

The Newsletter of the *Manned Space Center Radio Control Club*

President's Corner

Charles Copeland

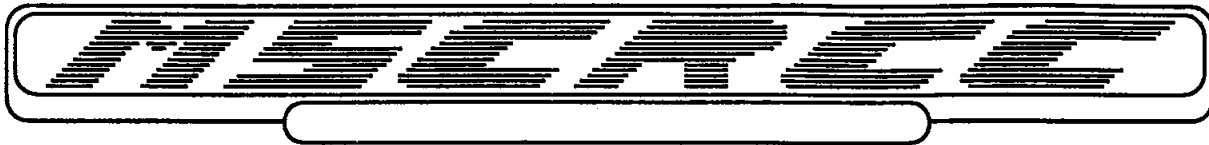
I would like to thank all of our club members who helped out at the AMA District 8 fly in. The fly in was a cooperative effort between many clubs here in the Houston area and I'm proud that our club was able to contribute. MSCRCC club members who participated include the following: Bob Lawson, Brad Lawson, Matt Hanson, Jerry Hajek, John Campo, Ed Copeland, Mike Payne, Gary McIntire, Art Rasmussen, Matt Rasmussen, Daryn Riggle, and Brian Morris. I also want to thank David Tanner from Bay Port Aero Club for his help with the parking lot activities. Many people from other clubs in the Houston area worked very hard to support the District fly in including Charlie and Marilyn Stevens (Prop Nuts), Doug Greer (Bayport Aero Club, MSCRCC), Bill Stevens (Bomber Field), and many others. The turnout for the event might not have been quite what we expected, but we all had a good time. OK, back to the flying activities here at JSC. Hopefully the weather will cooperate this month and we can get some flying in. We will try to have a club fun fly and a glider contest this month, so keep your fingers crossed. You might want to consider participating in these events because we are going to have some fabulous prizes this month - not the usual Bag-O-T-Pins from fun
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Words from the VP

Jerry Hajek

Cool fronts, north winds, and the never ending rain has sure dampened the flying spirits for the month of May. I guess now with the official start of hurricane season, we can start flying again. We have a lot of flying to do this month for those willing to participate. The District VIII fly-in was the first weekend, our club fun fly will be on the 16th, and the club glider fun fly contest will be the 23rd. Both the fun fly and glider contest can be successfully flown at any skill level; you don't have to be a NATS champion to do well. Each event is called a "fun fly," and that's what it is - having fun flying with your club members. We spice it up a little with prizes just to make it more interesting. The important word here is "fun" not competition, although the competitive spirit can be very exciting for those who try it.

To promote the glider contest and club soaring in general, I have acquired three sailplane kits to be given away as prizes at club glider events. First prize at the June 23rd event is a Great Planes "Spirit". this plane took 1st place in the 2 meter class at the 1990 AMA NATS, and was voted international model of the year. Other prizes for future events include a Bob Martin "Bob cat". Ailerons and a T-tail makes this 2 meter ship a
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Minutes for the May 1991 Meeting of MSCRCC

David A. Fennen

Charles Copeland called the MSCRCC meeting to order at 8:10 pm. The minutes of the previous meeting were accepted as published in the newsletter.

Old Business:

NASA officials have told us that we may set up at the field at 4:30 but must wait until 5:00 pm to fly on week days.

The joint Mall exhibit with the Alvin RC Club was canceled, however Doug Greer invited our club to participate in the Pasade na Town Square RC exhibit with Bayport Aero club.

New Business:

The club purchased a large canopy to provide shade at the flying field. Don Fisher and Jerry Hajek volunteered to handle the canopy.

Sixteen cases of fuel have been ordered and will be picked up by Don Hall.

The Port Arthur Big Bird has been canceled due to a conflict with another event.

The glider contest was postponed until Sunday, May 19.

Don Fisher volunteered to bring refreshments for the June meeting.

David Shupek won model of the month with his Trainer 40.

Treasurer's Report:

507.00 In
237.00 Out
3256.00 Previous Balance
3526.00 New Balance

Entertainment:

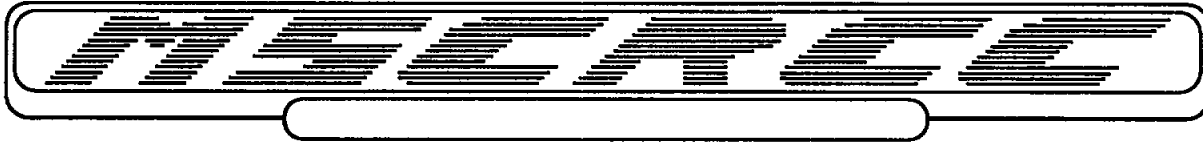
"Hoot" Gibson, aeronautical genius, pilot extraordinaire, and all around great guy, gave a very interesting presentation on his vast aeronautical experiences.

