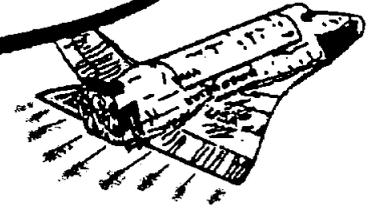




# The **R** **C** Flyer



May 1996

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The News Letter of the *Manned Space Center Radio Control Club*

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## President's Corner

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Bill Landoc

A special thanks to Dub Jett for providing the program at the April meeting on his small Houston business to manufacture high power, moderate size engines. Jett engines are obviously a high quality product and it was most interesting to see and hear what all they do to produce their engines. His tip to use air tool oil as an inexpensive, very effective after run lubricant was a good one. Anyone who missed the meeting and is interested in a high quality, high power .40 to .90 size engine can see me for a copy of the literature on Jett Engineering engines.

This year we have had an unusually good set of programs for the meetings, and Mike Laible deserves all the credit and thanks for arranging that. He has been active and successful in getting good, interesting speakers. I only wish that more members would attend to take advantage of the interesting programs.

Don White has brought a "tip" to each of the last two meetings and has suggested that we make time on each agenda for members to share ideas on short cuts, special construction techniques, home made tools, or whatever might be an uncommon building or flying aid. For example, Don shared with us at the last meeting that a .220 volt bulb makes a good

tester and battery cycling load for glow plug "hot shots". So what special tip to you have that could be shared at a meeting?

Don Fisher is currently keeping the club's Royal 40 low wing trainer. If you know of some one who is interested in a hands-on demonstration to see if they want to get into the hobby, or would like to take a few lessons before they buy a plane and radio have them contact Don. Several club members, including myself, have had a chance to fly the club plane and it really flies nicely. Its very stable and goes just where you want it. When the buddy box is switched between instructor and student there isn't any transient.

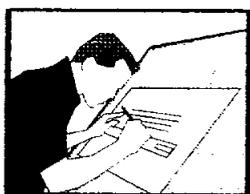
We have received a new order of "Model of the Month" trophies. At the April meeting we passed out trophies to all but one of the previous winners, and are now about caught up. There have been a number of really fine models shown over the last few months, so keep building and bringing your handy work to share with all of us.

I'll miss the next meeting. I need to go and watch my daughter graduate from college and then move all of her "stuff" back to Texas. I have planned the trip though so that I can stop off and see an airplane museum on the way. Mike will be running the May meeting with another special program. Mel Keister of Brookside Machine will talk about his onboard starting systems. So plan to be there, and fly often and fly safely.

## Words From The VP

Michael Laible

Just when I thought my efforts were going unnoticed, I met a gentleman from Canada at the flying field. He saw our homepage, downloaded the map and wham, he showed up at the field. It turned out to be a very enjoyable conversation. It seems that us Americans are spoiled when it comes to the price of RC equipment. Speaking of the homepage, I need some inputs. What I want to start is a members section. This section would show a members model (airplane or helicopter) and give a brief description. So, at the next couple of meetings please bring in your favorite picture of your model and a brief description about yourself and the model. If anyone has old-time pictures that would really be interesting. This would give the world a chance to see what the Manned Spacecraft Center RC Club is all about. I will return every picture, all I need to do is scan them.



I was reading through the March Model Airplane News and noticed an article on computer generated NACA airfoils. The editors note on this article points out that not long ago it was very difficult to generate airfoils and bulkheads due to the complex curves. He notes that computers have changed this and made life a lot easier. I could not agree more. Believe it or not, 22 years ago, yes I was 18 at the time, I was fortunate enough to start work as a draftsman for my father at his machine shop. It was in-valuable in teaching me how to read and construct assembly drawings. With the advent of computers, it is like a new tool. However, one must remember that computers do not make a drafter, it is merely a tool.

Nothing new on the building front. My Dad is 50% complete with my scratch designed Hawker Sea Fury. We are using Century 21, Insignia Blue.

