President: Roie Black
913-492-4830
Vice President: Jeff Nisley
913- 406- 1331
Treasurer: Dennis Baker
913-406-7521
Secretary: Jeff Renz
913-484-0377
Newsletter Editor: Dana Field
913-400-2132
Website Editor: Jeff Nisley
913-406-1331

AMA Charter # 2357
SAM Chapter #14
FAC Squadron 43

Heart of America Free Flight Association

DISPATCH

Website – *KCFreeflight.org*

Schedule of Flying Events and Meetings

June 2025

Date	Day	Location	Time	Notes
INDOOR EVENTS				
Jun 17	**Tues**	**Overland Park, KS**	**6:00 – 8:00**	**HAFFA Monthly Meeting**
Jul 15	**Tues**	**Overland Park, KS**	**6:00 – 8:00**	**HAFFA Monthly Meeting**
Aug 19	**Tues**	**Overland Park, KS**	**6:00 – 8:00**	**HAFFA Monthly Meeting**
Sept 16	**Tues**	**Overland Park, KS**	**6:00 – 8:00**	**HAFFA Monthly Meeting**
Oct 21	**Tues**	**Overland Park, KS**	**6:00 – 8:00**	**HAFFA Monthly Meeting**
Nov 18	**Tues**	**Overland Park, KS**	**6:00 – 8:00**	**HAFFA Monthly Meeting**
Dec 16	**Tues**	**Overland Park, KS**	**6:00 – 8:00**	**HAFFA Monthly Meeting**
Outdoor Events				
Jun 10	**Tues**	**Olathe, KS**	**6:30 pm**	**HAFFA Champs Competition**
Jun 24	**Tues**	**Olathe, KS**	**6:30 pm**	**HAFFA Champs Competition**
Jul 8	**Tues**	**Olathe, KS**	**6:30 pm**	**HAFFA Champs Competition**
Jul 22	**Tues**	**Olathe, KS**	**6:30 pm**	**HAFFA Champs Competition**
Aug 12	**Tues**	**Olathe KS**	**6:30 pm**	**HAFFA Champs Competition**
Sept 5 – 7	**Fri – Mon**	**Denver, CO**	**All day both days**	**MMM Annual Championship Contest**
Oct 4 & 5	**Fri & Sat**	**Marion, KS**	**All day both days**	**HAFFA Annual Outdoor Contest**

HAFFA Flying Sites **Indoor**

Osawatomie City Audi.
437 Main St.
Osawatomie, KS 66047

Wallula Christ. Church
23785 S. 139th
Lansing, KS 66048

Outdoor

Carmel Farm
2831 Oak St.
Perry, KS 66673

Frontier Trail Middle School
143rd St at S. Black Bob Rd.
Olathe, KS

Editorial – Continued disasters for HAFFA indoor flying, Osawatomie called Jeff Renz two days before our scheduled annual indoor contest to tell us that their roof had failed and water had leaked in over the floor and apparently ruined it. Not possible for repairs in the short term, and the city called Jeff yesterday [June 4} that the rains earlier this week had again leaked into the gym. This cancelled our contest for the year after we determined the church gym, where we had been having our monthly flying, was not a suitable contest substitute, and outdoor season had begun. So, no 2025 indoor contest. We will need to seriously scope out a new affordable site for the future.

Outdoor flying is a better thing to talk about, which I will discuss below, and the Commemorative Airforce First Saturday Open Hanger Days started in May. We have had a table at both the May and June days. Our table was mobbed both days, and over 70 foam plate gliders were constructed in May. I assume something like that for June as well. Liz Besser has driven down from Gladstone to help Mike Basta, Jeff Nisley, and Jeff Renz with the kids both days. Additionally, Mike Basta has been in contact with the Ozanam School for boys in KCMO. The this for boys, and previously for girls as well, who come from troubled or broken homes, or have legal problems. Until Covid, and for 25 years we had a biweekly building session for generally 4 students at a time, who were in good standing academically and behaviorally, and flew the models with them in the gym or outdoor ball fields. It was stopped for Covid, and took until now to arrange a restart. This happened on June 4th, with Mike, Jeff Renz, and myself, assisting 4 boys in building "Canarsie Canaries", which we will fly at the next session, weather permitting. For providing this to the school, in the past we got 1 Sunday morning a month to fly in their gym. It has a low ceiling with the usual beams across, and is suitable for trimming and testing, but noy competition. Ideally, we have one mentor for each boy. If you are interested, call Mike.

