President: Jeff Renz

Vice President: Mike Basta

Treasurer: Jack Vetter

Secretary: Roie Black

Newsletter Editor: Dana Field

Website Editor: Jeff Nisley

AMA Charter # 2357
SAM Chapter #14
FAC Squadron 43

Heart of America Free Flight Association

9711 El Monte
Overland Park, KS 66207

Website - *FLYHAFFA.com*

Dispatch

September 2020

Schedule of Flying
Events and Meetings

Date	Day	Location	Time	Notes
OUTDOOR EVENTS				
Sept. 5 – 7	Sat. – Mon.	Denver, CO	All Day	MMM **Rocky Mountain Champs**
Sept 13	Sun	Perry, KS	TBD	**HAFFA Annual Picnic**
Oct. 3 & 4	Sat & Sun	Marion, Kansas	All Day both Days	**HAFFA Annual Fall Contest**
INDOOR EVENTS				
Oct 18	Sun	Osawatomie, KS	8:30 – 3:00	**Indoor Flying**
Nov 1	Sun	Osawatomie, KS	8:30 – 3:00	**Indoor Flying**
Dec 6	Sun	Osawatomie, KS	8:30 – 3:00	**Indoor Flying**
Jan 2	Sat	Osawatomie, KS	8:30 – 3:00	**Indoor Flying**
Feb 6	Sat	Osawatomie, KS	8:30 – 3:00	**Indoor Flying**
Feb 21	Sun	TBD	TBD	**HAFFA Annual Dinner**
Mar 6	Sat	Osawatomie, KS	8:30 – 3:00	**Indoor Flying**
Apr 3	Sat	Osawatomie, KS	8:30 – 3:00	**HAFFA Annual Indoor Contest**

HAFFA Indoor Flying Site Locations:

Ozanam School Auditorium
421 E. 137th St.
Kansas City, MO

Osawatomie City Auditorium
Main Street
Osawatomie, KS

HAFFA Club Meetings:

Not known at this time

For flying information contact Jeff Renz (913-484-0377)

Editorial – Another short newsletter to keep everyone updated on things going on. Since the last newsletter the beginning of August there have been a couple of changes to the calendar. We have a confirmed schedule with the City of Osawatomie for our indoor flying with one change. October flying has been moved back from October 11 to Sunday, October 21. Someone reserved the auditorium in March before the virus got going for the entire weekend for a wedding. So, a one week delay for us. Then, the annual HAFFA dinner was

scheduled for February 14, before we realized that was Valentine's Day, and a HAFFA dinner that night would be a problem. So that is pushed back to Sunday, February 21, 2021. Otherwise, no other changes.

Indoor – As mentioned above, the indoor flying is set to begin October 18 at Osawatomie. Last year HAFFA lost an appreciable amount of money on the indoor flying due to a month with abysmal weather and only two flyers followed by the cancellation of April flying due to Covid 19. Therefore, this year Jeff has decided to charge $15 per flying session. This will drop back to $10 per session if we have enough flyers coming to each session, and down to $0 if and when we have covered the year's rental fee for the auditorium. We don't want to make a profit, just cover the cost.

As in last month's Dispatch, the events for points counting for the indoor championship are indoor CLG and HLG combined, P-18, FAC Dime Scale, and Phantom Flash, same as last year. The only change is allowing wooden props in Phantom Flash, as shown on the original 1939 plans. Believe it is a 6 in, which will be the max allowed.

Outdoor – Well, this year's replacement for the Championship flying is proceeding quite well. We have been lucky on weather, and flying every Tuesday evening has been quite popular. Getting a couple of new members who fly outdoor has certainly helped. We have missed Charlie Taylor and Jeff Nisley, but this past Tuesday Scott Baird showed up with his son. Have not seen him all year up to now. The days are getting shorter in a hurry. So we only have another week or two before it will not be worthwhile. Oh well, I have been enjoying it.

In the last newsletter I discussed the events for next year's Outdoor Championship, and asked for input on the events. Originally we were to have HLG/CLG combined (Javelin launched HLG only, SAM Oldtime only for the Thermic trophy), FAC Jet Cat, FAC Embryo, and AMA Alpha. The AMA Alpha kits were unavailable from AMA, so we were considering going back to ½ Gollywock/ ½ Wake combined. It has now come to our attention that AMA has a new supply of kits available. So, I am asking for input on which event to have. So far only Jeff Renz has said anything, favoring having the Alpha, which is a prefab kit taking only a little while to put into competitive condition versus a stick and tissue build. Let me know what you want soon. If we go the Alpha route, I will call AMA and see what kind of a deal I can get buying ten. Last time the posted price was $9.95 per kit. Now it is a bunch higher, but we can see what sort of a deal can be worked out.



