President: Mike Basta
913-492-4830
Vice President: Jeff Renz
913-341-2781
Treasurer: Dana Field
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Dues: $20
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AMA Charter # 2357
SAM Chapter #14

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Heart of America Free Flight Association

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Lenexa, KS 66219
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DISPATCH OCTOBER 2014

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Schedule of Flying Events

Date	Day	Location	Time	Notes
Oct 5th*	Sun	Osawatomie	9am to 3pm	Osawatomie City Auditorium
Oct 14th*	**Tues**	**Prairie Vlilage**	**7pm to 9pm**	**MEETING**
Oct 18th*	Sun	Ozanam	8am to 12:30pm	Indoor flying

* 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

Corinth Library
8100 Mission Rd
Prairie Village, 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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Letter from Editor:

Hi everyone. My name is Bonnie Clampitt and I am the new editor of HAFFA Dispatch. And wife to Scott Clampitt, one of your newest members. I want to give a big thanks to Gary for doing the newsletter as long as he has. I do hope I can fill your shoes! If there is anything you want to see in the dispatch, please feel free to email me at bjpitachick29@gmail.com.

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October Meeting

We need to see as many members at October Meeting!!! (Tuesday, Oct 14th, 7pm @ 8100 Mission Rd, Prairie Village, KS) We need to discuss the elections to appoint election committee, and the HAFFA dinner for February.

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HAFFA Marion Free Flight Contest Report

The HAFFA 2014 capstone event for the year can go down as having the some of the best weather for an outdoor contest in several years. Although frost had to be scraped off windshields heading into Marion early Saturday morning it did warm up providing the opportunity for great flying.

Modelers from several Midwest states made the trip to Marion Ks airport. Don Deloach representing the Magnificent Mountain Men of Colorado won the Merriam Cup once again with an amazing 57 points. Second place was tied up between two other modelers for approximately half of the points.

Plenty of thermal activity provided several modelers "maxes" for their model flights of 2 and 3 minutes. Our club treasurer Dana Field managed to win the P30 event with his fiancé Doris at his side. This was a great achievement considering he was flying against the best flyers in the Midwest. He had 3 max flights! (Way to go Dana!)

Other HAFFA members Club president Mike Basta, Lynn Chaffee, Suman Saripalli, and club VP Jeff Renz made the contest as well. All members put up many flights. Jeff Renz won the club award for destroying the most model airplanes during one day (3) but managed to launch his ill trimmed Obarski hand launch glider into a thermal and sacrificed it to the thermal god "Hung" on Sunday for third place in OTHLG. Lynn brought his Chevy Van packed with models and his chase bike. (Lynn thanks again for the use of the chase bike!),

It was great to see juniors flying competitively. Chuck and Linda Powell's grandson Bradin Powell from the Eldorado area flew catapult glider with great success. Gene and Lynne Smith's granddaughter Mia Lynne from the Tulsa area flew both the Bostonian and P 30 event with her bright gold tissue covered 'Bob Cat' model.

This year weather conditions permitted Chuck Powell to make a parachute jump above our flying field prior to the morning model contest flying. This was great and really amazing because you get to see out the new high tech parachutes allow for excellent directional control. Chuck was able to land at the speed of a fast walk right in front of the flight line. Chuck took off his helmet and turned to Don Deloach and asked "Did I get a Max?"

One of the best parts of the Marion contest is seeing Bill and Marilyn Schmidt drive up to the flight line. You never know what fantastic model airplane or engine will materialize out of the trunk of their car. This year Bill Schmidt did not disappoint anyone with his Comet models Stratus. Built to the usual impeccable Bill Schmidt standards this model really belongs in the Smithsonian. Bill explained that this was one of the first stick and tissue model kits he had ever attempted at age 7. I could not believe how difficult this model would have been at that grade school age. Bill also shared many great building tips and covering techniques he has developed over the years.

We would like to thank Dianne Basta for providing her time designing and printing the high quality award certificates. They were so professional! All the winners really appreciated the design and high quality.

Our club would like to thank our club president Mike Basta for running the contest again this year knowing that many hours of preparation and coordination are required. Mike, Dianne, Dana and Doris even had to drive down to Marion a month ago to personally meet with the Marion city officials to set this years contest up. All the flyers and our club members really appreciate their efforts.

