President: Mike Basta
913-492-4830
Vice President: Jeff Renz
913-341-2781
Treasurer: Jack Vetter
913-236-5224
Dues: $20
Secretary Dana Field
913-400-2132

AMA Charter # 2357
SAM Chapter #14

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# Heart of America Free Flight Association

9135 Hall Dr.
Lenexa, KS 66219

Website: http:/haffa.wikispaces.com/

# DISPATCH JANUARY 2015

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## Schedule of Flying Events

| Date | Day | Location | Time | Notes |
|---|---|---|---|---|
| Jan 1st | Thurs | | All day | Happy New Year's |
| Jan 4th* | Sun | Osawatomie | 9am – 3pm | Flying |
| Jan 18th* | Sun | Ozanam | 8am – 12:30pm | Flying |
| **Jan 20th*** | **Tues** | **Cedar Roe** | **7pm** | **MEETING** |

***** indicates official HAFFA event/activity

*HAFFA Indoor Site Locations:*

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

Osawatomie City Auditorium
425 Main St.
Osawatomie, KS

Cedar Roe
5120 Cedar St
Roeland Park, KS

For Outdoor flying information contact Mike Basta (913-492-4830)
For Indoor flying information contact Emil Schutzel (913-341-7788)

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

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

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HAPPY NEWS YEARS EVERYONE!!!!!!! I hope everyone had a safe new year. I wanted to thank you all for the wonderful time we had in 2014 but let's make 2015 bigger and better!!! As you can see, we had elections. Mike Basta and Jeff Renz is still our president and vice president. I want to thank Charlie Taylor for being our secretary, and passing the torch to Dana Field. Thank you, Charlie, for the wonderful year. Another thanks goes to Dana for being a great Treasurer and passing the torch to Jack Vetter. Dana, thank you, for the great year, and looking forward to the year with you as secretary. And last but not lease, thank you Jack for becoming the new treasure in the New Year. A big thanks go to Mike Basta and Jeff Renz for

being a great president and vice president in 2014 but let's see you if can top that in 2015.

In December's meeting we all voted on having our February's dinner at Tavern in Leawood, Kansas. Dinner is Sunday, February 8th at 6pm. Tavern address is 10681 Mission Rd.

Also at dinner we will vote for our FAC Chapter name. The suggestions that we have now are:

Kan of Worms Squadron - by Lynn Chaffe
Thermal Ears - by Jack Vetter
Kansas Pro Twist - by Jack Vetter
Heart of America Squadron - by Mike Basta
Flying Eagles - by Marissa Clampitt

If you have any other suggestions, please present them at January's meeting.

# HAFFA 2015 Flying Schedules

1/12/15

## Indoor Flying Schedule – winter 2015

| | |
|---|---|
| January 18th, 2015 | Ozanam |
| Feb. 8th, 2015 | Osawatomie |
| Feb 22th, 2015 | Ozanam |
| March 1st, 2015 | Osawatomie |
| March 15th, 2015 | Ozanam |
| April 5th, 2015 | Osawatomie |
| **April 19th, 2015** | **Ozanam** |
| May 3rd, 2015 | Osawatomie: (Championship meet). 9 am to 3 pm |

Ozanam flying 8am to 12:30pm Osawatomie flying 9am to 3pm

For info: Contact Emil Schutzel – 913-341-7788

Or Jeff Renz - 913-341-2781

## Outdoor Flying Schedule – summer 2015

| | |
|---|---|
| April 14th, 2015 | Practice for Championship |
| May 19th, 2015 | Championship Flying for Points |

| | |
|---|---|
| June 16th, 2015 | Championship Flying for Points |
| July 21st, 2015 | Championship Flying for Points |
| August 18th, 2015 | Championship Flying for Points |
| September 8th, 2015 (2nd Tuesday) | Championship Finals!!! |

Flying is from ~6:30 until dark – at Frontier Trail JH, 143rd at Black Bob, Olathe