Jeff Renz with a recovered Bob Kochersperger model.



Launching said model

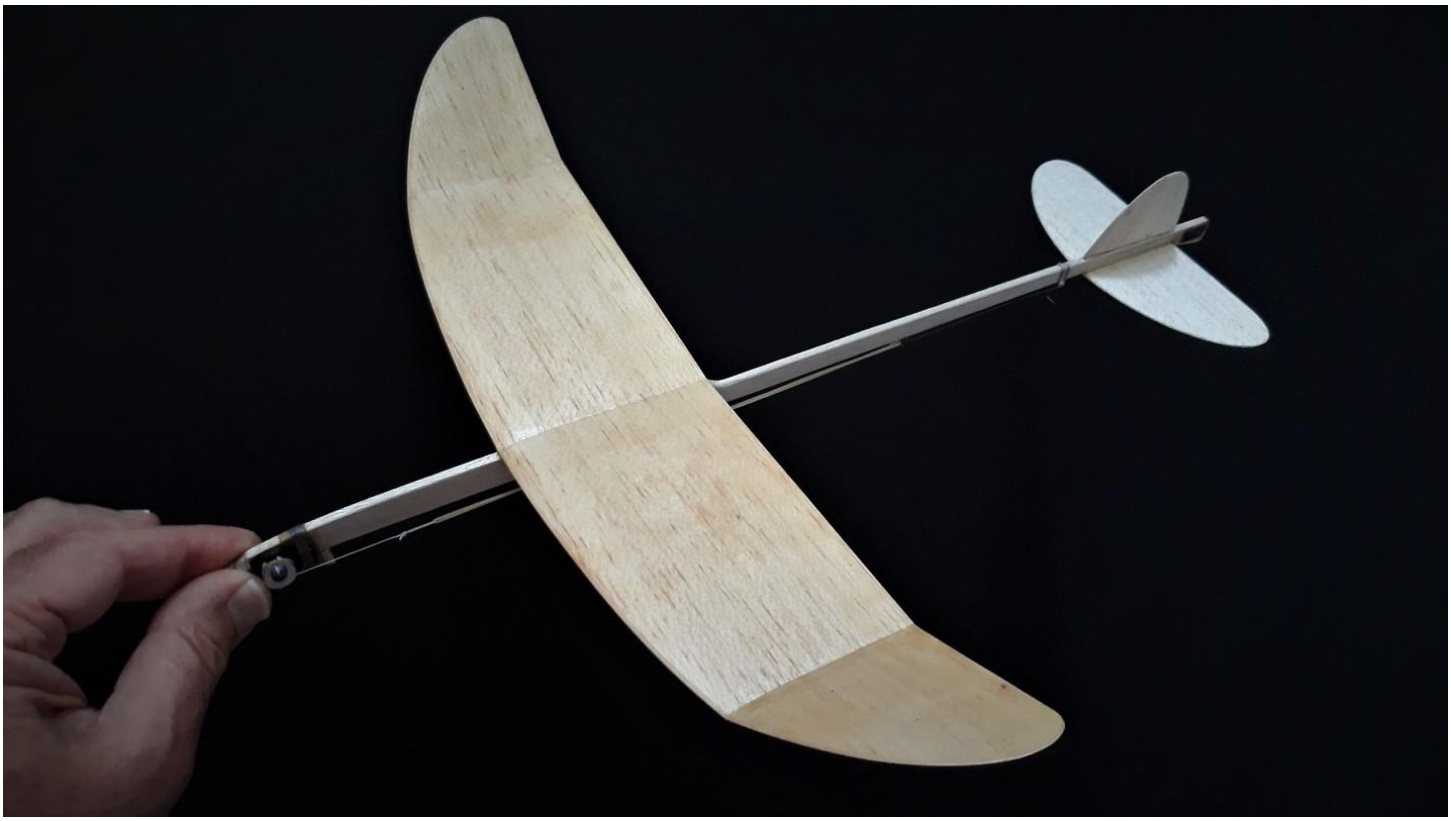