We would also like to thank Wichita FAC and SAM modeler Jeff Englert for running the FAC events and the SAM events for HAFFA. We really appreciate his time and expertise for coordinating this colorful most fun aspect of the contest. WWI, Greeve and Twin Pusher mass launches are an absolute blast to watch and participate in. "Thanks Jeff!" We appreciate the years of participation and support by the Wichita Historical Aircraft Modelers (WHAM) making the trip up to the Marion Contest.

Finally we would like to thank the city of Marion and Mayor Todd Heitschmidt for coming out to the Marion airport Sunday afternoon to present the Marion Cup. The presentation always provides an additional level of authenticity to the HAFFA club's meet and provides for good interaction between civic leaders and model flyers.

Once again we were blessed with wonderful meals provided by local Marion Chef Gretchen Unruh. Her pulled pork, lasagna, fresh baked homemade bread and sweet rolls are to die for and provide a really special part of the overall experience flying at Marion.

The Saturday night meal provided by "Cindy's Place" was enjoyed by all flyers. The steaks and ribs were wonderful. The club would like to thank Cindy for hosting the special banquet. No one went away hungry! What a deal. I saw many Styrofoam to-go boxes under the arms of flyers with full bellies leaving Cindy's restaurant that evening.

Accommodations were great this year. We all stayed at the Country Dreams Bed and Breakfast east of Marion. This place provides very peaceful, super clean rooms and furnishings along with gorgeous sunsets visible off the extended deck overlooking a small lake. This place was 3 miles north of the highway and provided a very quiet and relaxing atmosphere out on the prairie. I would highly recommend this place and plan to bring my wife out there on a non-flying weekend in the future. Alice (the proprietor) took great care of us. We had two fantastic breakfasts each day prior to heading in to the airport.



Chuck and Linda Powell with Grandson Bradin Powell



Dana Field with Blue Ridge Models P30



Gene and Lynne Smith with Granddaughter Mia Lynn



Don Deloach (Marion Cup), Mayor Todd Heitschmidt (Mayor of Marion), and Mike Basta (President)

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September Meeting Minutes

Members present: Scott C., Bonnie C., Lynn C., Mike B., Wally F., Jeff R.

Meeting was called to order at 7:33 pm

Previous meeting minutes were read and accepted at 7:38 pm

Old Business

We discussed Jack Koehler's remaining items at Dana's house options for distribution and additional funds:

*Use as prizes and or sell it in the up and coming Marion Contest as prizes.
*Dana's ....call the man (estate sale fellow)....he makes offer....takes all away
*still sell items to club members.

SAM charter was discussed and confirmed we are SAM chapter #14 and our history with the club "Winged Motors" and TOPMAC.
(When I asked “For the new comers, what is SAM?” Mike answer that question for me, and then he said “It is also a debate if it is for antique planes or the antique members.” We are now SAM #14.)

"Being a HAFFA member does not require being a paid member for SAM"
Meyers Turf farm flying location topic was discussed. It might be possible to fly there. (This discussion is not in print) I will be glad to re-hash the discussion at next meeting (Renz)
Also further flying locations the fact that Suman has given multiple invites to his field and we have not went to look at the site.

Treasures report: Club balance 9/19/2014 was 894.93

More Old Business

Mike Basta wins the 2014 outdoor spring/summer contest. (Congrats Mike!)
(Outdoor results are tabulated on a separate sheet from Dana)
We would all like to thank Dana Field for organizing and for his accounting skills keeping track of the contest points!
Thanks again Dana!

New Business

HAFFA has a new Facebook page. (Thanks to Bonnie C.) That is awesome!
Scott and Bonnie gave Jeff R. training on how to access the Facebook page and edit it. Thanks Scott. Thanks Bonnie.

Bonnie is our new newsletter editor as well. (Thanks again!)

We would really like to thank Gary Hodson for his dedicated efforts over several years. He deserves a well-earned vacation from the newsletter.

New Business
Mike + Dianne and Dana + Doris made preparations by driving down to Marion the week before the HAFFA club meeting.
The up can coming annual Marion Outdoor contest October 4th and 5th was then the topic of discussion.
Dana and Mike made arrangements for a place to stay at the Country Dreams B & B. (rooms are available).
Call Mike B. if you need a room.
Gretchen will be on board with providing breakfast and lunch at the field. "Cindy's restaurant as well"

Use of the Airport is locked in for our use to conduct the model contest. The mayor of

Marion will present the Marion Cup.

The up and coming Indoor Flying season was discussed. A "draft" schedule was published it still has some errors on the dates.
This will be submitted in the up and coming newsletter.

