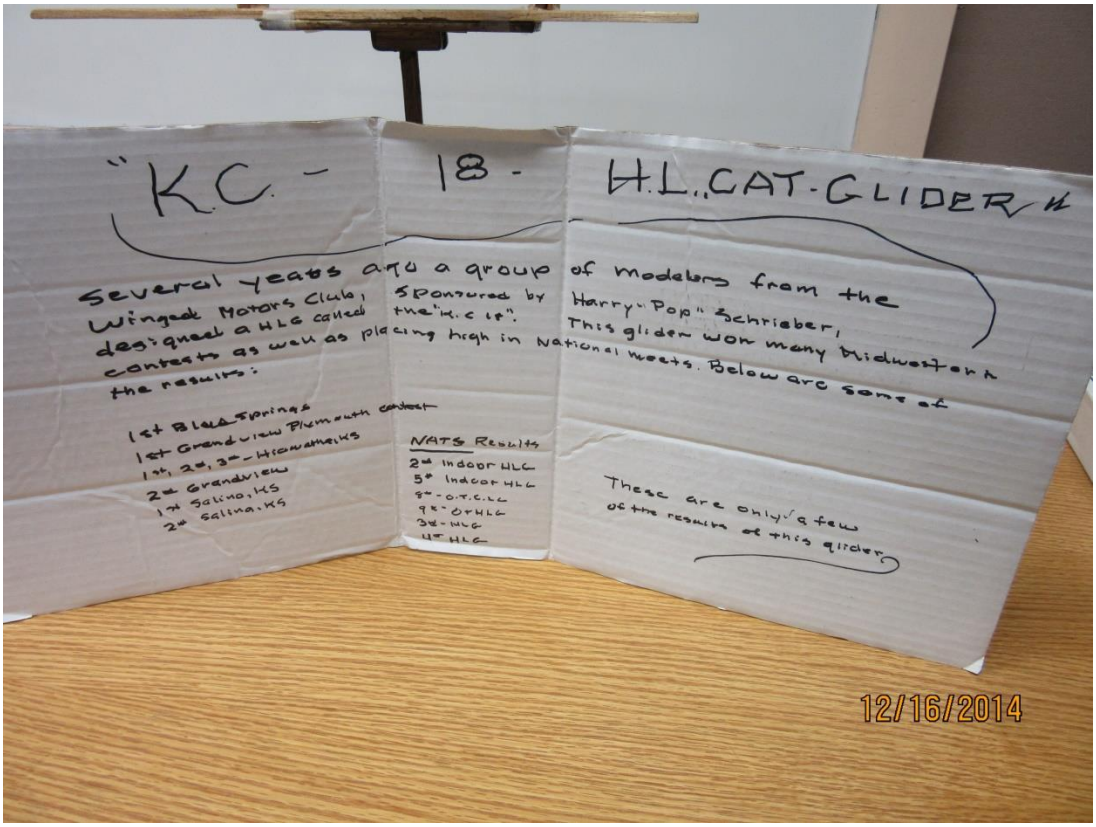
At the June meeting our picnic for June was postponed due to the early onset of the ridiculous hot and humid summer we are experiencing, and it was decided to have it in September. After some hashing it out, and subsequent prodding on my part, Sunday, September 18, was chosen as the date, and it will be held at Suman Saripalli's field in Perry, KS (It has a nifty name, but I can't recall it at the moment). Extending the Champs flying to include flying at the picnic was also adopted, but with more cajoling and reasoning on my part, it was rescinded, and a new Jetco Thermic event for the picnic, and maybe championship flying next year, was decided upon. Basically, for the picnic, any Jetco Thermic hand launched model can be flown. Would like to include those gorgeous towlines as well, but, depending on the wind, they could be tough to keep on the field. So, I am including full size plans for the Thermic 20 (actual wingspan closer to 17) and Thermic B farther back in this newsletter. I also have plans for the Thermic 18, but could not find them yet. It is an easy one night build anyway. So, if you don't have a Thermic in your collection, get one built and hope to see you at the picnic!