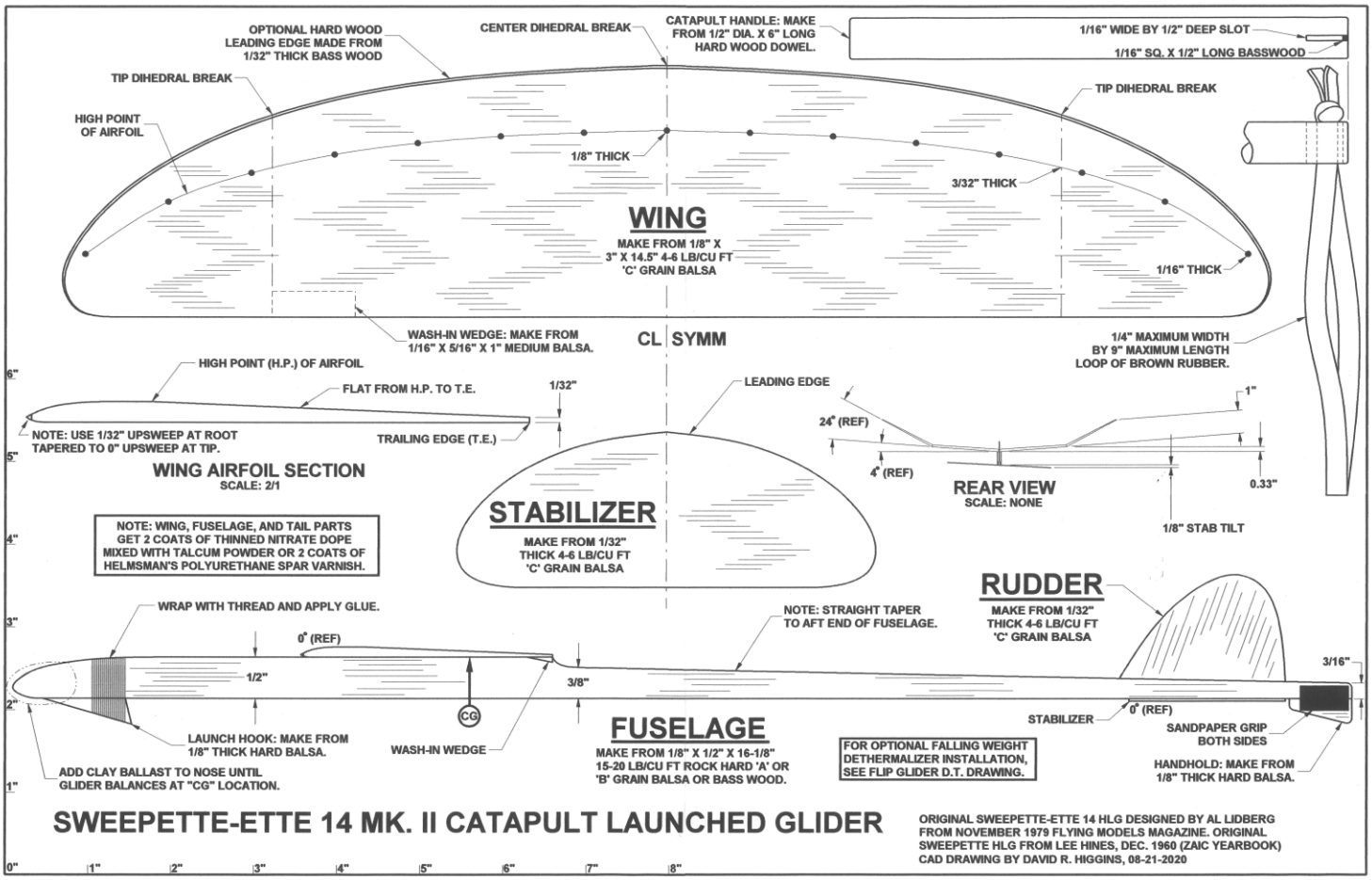
Sometimes it just doesn't workout!!

