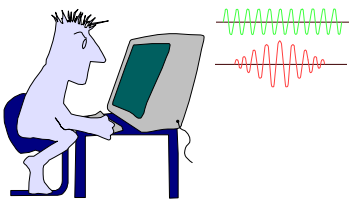
A Monthly Publication of Collins Model Aviators **January 2002**

Some Websites

By Larry Kerns



I thought that I would start out this month by sharing some interesting model aircraft websites that I have found useful. Of course, we're all hoping that this article will spur you into sharing any sites that you have found with the rest of the club. So check these out :

Website	Description
http://home.clara.net/wbruce.ogilvy/	Dundee Model Aircraft Club based at the Ministry Of Defence Army Rifle Ranges & Camp at Barry-Buddon (Monifieth) near Dundee, Scotland. Website has exceptional articles and tips on model aircraft construction and flying.
http://gofree.indigo.ie/~gkiernan/homepage.htm	Leinster Model Aeronautics Club containing free plans for Radio controlled model aircraft, general modelling information.
http://www.sayermj.demon.co.uk/balance.htm	This is a free computer program that predicts the weight ,wing loading and centre of gravity of a model aircraft based on a description of the parts.
http://beadec1.ea.bs.dlr.de/Airfoils/	This site has many on-line Java Applets for designing tuned pipe exhausts, analyzing airfoils, calculating props, etc.
http://www.model-aircraft-instrumentdials.co.uk/	Shows how to make scale instrument panels; home website deals in scale instrument panels
panelconstructionhints.html	
http://yfk.freeservers.com/Tips/tips.html	Tips and Tricks from Frank's (not our Frank) website!
http://people.ne.mediaone.net/indoor/	Indoor Model Aircraft site
http://www.charlesriverrrc.org/articles_modeldesign.htm	Charles River, Mass. Radio Controllers tips and instructions (some software) for calculating scale speed, linkage design, airfoil and tail design, etc.
http://www.acrcclub.org/HintSet.htm	All County Radio Control Club of New Jersey's tips and hints page

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Status of this year's Proposals

In the last newsletter, several proposals for club activities for the coming year were put forward. The following is their current status :

Club Construction Plans Library

Members would contribute copies of plans they own for other members to reference and study. A plans library would offer insight into basic and advanced construction techniques.

Status: Not Yet Started

Club Equipment Library

Library of non-flying club equipment for members to check out for personal use at home. These would include construction jigs, videos, etc. The library would also have a web-based checkout feature similar to

the one used by the Collins Woodworker's Guild.
Status: Larry Kerns' has contacted the Woodworker's Guild and they are going to share their website database HTML with us. He has a meeting scheduled with their webmaster to get all files needed and some instruction on how to update it. The plan is to have this installed by mid February.

Club Group Buys

Periodic organized group buys of materials and supplies. These could include fuel, balsa, hardware, etc.
Status: We need to appoint someone to be the contact person for any group buys planned. This person would be responsible for Emailing members and organizing orders for the buys. Let's do this at the next meeting.

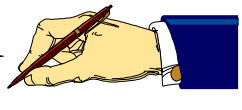
Organized Club Trips

Club trips to SIG, various events, etc.
Status: This should probably be a vice-presidential function to help take some of the load off the President. What do you think?

Holy Prop Wash, Batman !

Brrrr!! What happened with the weather? In case no one noticed, winter has arrived and with it, no more flight training on a regular basis. But in the club's infinite wisdom, we have provided an alternative to satisfy our members' insatiable desire for modeling. It's called the build night sessions! They run from October to March and take place on the second Thursday of every month. We had a pretty good turnout last month and I hope to see even more in January. So let's get those kits out and get those planes/copters built this winter!!

President's Corner



Since this is the first newsletter of the new year, I would like to take this opportunity to welcome everyone to "CMA 2002". As your elected president, I will do my best to make this a fun-filled year full of flying and other model aviation related activities. I would also like to take this opportunity to thank last year's officers and all of those who volunteered to help in other ways for their time and effort to keep this club going strong.

First, a little about myself for those of you who don't already know the story. It all started in 1983 when my best friend's brother bought him an airplane kit. If I remember correctly it was a Sig Kadet. We built the airplane together and learned a lot in the process. Unfortunately at the time there was no club and no instructors in the area so we tried to teach ourselves to fly. Needless to say we didn't have much success. Undaunted by our lack of progress in learning to fly, I decided I wanted to have my own airplane. I proceeded to the local hobby store about 30 miles away and bought the kit that the person behind the counter recommended. It was the Midwest Sweet Stik. I built the kit and then spent the next couple of years trying to get the thing to fly and spent many hours in the shop rebuilding the fuselage after all the crashes. In 1986 I joined the Navy and that ended my flying for the next six years although I still maintained an interest in the hobby. In about 1990,