Indoor – Enough about the 2024 – 2025 indoor fiasco in the editorial. However, Jeff Renz has settled on five models for five events for next fall's competition for the 25 – 26 indoor season as follows, to give you a bunch of months to build what you need. Hopefully we find a good place to fly them,

1) AMA P-18
2) FAC NoCal
3) AMA A-6
4) AMA Indoor HLG/CLG combined
5) Emil Schutzel's "Bug"

   The plan was emailed out to most of us about a week ago, a 3 page cut & tape. Contact one of us if you need it emailed to you. Rules are almost "anything goes" as long you follow the basic plan for size. You can shave the wood, and cover with anything you want. One limit is a 6 inch prop of any kind, shaved down or whatever.

Outdoor – Lots to talk about here. April practice sessions for the HAFFA Championship were blown out both Tuesday and Thursday for the first week of the schedule, and we finally got a session in for the second week. Not too many people showed up, and it was mostly gliders being flown as it was still windy. For the first session in May only Mike Schmidt and myself, along with Roie and Cheryl Black who timed, showed up to start with, and Mike Basta came sometime after 7 o'clock. It was windy, with marginal conditions at first, but conditions improved as time went on, and the wind died out and disappeared by the time we quit. My "Stinger Mark II" actually caught a thermal, flew completely across the field and road, and caught the top of a tall pine tree, maybe 40 feet up in 46 seconds, where it stuck far beyond where we could retrieve it. Two days later I got a phone call from the people who lived in the house with a picture of my glider asking if it belonged to me. Went over and picked up the glider in perfect condition! I guess it does pay to put your name, address, and cell phone number on your models, but this was the first time I ever got one back. The second session had a bigger turnout, and the monthly scores and standings are attached. Between the Champ sessions, John Pakiz came down from Omaha, and impromptu flying session were arranged on a both Saturday and Sunday, and the turnout for the Saturday session was large. Cheryl Black took a group photo, while Jeff Renz took a heap.



L to R : John Pakiz, Suman Saripali, Dana Field, Jeff Renz, Jeff Nisley, Roie Black, Mike Schmidt, Mike Basta, & Paul Morganroth



Jeff Renz with his R&N “Ugly P-30” done up as WW I German Fighter



John Pakiz with a “Cruonesader” built from plans from a 1942 MAN This is a beautiful model that really flew well!! He probably has plans!

Plans – There are two plans in the Dispatch this month, the “Lawn Dartie” and the “Stinger”. The “Stinger”, a Tony Matthews design, has been in the Dispatch some years ago, but the “Lawn Dartie”, a Bill Hannah design from 2009, is new. We have been talking about how small, 8 in. wingspan CLG gliders do really well at our Olathe club contest site, and both of these fit the bill, I think this is because we have a 6:30 start, when there is little, if any, thermal activity, but hopefully still some warm air, and these launch really high. Also, a really quick 1 or 2 night build. I got my first “Stinger” kit, laser cut from A to Z in 2010, and I routinely got 50 to over 60 second flights. Same with the second one, and came in second to Mark Covington after 2, two minute maxes. The second max was a fly away, and my backup could only get around 45 seconds. The only problem with the Stinger is getting the fuselage right to get an essentially zero incidence. Easy to do with the A to Z laser cut kit, trickier when tracing and cutting it out yourself. The notch at the front of the wing is where you screw it up, probably better to simply eliminate it and cut the fuselage stick with the exact thickness for the wing and horizontal stab. Think the “Dartie” will be a really easy quick build that will fly well.

HAFFA 2025 Outdoor Club Contest Results

Thermic HL/CLG Best Time*	May	June	July	August	September	Glider Name	Pts Mth – Tot Pts
Mike Schmidt	27					Thermic B	3 – 3
Jeff Renz	9					"	2 – 2
Dana Field	8					"	1 – 1
						"	

AMA HLG/CLG*	May	June	July	August	September	Pt Mth - Tot Pt
Dana Field	64					3 – 3
Mike Schmidt	26					2 – 2
Jeff Renz	22					1 – 1

FAC Jet CLG	May	June	July	August	September	Pt Mth - Tot Pt
Dana Field	14					4 – 4
Mike Schmidt	18					5 – 5
Jeff Nisley	7					1 – 1
Jeff Renz	11					3 – 3
Mike Basta	8					2 – 2

FAC 1/2 Gollywock	May	June	July	August	September	Pt Mth - TotPt
Mike Schmidt	47					4 – 4
Jeff Nisley	30					1 – 1
Jeff Renz	40					2 – 2
Mike Basta	41					3 – 3

FAC Embryo	May	June	July	August	September	Pt Mth – TotPt
Dana Field	41					4 – 4
Mike Schmidt	43					5 – 5
Jeff Nisley	24					2 – 2
Jeff Renz	40					3 – 3
Mike Basta	9					1 - 1

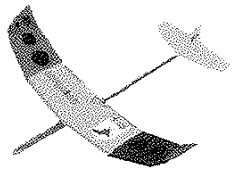
Standings	May Pts	June Pts	July Pts	Aug Pts	Sept Pts	Tot Pts	Standings
Mike Schmidt	16						1st
Dana Field	11						2nd
Jeff Nisley	4						5th
Jeff Renz	9						3rd
Mike Basta	6						4th

*Thermic HLG/CLG time may be used for AMA HLG/CLG as well as Thermic Event.
AMA glider times are eligible for AMA Glider event only.