John Pakiz will be conducting a 2 day indoor fun-fly and contest in Beatrice Nebraska on Saturday October 25th and Sunday the 26th .

The Commemorative Air Force Warbird fly-in at Olathe was a success. HAFFA had a booth and presence there. FP9 gliders were built and handed out to the kids. We would like to thank Charlie T., Jack V., Bonnie C., Scott C., Jeff R. and Mike B. (We gained some interest and several email names and interested potential members signed up.

New logos to add to the newsletter masthead: NFFS, FAC, SAM were discussed.

Action Items:
Jeff R. to find out who to contact to become an FAC chapter.

WHAM (Wichita Club) fun fly Oct 11/12 in Wichita

Mike B. to contact Beth Mcabe for a mtg. location and club tour at the C.A.F. Commemorative Airforce.

Mtg. was closed out at 8:37pm (motion seconded and approved)

INDOOR FLYING EVENTS FROM OCT TO MAY

Date	Day	Place
Oct. 5th 2014	Sunday	Osawatomie
October 19th 2014	Sunday	Ozanam
October 25th and 26th, 2014	*Saturday and Sunday*	*Beatrice Nebraska Indoor Fun Fly 2 day contest starts at 10am*
November 2nd, 2014	Sunday	Osawatomie
November 16th, 2014	Sunday	Ozanam
No Flying	**December**	**(Christmas Holidays) No flying.**
Jan. 4th, 2015	Sunday	Osawatomie
January 18th, 2015	Sunday	Ozanam
Feb. 8th, 2015	Sunday	Osawatomie
Feb 22th, 2015	Sunday	Ozanam
March 1st, 2015	Sunday	Osawatomie
March 15th, 2015	Sunday	Ozanam
April 5th, 2015	Sunday	Osawatomie
April 19th, 2015	Sunday	Ozanam
May 3rd, 2015	Sunday	Osawatomie: (Championship meet). 9 am to 3 pm



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Tissue Paper

(Thanks to Free Flight Mag for this story)

It's that time of year when a many modeler's fancy turns to building, especially those who live in the Northern Hemisphere where there is real weather. Even those of us who wouldn't recognize a snow shovel if we tripped over one have two or three projects under way. Maybe a set of ribs waiting to be liberated from that sheet of balsa, a pair of fuselage sides pinned to the building board, and sanding before setting the dihedral. Oh yeah, and then there is that completed framework waiting to be covered. Let's spend a little time going over some ideas for that penultimate step in completing your model, the covering job.

DRESSING THAT MODEL FOR SUCCESS

Except for all-sheet designs, all of our models need some sort of covering to make the wing(s) and empennage into aerodynamically useful components. The covering also strengthens the framework and adds rigidity to handle the stresses of flight. Depending on the type of model you are building, the covering can be anything from the ethereal microfilm, whose thickness is high quality silk cloth, or even plastic films more often found on (gasp!) R/C models.

Nonetheless, a large number off FF models are still covered in that old standby, tissue paper. Tissue paper has model aircraft for over 100 years for several reasons. Tissue paper is:

-Light in weight
-Easy to work with and requires a minimum of tools and techniques to apply
-Readily available from various sources
-Aesthetically pleasing on sport, competition, and scale models

It's unlikely tissue paper will be replaced as a favored covering material any time soon, I'm sure it will still be in use 100 years from now.

THERE'S TISSUE PAPER AND THEN THERE'S TISSUE PAPER

The first step to achieving good results with tissue is to make sure you start with the right material. For many, the tissue of choice is that which is manufactured by the Esaki Model Manufacturing Company of Gifu City, Japan. Sold under the brand name Plyspan, most modelers refer to it as Esaki tissue or just Esaki. It is available from many sources, on the NFFS website go to The Free Flight Community -->Free Flight Supplies and Kits section for a list of suppliers.

Esaki is lighter and stronger than other tissue and it has a unique property that is specially useful, it has the ability to remain handle able while wet. Unlike other tissues that can fall apart when wetted, Esaki can be handled, positioned and even stretched over a framework without tearing, a property that is extremely handy when covering convex or concave surfaces, such as the nose of WWII fighter model or the underside of under cambered wings.