while I was still in the Navy, I bought a Goldberg Eagle 63 kit and put it together in about a week. It wouldn't be until I got out of the Navy two years later that the Eagle 63 got its first flight and I began again to teach myself to fly. The process went a little better with the Eagle 63 but in the end there was still many hours spent in the shop rebuilding parts of the airplane. I graduated from college in December 1996 and in January 1997 started my job here at Rockwell Collins (then called Rockwell International). During my interview I heard about the company-sponsored R/C club. At the new employee get-together that was held at the rec center I met a couple of members from the club that had a display table set up and got some information about how to join. I paid my dues at the March 1997 meeting and became a member of CMA. I spent the next couple of years in flight training under the watchful eye of the CMA flight instructors and soloed on May 29th, 1999. Since then I have been a regular at the CMA field and have logged many, many hours of flying time. It was a long 16 year road from building the first kit to finally soloing, but it was educational and a whole lot of fun along the way. I hope to continue this hobby for many decades to come. When I finally die at the ripe old age of 127 they will have to pry the Xacto knife from one hand and the bottle of CA from the other.

Now on to some club business. I apologize for letting last month's meeting run on so long, but I was trying to get a feel for what activities the club would like to do this year. There also were a few things I wanted to give the club a heads-up on and some beginning of the year items to take care of. I will try to keep a tighter reign on things in the future. If anyone has any ideas on events that we should have or any input into anything else, please don't hesitate to let me know. This is your club and the officers are here to serve the wishes of the members.

In accordance with the "new tradition" of how the fun fly coordinators are appointed, I am also this year's fun fly coordinator. As such, I would like to have three fun flys. I haven't chosen dates for these yet, but I was thinking the first one would be the first part of June, the fall picnic would be the end of August or the first part of September, and the second one would be about half way in between. The beauty contest date has been chosen to be April 18th. Start thinking about getting those new planes finished and the old ones polished up. Other events will probably be the 'bring your child to work day' display and the Fairfield event. Both of these events went extremely well last year and I am anticipating being invited to return again this year.

Anyone else out there get a flight in each month of 2001 for the All Season Flier patch? The club will be ordering patches for those that qualify, so notify Larry Kerns or myself if you earned one. I logged a total of 244 flights for the 2001 calendar year. For all of you 'One Season Fliers' out there, I encourage you to try flying throughout the year. This hobby is too much fun and the investment of time and money we put into building our planes and learning to fly them is too great to limit flying activities to just a few short summer months. Going out to the field once in a while in the winter to get in a few flights works wonders to relieve the monotony that we sometimes get into this time of year and is great for getting rid of cabin fever. Most of the time no special equipment is required, especially this year where there hasn't been much snow. If the snow does get to be a problem skis are readily available and easy to install. If you don't want to mess around with the fuel or even the skis, electric planes are a great alternative.

If you haven't paid your 2002 dues yet, get your money and form to Larry Kerns ASAP.

See you at the field!

Steve Plantenberg
CMA President

January Build Session

The January build session was reasonably attended. The club had previously voted to have pizza delivered to the build session for January only since it was a double night, i.e. meeting and build session in one. The pizza was excellent and I have included a couple of photos below to show the good time had by all.

Meeting Minutes

1 December, 2001

Old Business

The meeting was called to order by CMA's President, Dave Shema. Only 5 members were in attendance.

The Treasurer's Report was given by Larry Kerns. Larry reported that the amount of company funding would not be known for the coming year until sometime after the first of November. To date, only Crist Rigotti had nenewed his membership for the year. Mark Woytassek renewed at the meeting..

New Business

Nominations for the club's offices were opened with the following results:

Officer Position	Nominees
President	Steve Plantenberg John Michael
Vice President	Mark Woytassek Dave Shema
Secretary/Treasurer	Larry Kerns (incumbent)

Following club officer nominations, Larry Kerns opened a general discussion about the possibility of acquiring some non-flying tools/construction aids for members to checkout and use. Some suggested items were a wing alignment jig, balancing jig, Top Flight's "how to" monokote video and so on. The idea was well received by those present and will be investigated.

In addition, Larry also suggested organizing a club plans library from models built by the members for reference. Mark Woytassek said he had liked this idea for quite some time and it will also be pursued as a possibility for the coming year.

Mark Woytassek brought up the idea of group buys throughout the year. He said that this was once a common event in the club. If someone needed a common item (for instance he needs ~10 rolls of ultra-coat), then a general call for a group buy opportunity would go out. The person calling the group buy would be responsible for gathering details about how much would be saved and arranging the buy with the vendor. Everyone in attendance thought this was a good idea.

Mark also suggested the possibility of a club trip to SIG.

The question came up as to whether the club still had access to company assets such as copying machines, especially for such things as copying model plan sheets. Dave Shema volunteered to check into this starting with Sandy Strike (our company liaison).

Dave was also going to check with Jamie Johnson on the progress made on the static airplane model (F14 Tomcat). Jamie has been working on a non-flying r/c model of the Tomcat for static display in the company cafeteria at main plant.