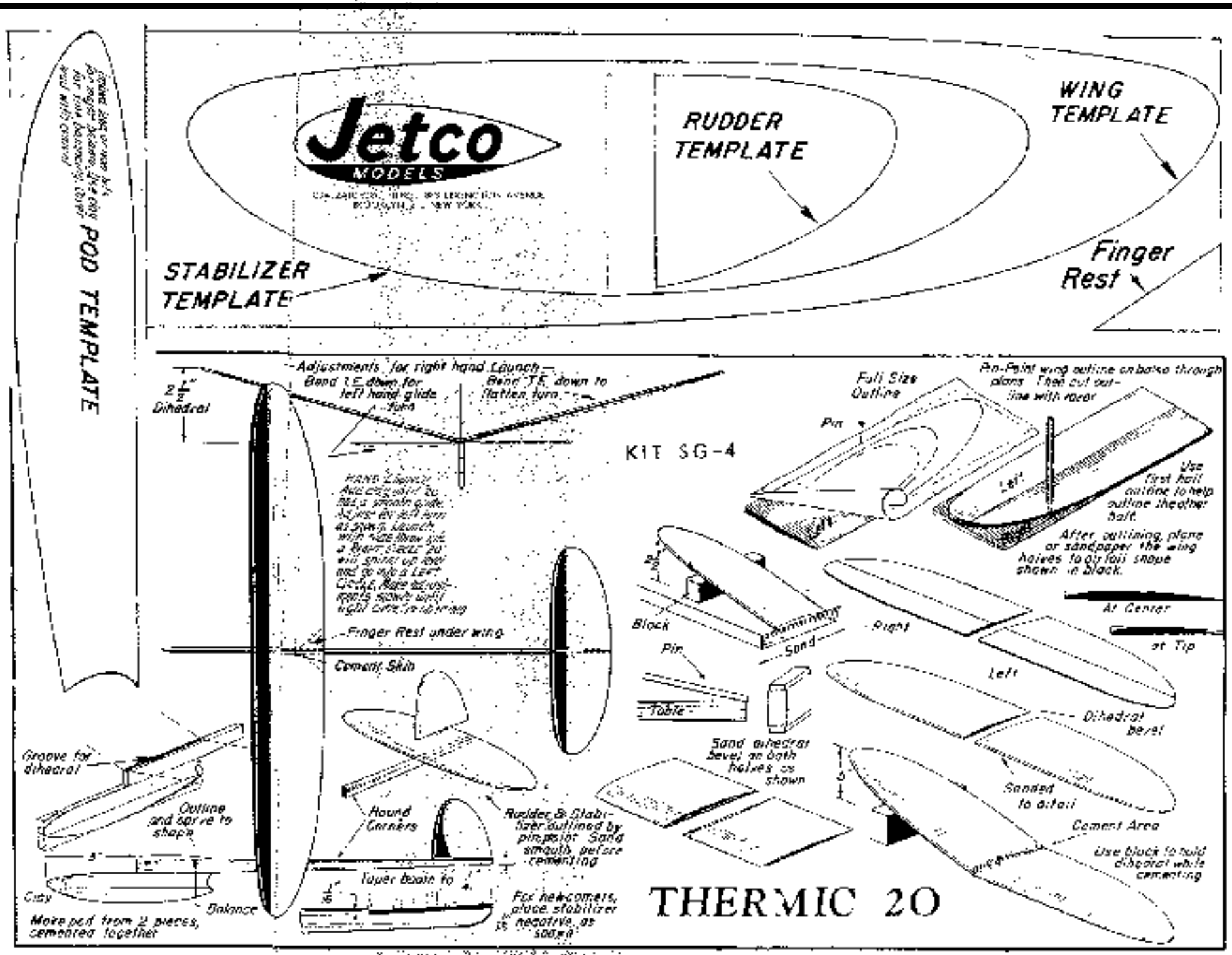
Jeff Renz Photo Ralph Carlson at one of our sessions with a KC 18 HLG