There are lots of other tissues out there and many of them are ok for our needs but they really don't compare to Esaki. Sure, it can cost up to 80% more per square

foot than ordinary tissue but when you consider that the average 24" model will require about 2 sheets of tissue to cover, you are only spending $1.50 to $2.00 more (in 2013 prices) to use the good stuff. Skip that Venti, non-fat, blended Latte for one day and use the money you saved on Easki.

THE STICKY BIT

For many years the standard method of attaching tissue to model frameworks has been to use model airplane dope, a plasticized lacquer, to adhere the tissue to the framework. The method works well and is still in wide use but recently we've seen the emergence of two techniques that eliminate one of the most bothersome aspects or using dope, the smell.

The first is to use diluted PVA based glue such as Elmer's White or Titebond Carpenter's glue. Just mix up a 2:1 to 3:1 ratio of water to glue and use this concoction to attach the tissue. The exact ratio isn't critical but if your covering job includes concave surfaces, such as an under cambered wing, you may want to use a 1:1 ratio in these areas to help keep the tissue from pulling away when you shrink it.

One caution, if you use water soluble to build your models wait at least 48 hours before covering with diluted glue to avoid loosening any glue joints and wreaking your structure.

The second method is to use glue stick adhesive such as UHU Stic or Elmer's Glue Stick. You simply rub the adhesive onto the framework and press the tissue in place before it drys out. To make sure that you apply an even coat use tinted glue stick so you can make sure you have applied it everywhere you need it. Don't worry, the adhesive will dry clear.

Both of these methods have the advantage that they can be used indoors, even in a room with limited ventilation, and you won't have to deal with those smelly fumes.

SEALING THE DEAL

For many years the only real choice for finishing a tissue covered model was to apply several coats of thinned dope. This is still an excellent method but there is that lingering smell issue. Today there are two relatively new alternatives to dope have been widely adopted for creating a clear, moisture resistant coating on tissue.

The first is to use an acrylic spray-on finish such as Krylon Crystal Clear or Blair Spray Clear which are protective coatings for art work of all types. They are low in odor, lightweight when applied correctly, and perform well on our models. The trick to using these effectively is to apply very light coats on the tissue covered structure. Hold the spray can about 15"-18" above the part and spray horizontally creating a light mist that is allowed to settle on the surface. As is sufficient to seal the tissue and provide good protection.

Make sure you use the acrylic version of these products as both manufacturers also make heavier, lacquer based coatings that add extra weight.

The second method is to use Pledge Floor Care Multi-Surface acrylic coating. This product has been around for many years, it was formerly known as Future Floor Finish, and is sold as a protective sealant for wood and linoleum floors. You can use it right out of the bottle but it can be thinned with rubbing alcohol (25% alcohol) to make it easier to apply. It can be brushed on, but results are achieved when sprayed on with an airbrush. Like dope and acrylic spray, apply 2-3 coats to seal the tissue.

This product has one huge advantage. It can be applied indoors and you'll hardly notice the odor. I've done complete covering jobs in my family room without a single complaint --try that with other types of finish.

I think we've covered enough for now.

Before wrapping up, one more thing. There is a truly revolutionary covering technique that you should learn about and try. On the NFFS website go to Shopping & Publications -->Technical Articles --> Technical Library and read the Tissue over Mylar articles. This method involves additional materials and effort compared to covering with tissue but trust me, you'll be amazed at the results.

Until next time, keep building, flying season is just a few weeks away.

Manuel Cisneros, Palo Alto, Calif. manuel.cisneros@oracle.com

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you might not love it as much. Simply spray your sofa (or anywhere you might like) with a solution of pure vinegar. Felines hate the scent and will keep far, far away.

Clean Your Brass and Copper - A combination of one teaspoon of salt dissolved in one cup of white vinegar can bring your brass and copper back to life. (Just be sure to dissolve the salt so it won't be abrasive to the surfaces.)

Poach Perfect Eggs - Who knew? Two tablespoons of white vinegar to your poaching water ensures that the egg whites will firm up faster.

Clean Your Coffee Maker - Vinegar can quickly rid your coffee pot of built-up stains. Just add a cup to your percolator (with no coffee) and run it through a regular cycle, or add a cup of boiling vinegar to your glass percolator and let sit.

Remove Mildew from Clothes - Mildew can make your clothes smell terrible, but put them through a hot wash cycle with a cup of vinegar and a teaspoon of baking soda, and the mildew will disappear in no time.

Banish Onion-Scented Hands - Before and after cutting an onion, garlic or any other strong-smelling foods, rub vinegar on your hands to keep them scent