About CAD

Ed Copeland

Sometime during the next few months we will have a brief presentation on computer aided design (CAD) for model builders. The emphasis will be on airplane talk rather than computer talk. No previous CAD or computer experience will be required to follow the material. Subjects covered will include the following:

- What is CAD?
- What can it do for the model builder and what is it not well suited for?
- Examples will be presented of
 1. Templates for cutting parts
 2. Layout drawings
 3. Lofting line generation



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fly's past, no sir, these are serious prizes like airplane kits and junk like that. The club fun fly (for all powered planes) will be the Sunday following our club meeting starting at 1:00 pm. Find more information on the glider contest in the VP's column. For the club meeting this month, I will try to make sure that the building is unlocked, but if for some reason we are locked out again... well, you know were to go. Finally, I was happy to see Dean Umbarger up and around at the District 8 fly in after his recent quadruple bypass surgery. Dean, we hope you are able to get out and do some flying real soon. That's it for now. See you at the meeting or at the field!

(VP from Page 1)

real per former with 2 or 3 Channels. Grand prize for the year is the Top Flight "Antares", a 100 inch competition sailplane with ailerons and flaps (3 or 4 channel).

I need timers, score keepers and a little help setting up the flight line for the June 23rd event. If it rains or some other disaster strikes, I will update my answering machine (so call 486-4722 for cancellation information). Later in this newsletter, you can find the glider contest rules and requirements.

At the first meeting of the year we discussed the formation of special interest groups and only the pylon racers emerged. So what about gliders? Fun flies and competitive events away or at home are available to us all over the state. We can host our own invitational or open competitive events. Anyone interested in getting together and flying gliders as a team, special interest group, or just for fun, give me a call. It has been said that

powered and non-powered flight can not exist at the same field. Anyone who has seen me with a cap-21 and an Olympic II at the field on the same day knows how it's done. There's more than enough room for sailplanes and those noisy oily other things that we fly. If there are any questions on setting up your winch or hi-start at the field and surviving with the gas hogs, ask me, David Hoffman, or one of the other instructors.

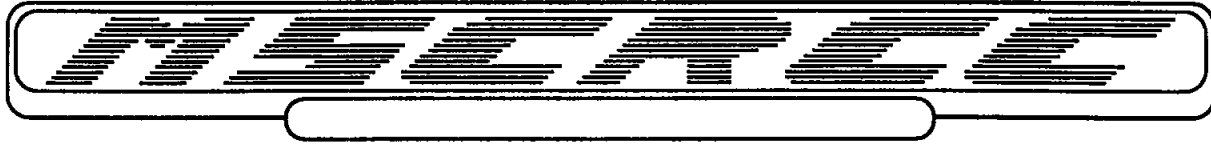
The entertainment this month will be John Kiker, retired aero space engineer back at it again working on the Space Shuttle Drag Chute Project. John worked on the 747 shuttle piggy back project where a model was built and flown to prove the concept. The piggy back model is the topic of discussion and sure to be good one.

Fuel for Sale

Jim Brock - 334-1715
John Campo - 488-7748
Tas Crowson - 474-9531 o7 3
Don White - 488-1024
Wayne Green - 484-3151

Instructors:

John Campo - 488-7748
Charles Copeland- 532-1570
Paul Ellis - 480-3839(H) , 780-6602(W)
David Fennin- 474-7351
Don Fisher - 474-4942(H) 483-2157(W)
Mike Goza (Heli and Airplane)
554-4016(H) 483-4696(W)
Jerry Hajek - 486-4722(H) 246-6085(W)
David Hoffman-476-5206(H), 479-1945(W)
Dave Thomasson - 471-0642
Wayne Green (Heli) - 484-3151



**MSC-RCC
GLIDER FUN FLY CONTEST
FOR MSC-RCC CLUB MEMBERS**

JUNE 23, 1991 REGISTRATION 12:00PM

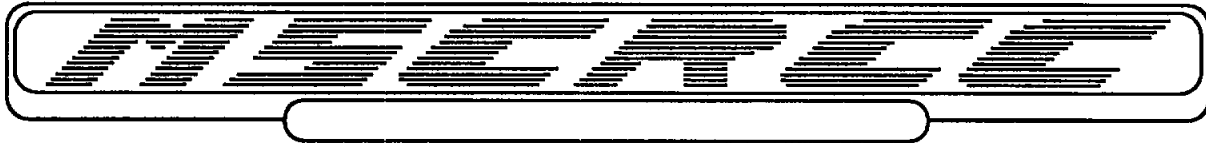
**NO ENTRY FEE
JERRY HAJEK
Contest Director**

EVENT TO BE FLOWN : 8 MINUTE ADD-EM-UP WITH LANDING POINTS.