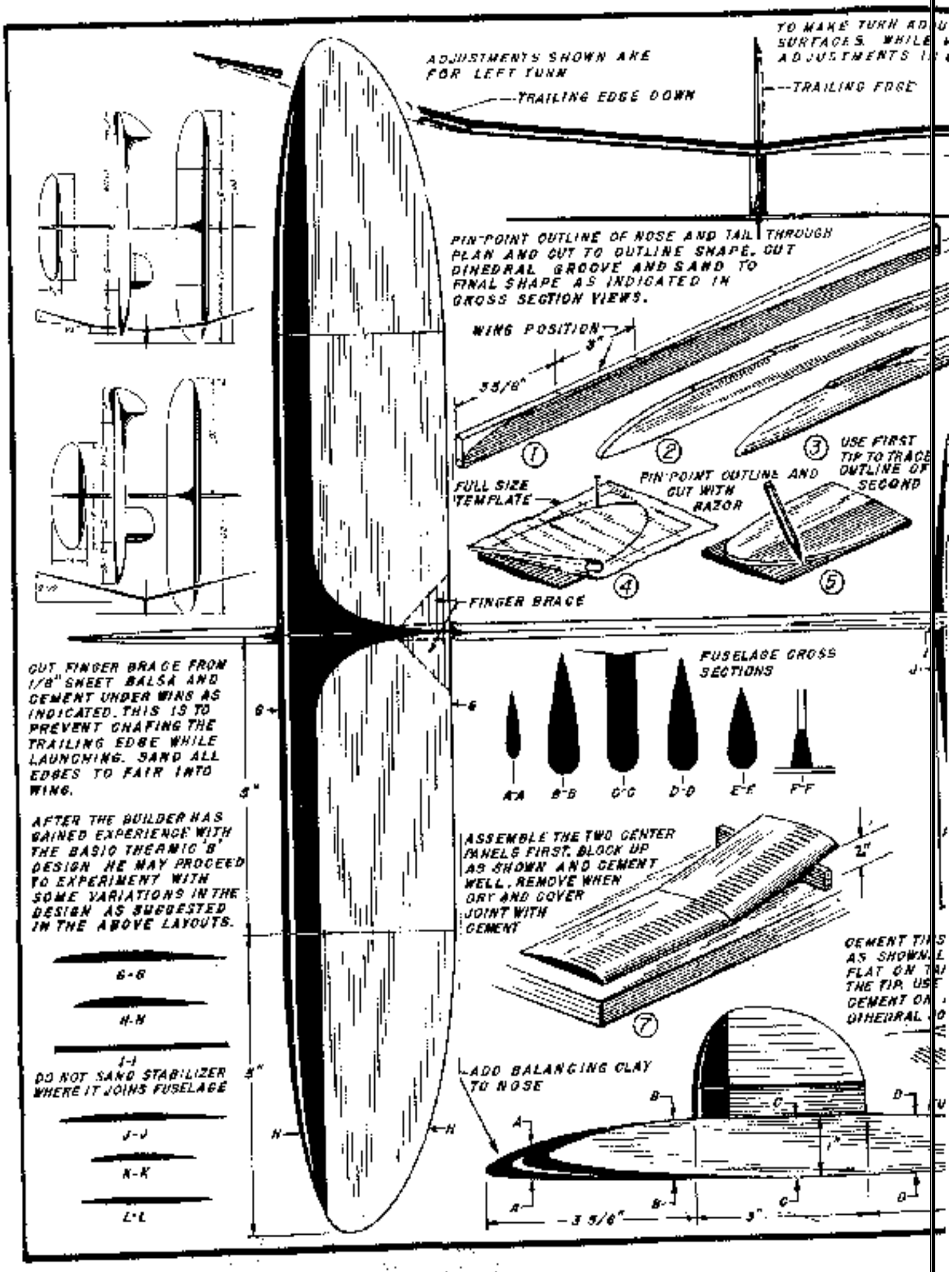


Jeff Renz Photo The “KC 18 HLG’, only it has a CLG hook, so must be KC 18 CLG, Cat Launch Version



Jeff Renz Photo History of the KC 18 – do we have plans? Looks like another Champs event!!