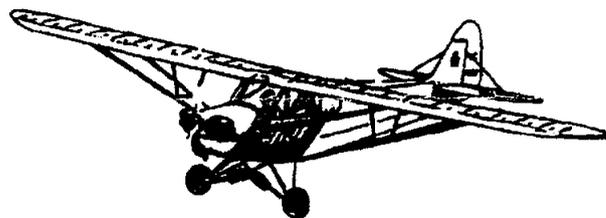
Should be a really sharp model. Soon as I get the test flight down I will finalize the plans. Also in the making is a Sukhoi SU-26MX. I have the three views completed and will start the construction plan very soon. I will use the same airfoil configuration as the highly successful Sorta Pattern design. Below you will find the root airfoil and the tip:



This has been very successful in achieving good flight characteristics and no tip stalls at low speeds.

That's all for now. See ya at the May meeting. ¶

## Door Prizes



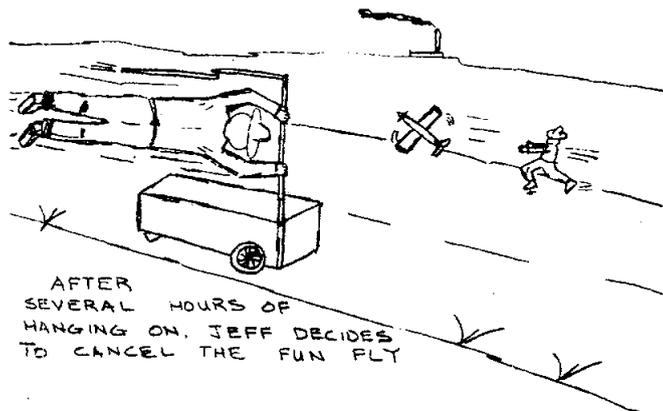
Michael R. Laible

In an effort to increase the participation in club events and club meetings, Mr. Jerry Hajek has donated his instruction fee and the operating cost for one flight per month in a 1946 J3 Cub. This aircraft is in excellent condition and is finished in the classic Cub yellow and black paint scheme. A real nostalgic look and feel which is pure fun.

After talking with Bill Landoc it was decided that the club would give one flight for the next four months (May, June, July, and August) as door prizes. All you have to do is come to the meeting, sign in and enjoy some good old plane talk.

Jerry also reminded me that his instructor fee is always free to MSC RCC members. So if you do not want to take a chance at the door prize, for a modest fee you could also arrange a flight. Jerry's number at work is 246-4312. ¶

## Lighter Than Air



## May Entertainment

Mike Laible

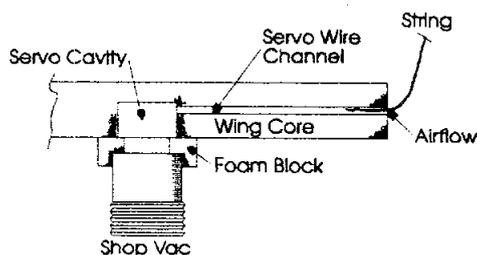
In May I have scheduled Mel Keister of Brookside Machine to talk about his new Model Engine Starter System. This should also be a good presentation. In fact, Mel informed me that in 1990 he tested this starter system at the MSC field. I guess this was before my time.

## Tip of the Month

Michael Laible

From Spring Issue of High Flight

Ever had a foam wing core with a servo cavity cut into it, with a small channel leading out from the wing root to the cavity for the servo cable? Next you discover that just as you cannot push a rope, you also cannot push a servo cable through that small channel. RC report published the following.



Larry Grief suggest the following plan of attack. Make a foam block that fits

over your servo cavity. In one side, make a hole just big enough to press your shop vac tube into. On the opposite side the shop vac tube, open up another smaller hole that will fit inside the limits of the servo cavity. Start up the vac and press the block against the servo cavity. The high vacuum will hold the block and hose in position. Dangle a soft string in front of the wing root servo channel. Once the string is sucked all the way to the servo channel, turn off the vac. Bingo, you have the lead for your servo wire.

## The R/C Flyer

EDITOR

Michael R. Laible

ASSEMBLY, POSTING, DISTRIBUTION

Bob Blaylock

Articles and want ads can be submitted to Mike Laible at 474-1255, on 5.25" or 3.5" floppies in ASCII or Microsoft Word, E-mail at mlaible@phoenix.net, or hard copy formats can be sent to: 2823 Sea Ledge, Seabrook, Texas 77586. Club Homepage at "<http://www.phoenix.net/~mlaible/msc.html>"



"Support Your R/C Flyer"

This Space could be YOUR ARTICLE. I know someone has something to share. Email or send by snail mail your articles.

The MSC/RCC appreciate your inputs.