There was a discussion about starting the newsletter up again. As many of you know, our former long-time newsletter editor Jim Doty had to cease production of the newsletter because of time constraints (and since he was no longer a club member, this seemed reasonable). Larry Kerns volunteered to take over the newsletter but emphasized that the quality of the publication would be directly related to the participation from the membership in obtaining material to print. Larry stated that he had published a computer club newsletter for Rockwell Collins in Dallas for over 8 years. He will get in touch with Jim to effect the turnover.

Respectfully submitted,

Larry Kerns
CMA Secretary/Treasurer

Meeting Minutes

10 January, 2002

Old Business:

1. Dave Shema announced that he had made Cafeteria reservations for the 1st and 2nd Thursdays of the month for the remainder of the year.
2. July 4th meeting will be held on July 11th (2nd Thursday) instead.
3. Steve Plantenberg will obtain a date that the cafeteria is free for the CMA Beauty Contest. (not near a holiday weekend if possible!)
4. Steve also asked about interest in club participation in the Skyhawk's swapmeet on 24 Feb. The membership seemed to agree that if individuals wanted to participate, ok, but not funded by club.
5. Newsletter was not put out in December due to pre-holiday job commitments but will be put out in January.

New Business:

1. The CMA membership in attendance made some decisions on club appointed positions:
   a. Field Marshall: Mark Woytassek
   b. Newsletter: Larry Kerns
   c. Website: Dave Shema
   d. Safety Officer: Jamie Johnson
   e. Head Flight Instructor: TBA

2. AMA now has a new change required for the club's bylaws. We must have the changes in place by the end of this Calendar year in order to comply with the AMA deadline for existing clubs next year.

3. There were some general discussions about the coming year's budget.

   a. Steve Plantenburg asked for a membership count as to the number of fun flys to host this year. The membership supported three, one in Spring, one in mid-summer and one in late

Fall. It was suggested that instead of a lot of expensive prizes that we provide fuel for all and a porta-potti.

b. Larry Kerns brought up the subject of acquiring club "assessts" in the form of non-flying tools and construction aids as well as "how-to" videos such as the Top Flight monokote video for members to check out. The items would be checked out and managed in the same way that the woodworkers club does it (via the internet). Dave Shema had also suggested that we try to obtain a PC from the IT department to be used for club meetings for the flight simulator, etc. Larry Kerns took action items to contact IT about a PC and facilities about a place to store the PC and other assets, preferrably near the Main Plant Cafeteria.
c. There will no longer be door prizes given away at the meetings
d. Everyone decided that demos needed to make a comeback at the meetings. It was pointed out, of course, that member volunteers for demos was essential to that desire.
e. Steve stated that we would need to have a budget planning meeting soon. No date was set.
f. The club membership in attendance decided to have the Martinson's Dinner in March. The exact date is still TBA. We also agreed to a general CMA club night out with the wives.
g. Dave Shema moved to have Larry Kerns by buy and keep in stock a reserve of commonly used patches from the AMA such as the all season flyer and date patches. Jamie Johnson seconded and the membership approved the buy unamimously.
h. Larry Kerns asked all members to come by and show him their current 2002 AMA registration cards.
i. There was a general suggestion about trying to get all of the area clubs (as many as 8) together to approach the city about a flying park or at least a decent field for the club's to use. Various potential locations for the field were discussed. It was emphasized that this in no way impacts our current flying field use. This would merely provide an alternative field closer in. Dave Shema took an action item to talk to the Skyhawks about get something organized. Evidently, politics between area clubs may play a big part in this ideas success.
j. Dave Shema won the door prize for the day. There will be no further door prizes given at the meetings.
k. Doug Emerson moved to adjourn the meeting and Dave Shema seconded. Meeting was adjourned.

Respectfully submitted,

Larry Kerns
CMA Secretary/Treasurer

Heads Up, CMA Activities

February 2002

7-Feb 5-6 PM Meeting
14-Feb 6-9 PM Build session
22-Feb 5:00 PM Flightline deadline

CMA voice bulletin board 295-8888

✍ Send your input for FlightLine to:

Larry W. Kerns
MS 107-140 x5-7157
lwkerns@collins.rockwell.com

Or at my home EMAIL

larrykerns@mcleodusa.net

AMA events web page:
http://www.modelaircraft.org/Comp/Contest.htm

For an AMA membership application:
http://modelaircraft.org/Mem/Memapp.htm

Send your input for the CMA Web Page to:

Dave Shema x5-9543
dkshema@rockwellcollins.com

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Safety Officer: Crist Rigotti 295-0612
Web Page Editor: Steve Plantenberg 295-9625
Senior Flight Instructors and Test Pilots
First flights of new airplanes: .....Frank Gutierrez
Mark Woytassek

First flights of new helicopters: .....Crist Rigotti

Flight Instructor: Steve Plantenberg

Flight Instructors in training: Irv Anderson
Jamie Johnson

For membership information:
Contact: CMA Secretary Larry W Kerns