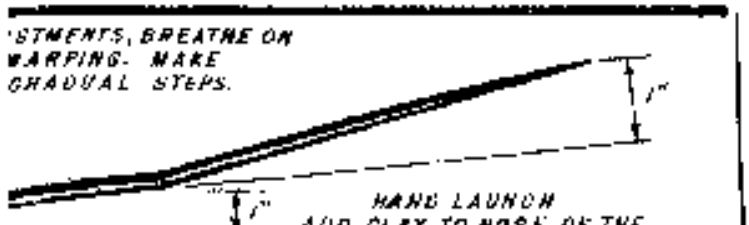

Jetco
MODELS
WING TEMPLATE
RUDDER TEMPLATE
STABILIZER TEMPLATE
Finger Rest
POD TEMPLATE
KIT SG-4
THERMIC 20
Adjustments for right hand Launch
Bend T.E. down for left hand glide turn
Bend T.E. down to flatten turn
2 1/2 Dihedral
Finger Rest under wing
Cement Skin
Full Size Outline
Pin-Point wing outline on balsa through plans. Then cut outline with razor
Use first half outline to help outline the other half.
After outlining, plane or sandpaper the wing halves to airfoil shape shown in Black.
At Center
at Tip
Right
Left
Dihedral bevel
Sand dihedral bevel on both halves as shown
Block
Pin
Table
Sand
Groove for dihedral
Outline and sand to shape
City
Balance
Make pod from 2 pieces, cemented together
Round Corners
Rudder & Stabilizer outlined by pinpoint. Sand smooth before cementing
Lower boom to
For newcomers, place stabilizer negative, as shown
Sanded to airfoil
Cement Area
Use block to hold dihedral while cementing


ADJUSTMENTS SHOWN ARE FOR LEFT TURN
TRAILING EDGE DOWN
TRAILING EDGE
PIN-POINT OUTLINE OF NOSE AND TAIL THROUGH PLAN AND CUT TO OUTLINE SHAPE. CUT DIHEDRAL GROOVE AND SAND TO FINAL SHAPE AS INDICATED IN CROSS SECTION VIEWS.
WING POSITION
3"
5 5/8"
1
2
3
USE FIRST TIP TO TRACE OUTLINE OF SECOND
FULL SIZE TEMPLATE
PIN-POINT OUTLINE AND CUT WITH RAZOR
4
5
FINGER BRACE
CUT FINGER BRACE FROM 1/8" SHEET BALSA AND CEMENT UNDER WING AS INDICATED. THIS IS TO PREVENT CHAFING THE TRAILING EDGE WHILE LAUNCHING. SAND ALL EDGES TO FAIR INTO WING.
AFTER THE BUILDER HAS GAINED EXPERIENCE WITH THE BASIC THERMIC 'B' DESIGN HE MAY PROCEED TO EXPERIMENT WITH SOME VARIATIONS IN THE DESIGN AS SUGGESTED IN THE ABOVE LAYOUTS.
6
5"
FUSELAGE CROSS SECTIONS
A-A
B-B
C-C
D-D
E-E
F-F
ASSEMBLE THE TWO CENTER PANELS FIRST. BLOCK UP AS SHOWN AND CEMENT WELL. REMOVE WHEN DRY AND COVER JOINT WITH CEMENT
2"
7
G-G
H-H
I-I
DO NOT SAND STABILIZER WHERE IT JOINS FUSELAGE
J-J
K-K
L-L
ADD BALANCING CLAY TO NOSE
A
B
C
D
3 5/8"
3"

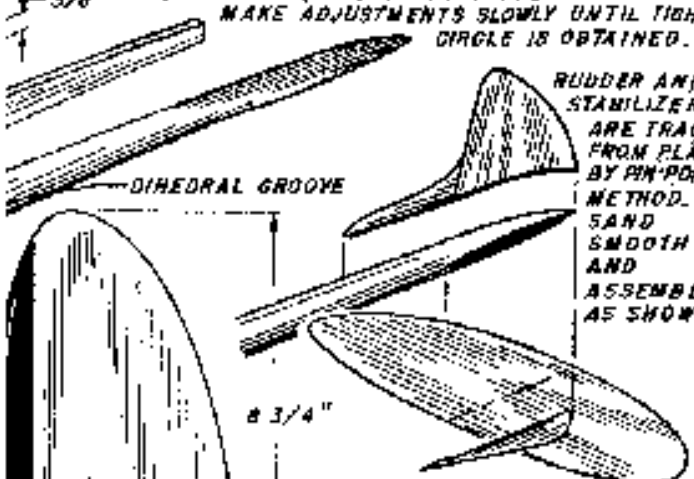
Thermic 'B'