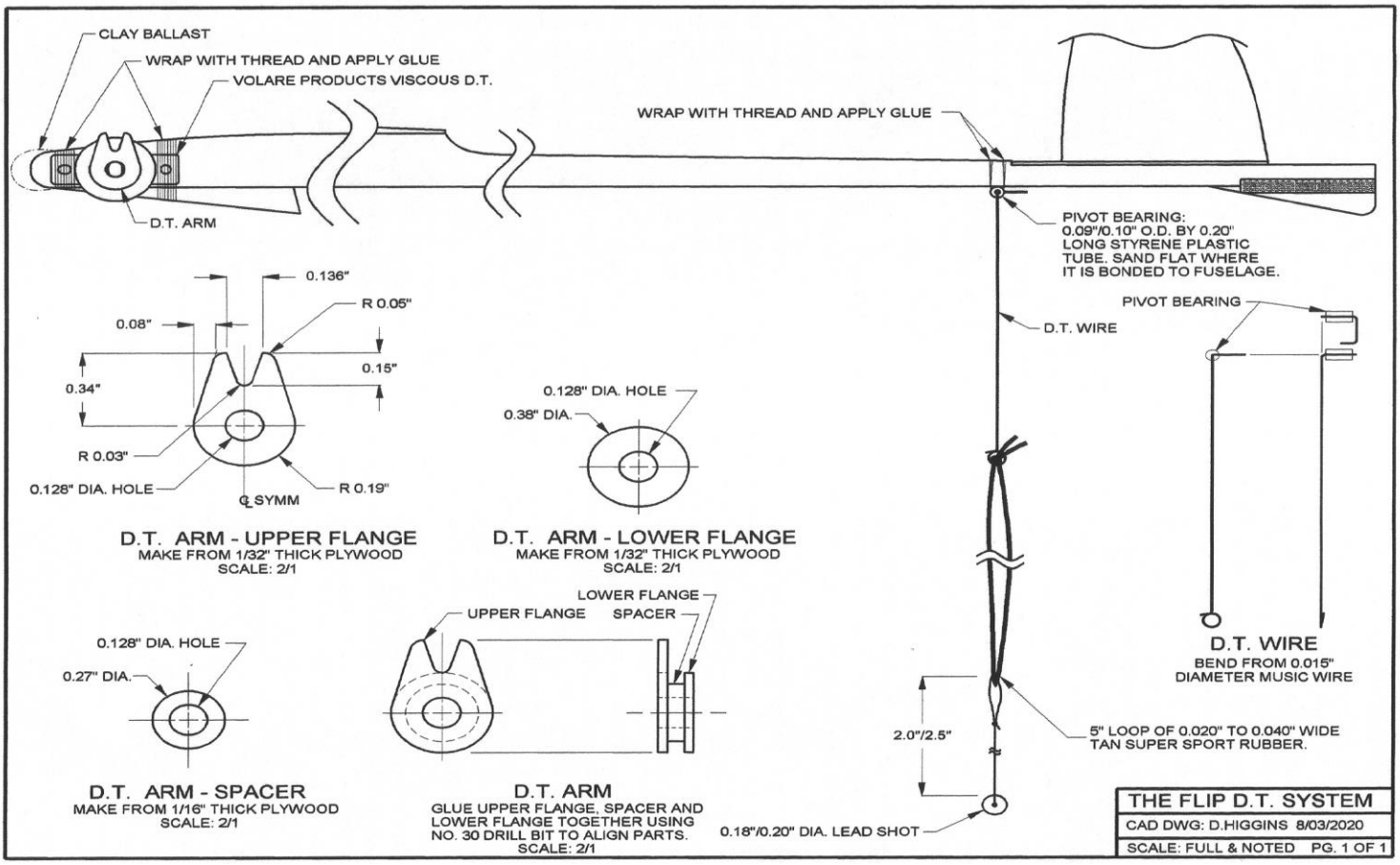



Dana Field and Mike Basta launching AMA Alphas – Both are getting about 1 minute flights. Not bad!

Following is a picture and plans for a “Sweepette-Ette 14”, which should be a very competitive CLG. Included is a page with directions for attaching a “Falling Weight DT”. Gliders generally need appreciable weight added to the nose of the glider for balance. This arrangement uses that weight requirement to make a nifty DT with virtually no weight penalty. I am personally planning to have something like this ready to go for next year’s season. If you want the full size files for these, let me know and I can send them.




