



# *The R/C Flyer*

Volume 27, Issue 3

March 2003

Next Meeting – March 13, 2003 at 7:00pm - Clear Lake Park Bldg.

## **February 2003 Meeting Minutes**

By: Mike Goza, JSCRCC Secretary

The Meeting started at 7:16pm 2/13/2003

### **Old Business:**

Runway design was presented and was met with approval by the members. The design addresses all safety concerns, but will require helicopter and fixed wing pilots to share the main runway. The suggested method is to take turns using the runway or whatever method is amenable to the pilots that are present. (Editor: See field layout diagram at end of newsletter - Thanks Preston)

The pavilion structure has been approved by the center (JSC). It consists of a 12' x 40' canvas and pole RV cover. The center will be responsible for setup and teardown due to weather and event circumstances. This shade will be a nice addition to the field.

Field box upgrades have not been completed yet. Completion is expected by the next meeting.

### **New Business:**

Now that the field design is finalized, we need to stripe the runways and various areas. The club will set a date and purchase the appropriate materials. Small ramps will be added to the landing gear catchers (yellow boxes). Herman volunteered to get the materials.

The date for the field layout and cleanup will be the first Saturday following the March meeting weather permitting.

Herman has invited everyone to his house for a float fun fly out of his back yard on Feb 22. He will put a map up on the

web site for interested parties. The fun fly will start at 8:00am.

Don Fischer brought a pusher plane for show and tell with an Irvine 40 engine. He also brought a silk and dope covered rudder to his latest creation.



### Model of the Month (MOM):

Brian Campopiano brought a Hirobo Freya with an OS 70 and V blades.



Meeting adjourned 9:00 pm

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Herman won MOM with a fun fly plane called the Dazzler from Great Planes. It has an OS 50 and is covered in blue and white Monokote.



### Entertainment:

Our illustrious vice president presented a discussion on pylon racing wing design, including airfoils. He showed the basic construction of the wings using built up and foam. It was a very interesting discussion.

### Club Shirts and Hats For Sale

*By: Holly Boyle*

The club still has some club hats and shirts for sale so get one before they run out. Hats are \$10, T-shirts are \$15, blue golf shirt \$26 and with a pocket \$31. All items are available at the club meetings.

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### Flying Site Grants

*By: Editor*

The AMA will be issuing grants for flying site improvements as described below. Club members are asked to consider whether JSCRCC should seek one of these grants. Think about it for discussion at the next club meeting. (Note: These are not the same as the Hitec grants brought up last year).

### Flying Site Development/Improvement Grant

The Academy of Model Aeronautics has approved the formation of a committee to administer the distribution of funds, in the form of grants, to clubs in support of their flying-site development and improvement projects. The limited funds will be dispersed on a yearly basis, with applications being submitted no later than April 1 of each year and grants being awarded May 1 of each year. Grant [application forms and instructions](#), in downloadable PDF format, are available for completion by the club president.

The completed forms—approved by the district vice president—and all other required materials should then be mailed to the Programs Department at AMA Headquarters for consideration.

The purpose of this program is to provide up to 10% of the total cost of a valid flying site development and/or improvement project.

For more information regarding the AMA Flying Site Development/Improvement Grant Program, visit our Web site or call the AMA Programs Department at (765) 287-1256

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## **Scratch building**

*(The following article courtesy of AMA National Newsletter)*

First, pick up a set of plans for an airplane that interests you. Then look them over and read the instructions that the designer sends with them. Get an idea of the construction flow and what special hardware will be required during construction. The Reed Extra 260 plans contain, in addition to the actual plans, a page of pattern plates, and instructions on how to proceed. While many scratch builders cut out all the parts at once, I prefer to pick an assembly, say the fuselage, and cut out the parts that will be required for that assembly.

Here is one of those areas that precision in your work is of the utmost importance. The parts must match the templates exactly! There is no room for error here. If the parts don't fit the template then they won't fit the airplane either. So be precise. After cutting out all the parts, follow the instructions and build any small sub-assemblies such as fuselage sides, multi-part formers, doublers, etc. Now you are ready to start building. Either build on the plans or at very least draw a straight line down the center of your building board. This line will be the centerline of your fuselage. Keeping the aircraft plumb to the centerline is critical for a good flying aircraft. Framing up the fuselage isn't much different, once the parts are cut out, than building a kit. In fact, that's what you are doing! You just cut out the kit. Make sure all the formers are aligned with the plans and follow the instructions and soon your airplane will begin to take shape.

The wings present a bit more work because you will have to cut out the ribs and, except in the case of a straight wing, each rib will be different from the others. Always make the ribs for both halves of the wing at the same time. This way

you can be sure that both wings are the same.

Another thing, always mark the ribs so that the same side is up on both wings. Do this even if you are building a symmetrical airfoil wing. Slight variations in your ribs can really mess up a project if the ribs are not marked and put in the same orientation. Again, at this point, scratch building is little different from building a kit. Just remember, if the parts don't fit, you have no one to blame but yourself.

Scratch building will definitely make you a better modeler, and save you a lot of money at the same time. Just remember, use good quality wood, be precise when cutting out the parts, and follow the designer's building sequence. Oh, one last thing, don't hesitate to call the designer if something stumps you. Usually they are happy to assist you in creating your masterpiece.