- **YOU WILL HAVE THREE FLIGHTS.**
- **THE OBJECT IS TO GET A TOTAL CUMULATIVE AIR TIME OF EXACTLY 8 MINUTES OVER THE THREE FLIGHTS.**
- **YOU WILL RECEIVE ONE POINT FOR EACH AIR SECOND NOT EXCEEDING 4 MINUTES PER FLIGHT.**
- **YOU WILL LOSE ONE POINT FOR EACH SECOND ON ANY SINGLE FLIGHT THAT EXCEEDS 4 MINUTES.**
- **FOR EACH SECOND THE TOTAL OF YOUR THREE FLIGHTS EXCEEDS 8 MINUTES YOU LOSE ONE POINT.**
- **THERE WILL BE A LANDING ZONE, 10 FOOT CIRCLE, WHICH A PERFECT SPOT LANDING WILL GIVE YOU AN EXTRA 100 POINTS PER LANDING, WITH GRADUATED LESSER POINTS DEPENDING ON HOW FAR YOU ARE AWAY FROM THE SPOT. POINTS ARE GAINED FROM A CONTROLLED LANDING, NOT A CRASH!**
- **ONLY ONE GLIDER PER PERSON MAY BE ENTERED. IF YOU DAMAGE YOUR PLANE TO THE POINT IT BECOMES UNFLYABLE YOU CANNOT CONTINUE THE CONTEST AND YOUR SCORE STANDS.**
- **TWO ROUNDS OF THE THREE FLIGHTS WILL BE FLOWN. THE CONTESTANT WITH THE HIGHEST CUMULATIVE SCORE, FLIGHT AND LANDING POINTS, WILL BE THE WINNER. 1ST, 2ND, AND 3RD PLACE PRIZES WILL BE AWARDED.**

THIS IS A FUN EVENT AND CAN BE SUCCESSFULLY FLOWN BY THE MOST UNSOPHISTICATED DOGGY LEAD SLED GLIDER, POWERED OR OTHERWISE.

THIS IS A GOOD WAY TO SEE GLIDERS IN ACTION AND A FAST PACED EVENT. YOU MUST BE DOWN IN NO MORE THAN 4 MINUTES--THE SCRAMBLE AT THE LANDING CIRCLE CAN BE QUITE A SHOW!



Prop Wash

Matt Hanson

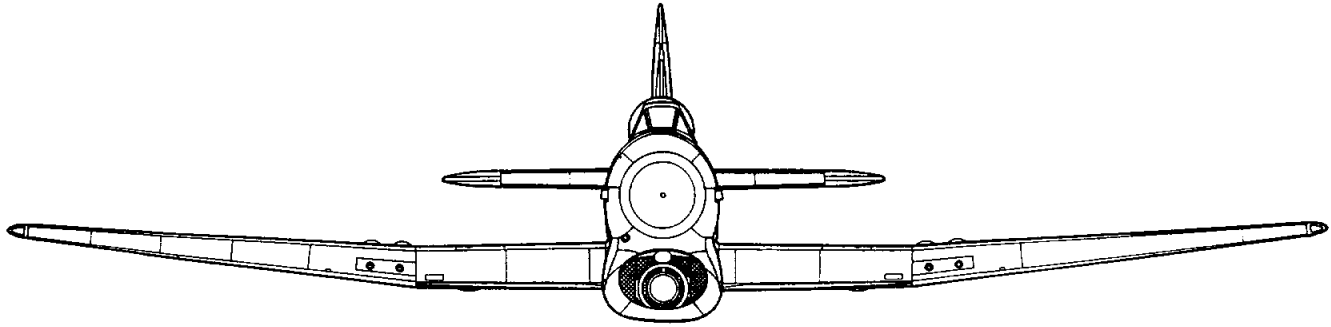
This column was introduced last month as the newsletter's editorial page. If you hadn't noticed, its purpose is to blowwind about the club or any other RC subject. Prop Wash will essentially be space available to publish the uncensored views of anyone in the club, so it is not my intent to be the sole contributor. It has been my observation that nine-out-of-ten issues of the newsletter have simply been a reporting of facts about the weather and upcoming events. While this is important, it also makes for a boring newsletter (if that's all there is). Hats off to the Copelands and David Fennin for spicing things up with their recent articles on flying and building techniques. Besides these submittals, the last column I can remember reading was Dr. Doom's tongue lashing followed by David Hoffman's rebuttal. That's entertainment. We have a roster full of creative people, and the club newsletter needs filler. I beg you, I'll publish ANYTHING! If anyone wants to publish a series of articles on some subject, I'll create a special column. Many people have regular conflicts with the club meeting, so this is an excellent forum to raise issues in absentia. In absentia, I propose that proposals submitted in the newsletter be brought before the club at the regular meeting for consideration...any seconds?

I consider this a challenge to the club. If I were a betting man, I would have to wager against receiving a single letter or article over the next three to four weeks. Once again, I'll publish anything (including anonymous submittals). If you think what you have to say doesn't make any

sense, that's OK, I'll publish it. If you are afraid of being controversial, don't be. If you submit petty remarks, so much the better - it'll stir up further submittals. Yes, I'll even publish unkind remarks about myself.

The easiest way to submit an article is through Charles Copeland, whose address is on the newsletter. 5.25 DOS floppies in ASCII or WordStar format are best, but I'll key stuff in if it's of reasonable length. If you submit something on disk, please do not use any word process formatting (e.g. underlines, bold, etc.), and use lower and upper case. I won't hold my breath.

P.S. Isaac at the Hobby Center says that Riches Brew is inferior to the stuff he sells (Omega and Cool Power). Is this true?



The **R/C** *Flyer*

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