THE STINGER 2

BY **STING AERO PRODUCTS**

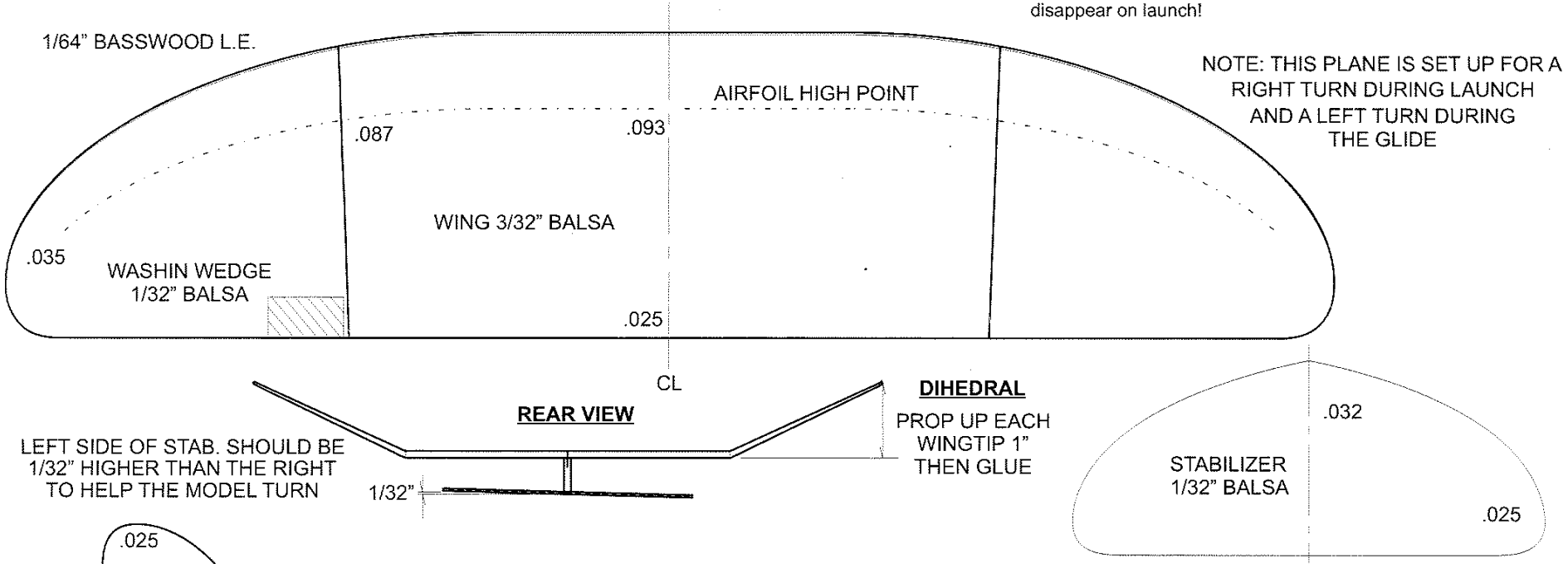
DESIGNED AND DRAWN BY TOM NORELL
MODIFIED AND TWEAKED BY TONY MATHEWS



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TONY'S SETUP NOTES

I use 1.5 degrees of fin offset (5mm of offset right of wing LE centerline to the stab TE centerline). I use a 7mm x 13 mm x 0.8mm thick washin wedge located just outside of the left wing d-break. Cg is at 29.5 mm from LE. Let's see what else, .075" to 0.078" dihedral skew each tip. Airfoil has a 25% highpoint (as normal) with a minimum amount of upsweep (0.005" to 0.008" or so) and a sharpish LE. TE is about 0.025" thick all over and the outer tip is 0.030" thick. That should do it I think. The last one I made using those adjustments required no trim adjustments and can do over 70 seconds in dead air, pretty amazing for such a little glider I think! Spray the wing with fluorescent paint or it will disappear on launch!