STABILIZER

KIT SG-4

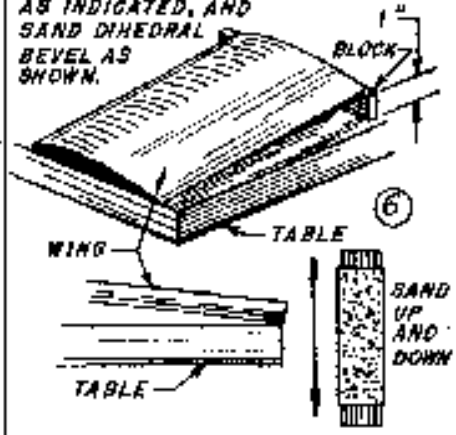


HAND LAUNCH
ADD CLAY TO NOSE OF THE THERMIC "B" UNTIL IT HAS A SMOOTH GLIDE. ADJUST FOR LEFT TURN AS SHOWN. LAUNCH WITH LONG SWEEPING SIDE THROW INTO A RIGHT CIRCLE. THERMIC "B" SHOULD SPIRAL UP, LEVEL OFF, AND GO INTO A LEFT CIRCLE. MAKE ADJUSTMENTS SLOWLY UNTIL TIGHT CIRCLE IS OBTAINED.

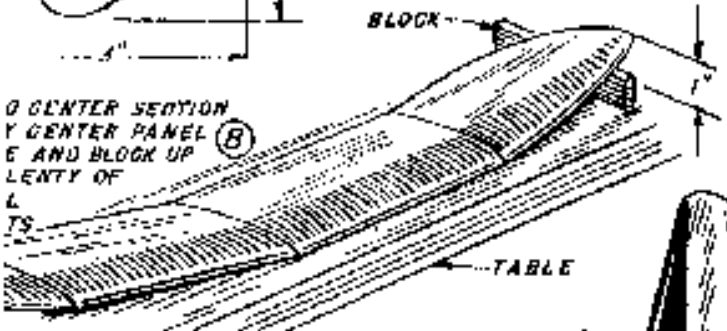




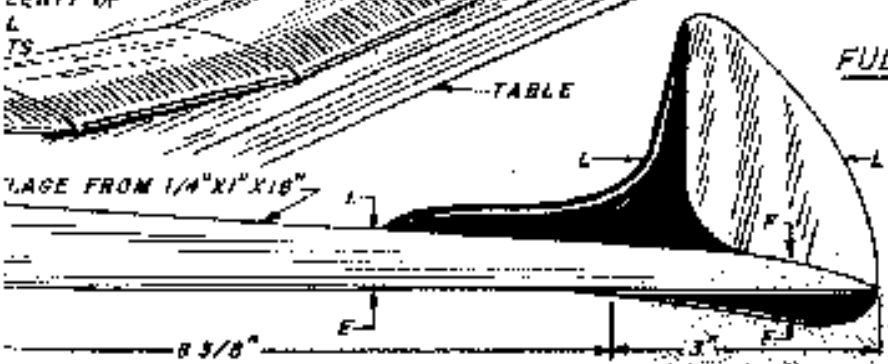
SAND ALL WING SECTIONS TO AIRFOIL SHAPE BLOCK UP AS INDICATED, AND SAND DIHEDRAL BEVEL AS SHOWN.