Dates are 3rd Tuesday of month except September, which is 2nd Tuesday

For info: Contact Mike Basta – 913-219-6470

Or Dana Field – 913-400-2132

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## Reprinted from the March, 2012 Phoenix Model Airplane Club Newsletter

### AMBROID WISDOM
by George White

Paul Grabski, our local Ambroid Acolyte, was quick to come to the defense of good old Ambroid after reading the article concerning it in the previous issue of this rag. He says, in the first place, that Ambroid was introduced in the 1920's and has always been the same color. Interestingly, Lee Campbell also read the article and sent me a website address describing the origins of the stuff (it's really not a glue, but a cement). For an interesting read on the subject take a look at http://www.ottertooth.com /Canoe pages/ambroid.htm. It seems it started as a cement used to repair birch bark and canvas canoes, and in fact is still sold for that purpose. Camphor is used as a plasticizer for the cellulose from which it is made, and it has always been amber in color. As incorrectly stated in the previous article on Duco/Ambroid, Ambroid is not amber in color because of the addition of oil of mustard, which was added to some cements in the 70's allegedly to discourage "sniffing." The name is actually a joining of the words Amber and Celluloid, which was one of, if not the first, cellulose based plastic.

The article piqued Paul's curiosity as to which glue weighed the least, once dried. He applied 0.500gm each of Ambroid, Duco and Titebond Original glues to a surface, using his electronic scale which measures in hundredths of a gram. He made three samples of each, just to level out any variances which might occur. After letting each sample dry for 24 hours and weighed them, and then weighed them again after a month, here are the results:

After 24 Hours Drying

| | Sample 1 | Sample 2 | Sample 3 | Total | Average |
|---|---|---|---|---|---|
| Ambroid | .120gm | .125gm | .123gm | .368gm | . 123gm |
| Duco | .152gm | .157gm | .153gm | .462gm | . 154gm |
| Titebond | .257gm | .251gm | .249gm | 757g m | . 252gm |

After Drying One Month

| | Average of 3 Sample s | % Reduction |
|---|---|---|
| Ambroid | .112gm | 8.9% |
| Duco | .143gm | 7.1% |
| Titebond | .245gm | 2.7% |

Thus, Ambroid seems to be 20% lighter than Duco and 51% lighter than Titebond Original. In practical use these weight s presume the same amount of cement/glue is applied to the bonded joint and Paul's experiment doesn't cover bonding strength. In the case of those who dilute Duco with acetone, these weights would almost surely be different. However, not being a chemist, I have no idea what diluting a carefully formulated cement with acetone does to the makeup of the cement or its bonding strength, although it would certainly seem that it would alter it. I would never use diluted Duco, as discussed in the previous article, without double gluing the joint. Perhaps the only advantage to be gained in using diluted, double glued Duco is a bit quicker drying. The above conclusions also don't take into account that the very careful application of any glue/cement to a joint rather than slathering it on, may be as important to the weight of a glue joint as the specific weight of the glue itself.

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FOR THE WIFIES:

Chocolate Peanut Butter Cookies

Ingredients:

2 ¼ cups all-purpose flour
2/3 cup NESTLE TOLL HOUSE Baking Cocoa
1 teaspoon baking soda
¼ teaspoon salt
1 cup (2 sticks) butter or margarine
¾ cup granulated sugar
2/3 cup packed brown sugar
1 teaspoon vanilla extract
2 large eggs
1 2/3 cups (11 oz. pkg) NESTLE TOLL HOUSE Peanut Butter & Milk Chocolate Morsels

Instructions:

PREHEAT oven to 350F.

COMBINE flour, cocoa, baking soda and salt in a small bowl. Beat butter, granulated sugar, brown sugar and vanilla extract in a large mixing bowl until creamy. Add eggs one at a time, beating well after each addition. Gradually beat in flour mixture. Stir in morsels. Drop by well- rounded teaspoon onto ungreased baking sheets.

BAKE for 8 to 10 minutes or until centers are set. Cool on baking sheets for 2 minutes; remove to wire racks to cool completely.