NOTE: THIS PLANE IS SET UP FOR A RIGHT TURN DURING LAUNCH AND A LEFT TURN DURING THE GLIDE

FINISHING

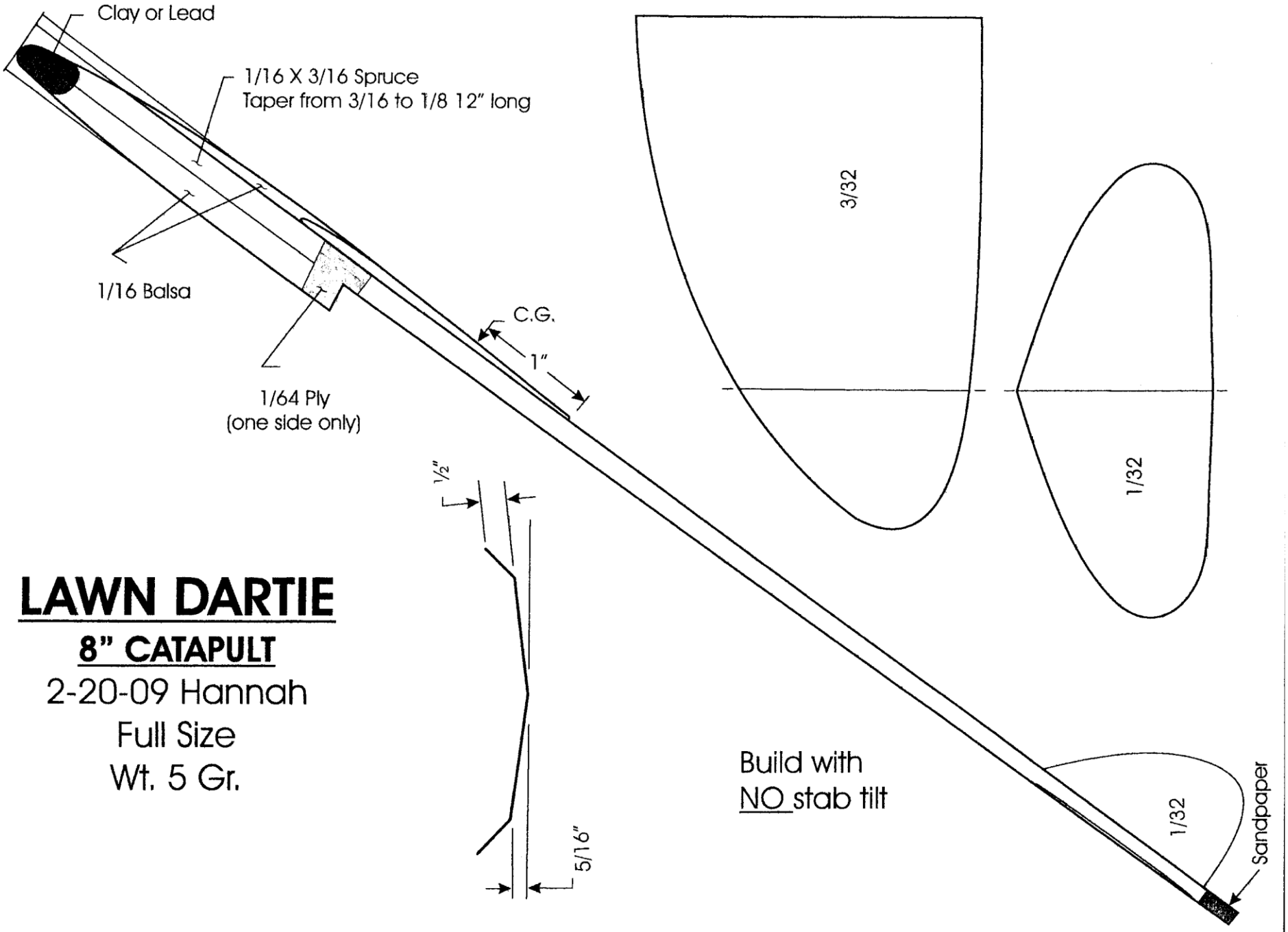
FINISH THE PLANE WITH A COAT OF MINWAX BRAND HELMSMAN SPAR URETHANE (GREEN CAN) THEN ADD SOME FLUORESCENT PAINT.

CENTER OF GRAVITY (CG)

COMPLETED PLANE SHOULD BALANCE AT THIS POINT WHEN PLACED ON CG STAND (ABOUT 29MM OR 1.15" BEHIND L.E.) ADD CLAY TO NOSE OF PLANE TO ADJUST BALANCE POINT.

11/2008

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