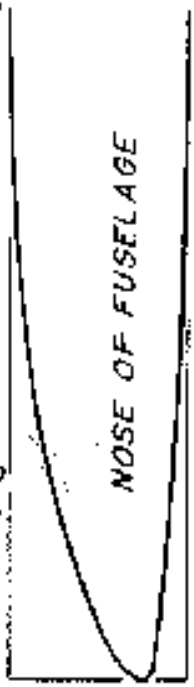


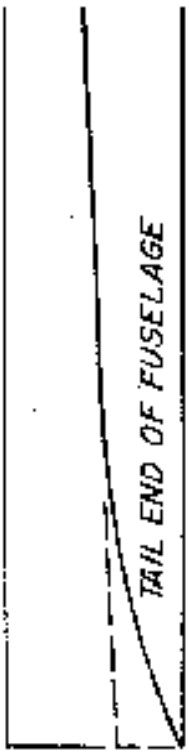
SANDING DIHEDRAL BEVELS

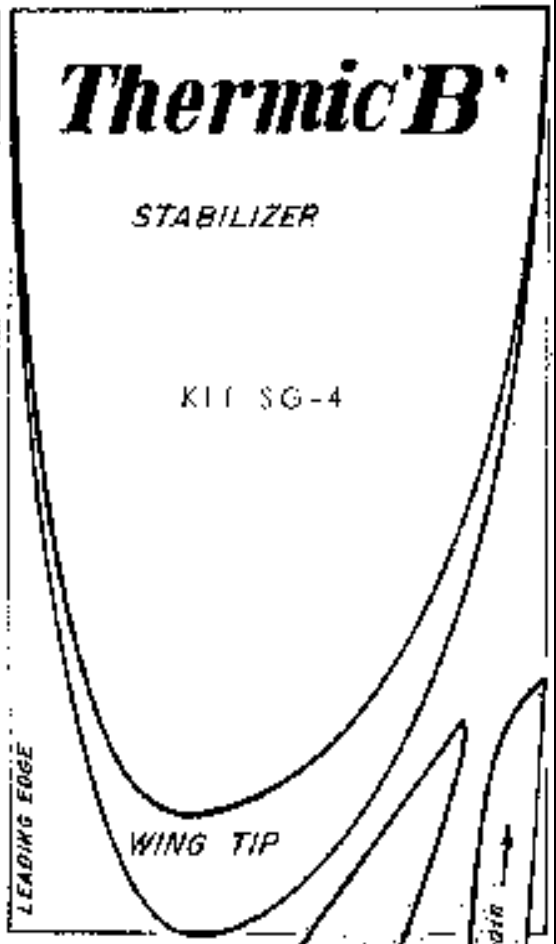


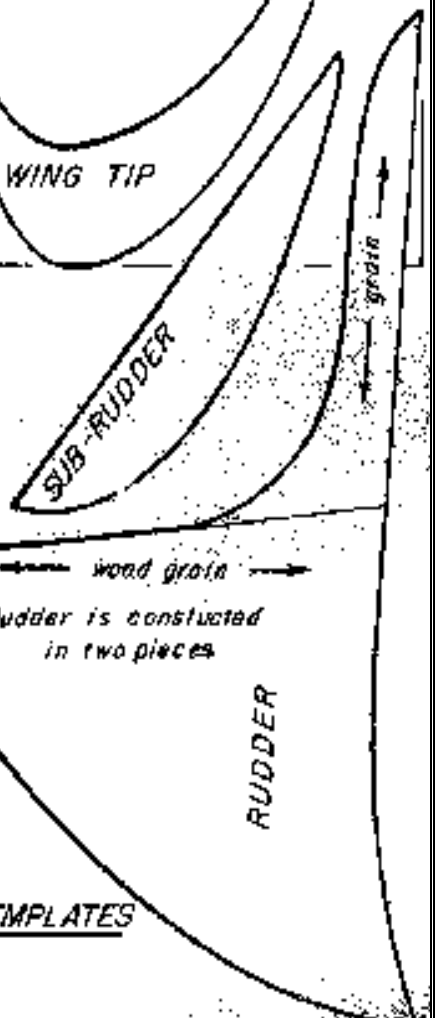
O CENTER SECTION
Y CENTER PANEL
E AND BLOCK UP
LENTY OF
L
TS











FULL SIZE TEMPLATES

Jetco MODELS