OPTIONAL HARD WOOD LEADING EDGE MADE FROM 1/32" THICK BASS WOOD
CENTER DIHEDRAL BREAK
CATAPULT HANDLE: MAKE FROM 1/2" DIA. X 6" LONG HARD WOOD DOWEL.
1/16" WIDE BY 1/2" DEEP SLOT
1/16" SQ. X 1/2" LONG BASSWOOD
TIP DIHEDRAL BREAK
HIGH POINT OF AIRFOIL
1/8" THICK
3/32" THICK
TIP DIHEDRAL BREAK
WING
MAKE FROM 1/8" X 3" X 14.5" 4-6 LB/CU FT 'C' GRAIN BALSA
1/16" THICK
WASH-IN WEDGE: MAKE FROM 1/16" X 5/16" X 1" MEDIUM BALSA.
CL SYMM
1/4" MAXIMUM WIDTH BY 9" MAXIMUM LENGTH LOOP OF BROWN RUBBER.
HIGH POINT (H.P.) OF AIRFOIL
FLAT FROM H.P. TO T.E.
1/32"
NOTE: USE 1/32" UPSWEEP AT ROOT TAPERED TO 0" UPSWEEP AT TIP.
TRAILING EDGE (T.E.)
WING AIRFOIL SECTION
SCALE: 2/1
LEADING EDGE
24" (REF)
4" (REF)
1"
0.33"
REAR VIEW
SCALE: NONE
1/8" STAB TILT
STABILIZER
MAKE FROM 1/32" THICK 4-6 LB/CU FT 'C' GRAIN BALSA
NOTE: WING, FUSELAGE, AND TAIL PARTS GET 2 COATS OF THINNED NITRATE DOPE MIXED WITH TALCUM POWDER OR 2 COATS OF HELMSMAN'S POLYURETHANE SPAR VARNISH.
RUDDER
MAKE FROM 1/32" THICK 4-6 LB/CU FT 'C' GRAIN BALSA
WRAP WITH THREAD AND APPLY GLUE.
0° (REF)
1/2"
3/8"
NOTE: STRAIGHT TAPER TO AFT END OF FUSELAGE.
3/16"
CG
STABILIZER
0° (REF)
SANDPAPER GRIP BOTH SIDES
LAUNCH HOOK: MAKE FROM 1/8" THICK HARD BALSA.
WASH-IN WEDGE
FUSELAGE
MAKE FROM 1/8" X 1/2" X 16-1/8" 15-20 LB/CU FT ROCK HARD 'A' OR 'B' GRAIN BALSA OR BASS WOOD.
FOR OPTIONAL FALLING WEIGHT DETHERMALIZER INSTALLATION, SEE FLIP GLIDER D.T. DRAWING.
HANDHOLD: MAKE FROM 1/8" THICK HARD BALSA.
ADD CLAY BALLAST TO NOSE UNTIL GLIDER BALANCES AT "CG" LOCATION.
SWEEPETTE-ETTE 14 MK. II CATAPULT LAUNCHED GLIDER
ORIGINAL SWEEPETTE-ETTE 14 HLG DESIGNED BY AL LIDBERG FROM NOVEMBER 1979 FLYING MODELS MAGAZINE. ORIGINAL SWEEPETTE HLG FROM LEE HINES, DEC. 1960 (ZAIC YEARBOOK)
CAD DRAWING BY DAVID R. HIGGINS, 08-21-2020
0" 1" 2" 3" 4" 5" 6" 7" 8"


CLAY BALLAST
WRAP WITH THREAD AND APPLY GLUE
VOLARE PRODUCTS VISCOUS D.T.
D.T. ARM
WRAP WITH THREAD AND APPLY GLUE
PIVOT BEARING: 0.09"/0.10" O.D. BY 0.20" LONG STYRENE PLASTIC TUBE. SAND FLAT WHERE IT IS BONDED TO FUSELAGE.
PIVOT BEARING
D.T. WIRE
0.136"
R 0.05"
0.08"
0.15"
0.34"
R 0.03"
0.128" DIA. HOLE
R 0.19"
℄ SYMM
D.T. ARM - UPPER FLANGE
MAKE FROM 1/32" THICK PLYWOOD
SCALE: 2/1
0.128" DIA. HOLE
0.38" DIA.
D.T. ARM - LOWER FLANGE
MAKE FROM 1/32" THICK PLYWOOD
SCALE: 2/1
LOWER FLANGE
UPPER FLANGE
SPACER
0.128" DIA. HOLE
0.27" DIA.
D.T. ARM - SPACER
MAKE FROM 1/16" THICK PLYWOOD
SCALE: 2/1
D.T. ARM
GLUE UPPER FLANGE, SPACER AND LOWER FLANGE TOGETHER USING NO. 30 DRILL BIT TO ALIGN PARTS.
SCALE: 2/1
D.T. WIRE
BEND FROM 0.015" DIAMETER MUSIC WIRE
2.0"/2.5"
5" LOOP OF 0.020" TO 0.040" WIDE TAN SUPER SPORT RUBBER.
0.18"/0.20" DIA. LEAD SHOT
THE FLIP D.T. SYSTEM
CAD DWG: D.HIGGINS 8/03/2020
SCALE: FULL & NOTED PG. 1 OF 1