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Heart of America Free Flight Association

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DISPATCH JULY 2015

****

Schedule of Flying Events

Date	Day	Location	Time	Notes
OUTDOOR Events				
July 21st	3rd Tues	Frontier Trail JrHi, 143rd at Black Bob, Olathe	~6:30 until dark	Flying for Championship Points (HLG, CLG, ½Waker, ½Gollywock)
August 18th	"			
* September 8th	2nd Tues			Championship FINALS
*** October 3rd & 4th**	**Sat-Sun**	Marion Municipal Airport **Marion, KS**	**All day**	**HAFFA Annual Outdoor Contest**
SPECIAL Events (ALL members are encouraged to participate)				
* May 9, 2015	2nd Sat	New Century Air Center for **2nd Saturday Open Hangar Days** One New Century Parkway New Century, KS 66031	10am - 3 pm	**HAFFA display and member interaction with public (and potential new members)** Flying demos of indoor and outdoor models
* June 13, 2015				
* July 11, 2015				
* August 8, 2015				
* September 12, 2015				
JULY 19TH	**SUN**	**CARMEL FARM**	**1 PM TO????**	**HAFFA 1ST PICNIC**

***** indicates official HAFFA event/activity

HAFFA Outdoor Site Locations:

Osawatomie City Auditorium
425 Main St.
Osawatomie, KS

Frontier Trail JR. High
143rd at Black Bob
Olathe, Kansas

For Outdoor flying information contact Mike Basta (913-492-4830)
For Indoor flying information contact Jeff Renz (913-341-2781)

1. Osawatomie reserves the right to cancel our reservation if they get a paying customer.
2. Outdoor flying is subject to weather conditions.

I WANT TO WELCOME DANA FIELD BACK FROM HIS HONEYMOON!!!! I HOPE YOU HAD A GREAT ONE!!!

(Got married on June 13th and had a nice long honeymoon)

HAPPY ANNIVERSARY TO MIKE AND DIANNE BASTA!!!!

(MONDAY, JULY 13TH)

We are having the HAFFA picnic Sunday July 19th at Carmel Farm near Perry Lake (north of Lawrence).
Thanks to Suman Saripali we have a place to fly and have a picnic!

Please contact Mike Basta if you are going to go at " basta.both@gmail.com " or call him at cell number 913-219-6470 or home # 913 492 4830.

Mike will go to Sam's club and pick up the hotdogs, hamburgers, and "brauts" and pick up the buns at Hy-Vee. He will pay for it with the club funds.

HAFFA members are to bring a side dish salad or dessert. Mike needs to know who is bringing which side dish salad or dessert as well as how many hotdogs, hamburgers, and "brauts" to purchase from SAMs club.

Time frame for the afternoon event on Sunday July 19th: Start showing up after 1pm. We would eat around 4 or 430pm.

I have a map how to get to the field. It's a 50 to 55 minute drive from my house in overland park just north of Lawrence Kansas near Perry Lake. I will send the map in a separate email. Please contact Mike as to whether you can make it or not.

The Carmel Farm site has a great big covered picnic shelter with real restrooms and running water and electrical power. We can of course fly as well. Please bring a plane or glider to fly.

Thanks



Jack Vetter is a great fellow. A while back Suman Saripalli dropped off the entire stash of Carl Perkins indoor style NO CAL airplanes. Carl (former HAFFA member) had passed away a while back and these plane had been left over. Carl was an excellent builder and competitive flyer. There were at least 14 of the NOCALS in various conditions. Some NOCALS could fly and others needed repairs. I called Jack about it to let him know this had occurred. He managed to contact one of Carl Perkins adult grand kids (Casey Perkins) in Montana. And it turns Casey works for a wilderness organization that organizes trail hikes of which Jack had participated in a couple years

ago. Anyway Casey was thrilled and interested in getting a couple models to remember their grandpa. I patched up the tail on one and had to repair the stab on the other and took them over to Jack to send to Montana. Thanks Jack! You are awesome.





CATAPULT GLIDER LAUNCH PRIMER

by Stan Buddenbohm

An article published in the November 2011 issue of Tailspin, The New England Flying Aces News, Mike Nassise, editor

This article was written by Stan with non-scale catapult gliders in mind. However, the information it contains is applicable to jet catapult gliders as well. Stan is a past master when it comes to this aspect of our hobby, so read on to further enhance your aeronautical knowledge - Editor.

Catapult Launching: The optimum launch angle for most catapults is 50 to 70 degrees with a 15 to 30 degree bank. With the thumb and forefinger pointed up, grasp the rear fuselage of the model below the stab. Hold the launcher in front of you, above your head, at the appropriate angle, and pull back hard ! When the rubber is at maximum stretch, release the model and observe what happens.

Incidence: Using the bottom of the wing as the zero reference line, the higher the model's horizontal stabilizer trailing edge (TE) is, compared to its leading edge (LE), the more loopy the model will be at high speed. Loopiness robs altitude, but you need some incidence for a good, stable glide. Don't be fooled; just because hand launched glide tests look good, doesn't mean you have the right amount of incidence. The correct amount depends on the launch. As you progress, you'll want to get all of the altitude you can so you will need to fine tune the adjustments.

At the top of the launch, the glider should almost stop before turning and plopping into the glide. At this point, it should be just past vertical, at about 100 degrees. The amount of stab incidence depends on the launch speed. If the model zooms past 100 degrees, looping, then decrease the incidence (stab TE down). If the glider never gets to the 100 degree angle before stopping, increase the incidence (stab TE up). Take it slow and use very small adjustments — like bending an area no wider than your finger next to the fuselage, 1/64" at a time.

Turn: Use rudder adjustments to counter excessive banking at the launch. You shouldn't need to bend the rudder TE more than 1/32". Always bend the rudder near the fuselage. If the top of the rudder is bent, it can exaggerate spiraling problems at high speed, even if the glide looks okay. Too much rudder turn will do the same thing. Once you have the right rudder setting for launch, adjust the glide circle with tip weight. Simply add weight (very small dabs of clay work well) to the left wing tip to make a smaller circle, or add weight to the right tip to open up the circle. A 50 to 70 foot circle is very good. Remember, make one small change at a time!

I hope these suggestions and tips will get you started. I'm sure you'll be successful, and that you'll have a bunch of fun with your gliders.