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From the newsletter of the RC Eagles  
Kent Shore, editor  
North Canton OH

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## **Flying Truisms (short list, more to come next month)**

*By: Brian Morris*

Blue water Navy truism; there are more planes in the ocean than there are submarines in the sky.

If the wings are traveling faster than the fuselage, it's probably a helicopter-and therefore, unsafe.

When one engine fails on a twin-engine airplane you always have enough power left to get you to the scene of the crash.

Weather forecasts are horoscopes with numbers.

Airspeed, altitude or ideas; Two are always needed to successfully complete the flight

Mankind has a perfect record in aviation; we never left one up there!

The Piper Cub is the safest airplane in the world; it can just barely kill you. (Attributed to Max Stanley, Northrop test pilot)

You know that your landing gear is up and locked when it takes full power to taxi to the terminal.

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## Upcoming Events

By: Editor

3/16/03-Alvin TX, Alvin RC Swap Meet at Alvin Senior Center. Contact Ted Dziedzic at 281-316-5924 for more information

3/22/03- Pasadena TX. Bayport Aero Club Fun Fly/Swap Meet. Contact Paul Curry, CD, at 281-487-3749.

4/5/03- Huffman TX 3d Annual Cash Classic Scale Warbird Races. Contact Horace Cain, CD, at 281-399-5627 for more information.

4/6/03-Huffman TX 7th Anniversary Fly In & Swap. Contact Odis Everts, CD, at 281-449-0179 for more Information.

4/12/03-Crosby TX Prop-Nuts Annual Flea Market & Fly In. Contact Taswall Crowson, CD, at 281-474-9531 for more information.

5/17/03-Hockley, TX 3d Annual All Purpose Fly In. Contact Stuart Rush (CD) at 281-7879567.

## Club Officers

President	John Boyle	281-630-4526
Vice-President	James Hornsby	281-286-0751
Treasurer	Dave Hoffman	281-476-5206
Secretary	Mike Goza	281-554-4016(H) 281-483-4695(W)

## Instructors

<b>Fixed:</b>	<b>(H)</b>	<b>(W)</b>
Don Fisher	281-474-4942	
Mike Laible	281-474-1255	281-853-1604
James Lemon	281-557-1602	281-280-1267
David Hoffman	281-476-5206	281-479-1945
Clay Bare	281-488-2992	
Don White	281-488-1024	

<b>Heli &amp; Fixed:</b>		
Mike Goza	281-554-4016	281-483-4695
Preston Hunt	281-339-2525	713-359-5702
Steve Rhodes	409-948-2881	

## The R/C Flyer

### Editor/Electronic Distribution

Charlie Teixeira

Articles and Want Ads may be submitted to Charlie Teixeira at 1711 Bowline Rd, Houston TX 77062 in hard copy or via e-mail (preferred) to [ctei@sbcglobal.net](mailto:ctei@sbcglobal.net)

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### Assembly, Posting, Distribution

Bob Blaylock

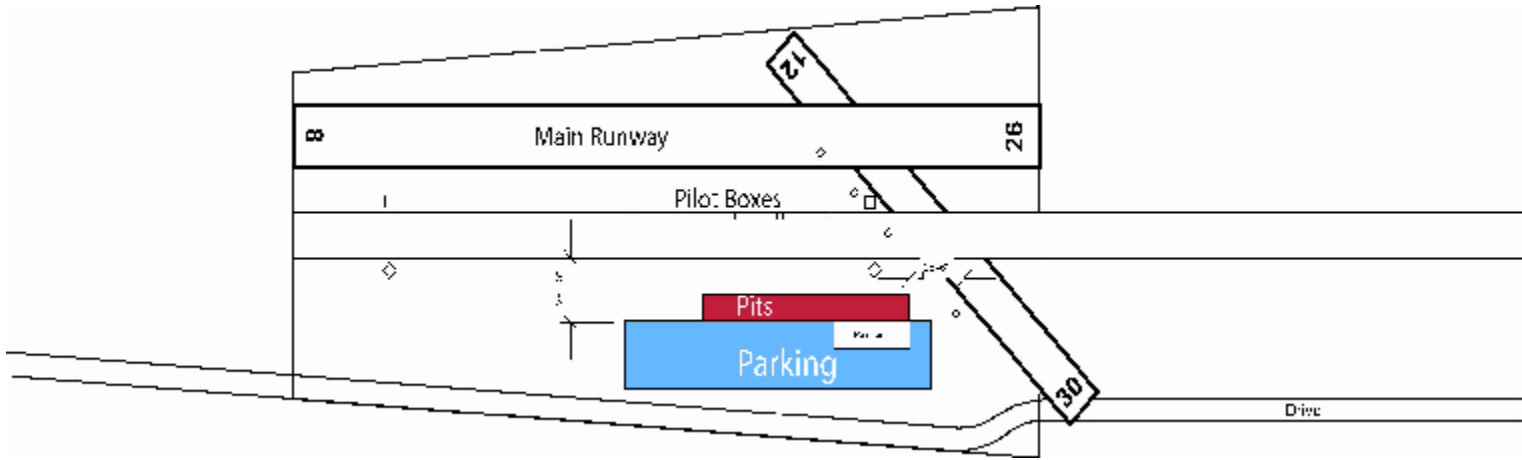
### Club Homepage

<http://www.jsrcc.com/>



**We Need You March 15th!**

**Field cleanup  
Striping  
Landing Gear Catcher Repairs**



Approved JSCRCC Field Layout as of 2/2003