## Minutes from the April 1996 Meeting

Don Fisher -Secretary



Meeting called to order by Bill Langdoc at 7:30 PM.

The minutes from the previous meeting were read and accepted with modifications.

### Old Business

- No Treasurer's Report. Dave Hoffman absent
- Bill Langdoc thanked Mike Goza and other club members who helped on the flying field clean-up and maintenance
- Bill reported on the Club Trainer that Don Fisher flew it and checked it out and it flies great. Don currently has "custody" of the airplane.
- Fun Fly on March 23 was "blown away" from high winds and was rescheduled to April 27 with 9:00 a.m. start. Prizes will be given and food will be served at 12 noon.
- Membership packet is still being reworked. Mike plans to have them ready for the next meeting.
- Model of the Month trophies for March meeting were received and given to Bill Needham, David Dale, and Eric Green.
- Correction to March Model of the Month award. Eric Green was the recipient of the March Model of the Month award instead of Don White as stated in the club newsletter. *Now I wonder who made that error. I guess I had the snow ski blues.*

### New Business

- New supply of trophies was purchased by Bill Langdoc.

- Bill Langdoc announced that Mile Laible would like photos and descriptions of planes to add to the MSCRCC Home Page on the Internet.
- Mike Goza noted that the newly installed field "Stop Signs" posts are not stable enough and keep leaning over.

### Members Tip of the Month

Don White demonstrated how to check the condition of your glow-plug-hot-shot by using an ordinary flashlight bulb.

### Treasurer's Report

No Treasurer's report.

### Model of the Month



Bill Needham brought in a "great looking" Great Planes Trainer 60 with a 66-inch wing span. Don Fisher entered a Heinz 81-inch wing span. *Don White won with the Tiger II - Ooops - Don Fisher was awarded the Model of the Month Trophy.*

### Program

Dub Jett of Jett Engines presented an excellent program on locally manufactured Jett engines.

### Refreshments

Don White volunteered to bring refreshments for the May meeting.

*Who is this Don guy????*

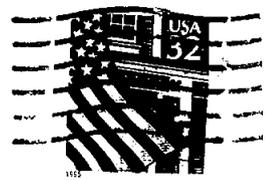
**Next Meeting on Thursday**

**MAY 9 th 7:30 PM**

**Clear Lake Park Building**

## 1996 MSC/RCC Calendar

<u>Date</u>	<u>Event</u>	<u>Date</u>	<u>Event</u>
May 9	Club Meeting, Brookside Machine	Aug 17-18	Southwind Flyers Big Bird Event
June 1-2	Texas City Spring Fly-In	Aug 23-25	Ballunar Festival
June 8-9	Bomber Field - Warbirds	Sept 12	Club Meeting, Nominations
June 13	Club Meeting	Sept 20-22	Bomber Field B-17 Gathering
June 13-16	IMAA Rally of the Giants, Lake Charles, LA	Sept 28-29	Midwest T-6, Dick Scobee Field
July 6-7	Prop Nuts Big Bird Fly In	Sept 28	Club Fun Fly Annual BBQ
July 11	Club Meeting	Oct 10	Club Meeting, Elections
July 27	Club Fun Fly	Oct 12-13	Prop Nuts Big Bird Fly IN
Aug 8	Club Meeting	Nov 14	Club Auction
		Dec 12	Club Christmas Party



# *The R/C Flyer*

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MICHAEL LAIBLE  
2823 SEA LEDGE  
SEABROOK, TX 77586-1554

**May 1996**

## **Fuel for Sale**

Jim Brock	334-1715
John Campo	488-7748
Tas Crowson	474-9531
Don Fisher	474-4942(H) 483-2157(W)
Wayne Green	484-3151
Don White	488-1024

## **Club Officers**

President	Bill Langdoc	482-2369
Vice-President	Mike Laible	474-1255
Treasurer	Dave Hoffman	476-5206
Secretary	Don Fisher	474-4942

## **Instructors**

John Campo	488-7748
Charles Copeland	474-1195
Paul Ellis	480-3839(H) 488-9878(W)
Don Fisher	474-4942(H) 483-2157(W)
Mike Goza	
(Heli and Airplane)	554-4016(H) 483-4696(W)
Wayne Green (Heli)	484-3151
Jerry Hajek	486-4722(H) 246-4312(W)
David Hoffman	476-5206(H) 479-1945(W)
David Tadlock (Glider)	481-5227