

# FlightLine

A Monthly Publication of Collins Model Aviators

April 1997



**April's Featured Model — John Crilley's Sig Citabria RC-30**

## Reminders:

- April's CMA meeting is on Thursday the 3<sup>rd</sup> in the main plant cafeteria at 5:00 p.m..
- Monday April 7<sup>th</sup> the Brown-Bag Beauty Contest and Model Display will be held from 11:30 to 1:00pm in the 106 Auditorium
- The First day at the field break-in and training session (and field clean up) will be held from 6:00 p.m. until dark on Tuesday April 8<sup>th</sup> (weather permitting)

**April's Featured Model:** John Crilley was kind enough to send me some pictures and a short article on his Sig Citabria RC-30. The hard work that went into this model really shows in the trim details. For more about the Citabria,

see Sig Citabria RC-30 on page 2

James H. Doty, FlightLine Editor ➔

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**John Crilley's Sig Citabria RC-30. All the work in trim details really payed off.  
It looks like you could climb right in and take off.**

## Sig Citabria RC-30

by John Crilley

My Citabria made its maiden Flight September 3<sup>rd</sup>, 1996 at the CMA field, piloted by Rich Dean. After a few minor adjustments it took to the air and flew great. It made two more flights on September 10<sup>th</sup>, 1996, both of which were very successful. After that, the weather wasn't very kind to flying, so I put it away until next Spring.

I purchased the Sig Citabria RC-30 kit, and all the other components, at R/C Adventures. The Citabria has a wing span of 69 inches, a wing area of 740 square inches, and a length of 47 inches. I used a Saito FA-50 4-stroke engine swinging a 11-7 prop.

I covered the plane with white Ultracote trimmed with Sig Medium Blue dope, trim sheet, and striping. I finished off the project with a Hitec Focus 4 radio.

The Citabria was a very time consuming project, but the results were very satisfying. It looks and flies great.

John P. Crilley ➔

## From the President

by John Michael

Last month when I wrote this column we were just starting to see signs of spring. This month the sights and sounds of spring are getting much more noticeable. Winter is still making its last few noises, but spring is on the way. We'll be flying soon.

We just had our last build session of the winter season. Besides flying I think the build sessions are my favorite activity. It's been fun seeing the same airplanes show up each month, each month having them a little closer to completion. I think those of us who have been regulars on the second Thursday evening have had a little unspoken competition, trying to make sure that the model we're building has made some progress since the last time.

It's been fun, and I've learned a lot. I'd like to thank Rich Dean and all the others who have spent time at the build sessions for their time and effort spent with all the rest of us as we continue to learn the finer points of model building. I think we've all been able to help each other in some way.

In case you haven't noticed in other places of this newsletter, CMA is having a Brown Bag/Beauty Contest in the 106 auditorium on April 7. We discussed this event for some length at the last meeting, and have been able to work out many of the

details. The basic rule is: come and bring your airplane(s). If you have never entered your airplane in a previous beauty contest you can enter it in this one. Airplanes not in the beauty contest are for display, and we need lots of those also.

We're also hoping to have an R/C flight simulator set up, and some other things of interest. If you have anything you want to display, you are welcome to bring it. At the April meeting (April 3) we'll finalize all the details. We also need to have a good idea of who is bringing an airplane so we can tell Sandi, who will let the guards know.

The other event of interest is the day after the Brown Bag. On April 8, weather permitting, we are going to meet at the field for the official field cleanup/opening. It would be great to see a large crowd there. The field should not take a lot of cleaning up, so bring your airplane and we'll check out the flying.

I hope to see everyone at the April meeting. Till then, happy flying.

John Michael, CMA President →

## **CMA Meeting Minutes**

by David Gillespie

**Minutes of CMA meeting: 3/6/1997**

The third meeting of the new year, was called to order by President John Michael.

### **OLD BUSINESS:**

Brought up the decision on selling the Sturdy Birdie, Tom DeWulf did not get a chance to take the plane to the swap meet at Palo 2/23/97. He will try and take the plane to R/C Adventures.

Inquired if Rich Dean had picked up the engine for our new club trainer. Rich had picked it up along with the covering for the plane. He had turned in the receipt to Sandi, and he gave me a copy.

I asked Bryan Smith if he had a flier to hand out to secretaries ( to post on bulletin board) completed yet. He did have one, and gave it to John Michael to distribute.

John Michael had brought up the brown bag coming up, at the last meeting, nothing was finalized.

I read off the names of the visitors at the last meeting and the new members. Unfortunately, I was not able to get an updated financial report from Sandi Strike.

John Michael asked if I had paid the field rent. I said that Dwayne Smith and myself, paid for the rent the Friday after last meeting.

### **NEW BUSINESS:**

The membership cards are in. Those members who were not able to come to this month's meeting can get them by E-Mailing: [djgilles@cacd.rockwell.com](mailto:djgilles@cacd.rockwell.com), or Internet e-mail: [djgillesp@worldnet.att.net](mailto:djgillesp@worldnet.att.net), or contacting me by phone at x58512. I will try to get it to you as soon as possible.

Mark Woytassek suggested that the club look into retiring our old wind sock and purchasing a new one. He estimated, a new sock could cost close to \$90.00. John Michael raised the motion to possibly replacing the wind sock, and I seconded the motion. The Motion had passed. Rich Dean and Mark Woytassek volunteered to find out the price of a new one.

John Michael brought up the brown bag next month. Jim Doty had mentioned that our club has the 106 conference room reserved for Monday April 7<sup>th</sup>. The times for the brown bag will be from approximately 11:30am to 1:00pm. Any type of plane, new or old, is welcome. Nine members showed an interest in bringing a plane or two.

John Michael said that he could e-mail Sandi Strike some information to put on a flier for our brown bag. Jim Doty volunteered to make a poster for the brown bag and give it to Sandi Strike for distribution

John said he would send information to be put in A&C and RNN.

I had suggested showing the AMA video on model airplanes, and John Michael raised the motion to purchase the video, (approximately \$25.00). I seconded the motion. The motion passed. Mark Woytassek will try to purchase the video.

John Michael asked about a flight simulator, Mark Woytassek told the group that he would try to find someone with one for the event.

John Michael suggested that we might try to connect it up to a big screen TV that is located in the room. I mentioned that I would try to use a VGA to TV converter that we have in our building.

Jim Doty mentioned that Sandi Strike would like a list of people who will be bringing in things for the brown bag.

Mark Woytassek joked that we start an engine at the brown bag. Of course, that would probably make this the last brown bag event for the CMA. Too bad, it would be an opportune time for Rich Dean to break in the new Super Tiger 45 that he purchased for the club trainer ☺.

I mentioned that I had received the club charter forms from Dwayne Smith. I had talked with John Michael and Dwayne Smith after the meeting, about how and what to fill out. I will try to have them sent off by 3/15/97.

John Michael mentioned that after the meeting, Rich Dean was to have a quick lesson on the different types of two-cycle motors, and the care and feeding of your airplane's engine.

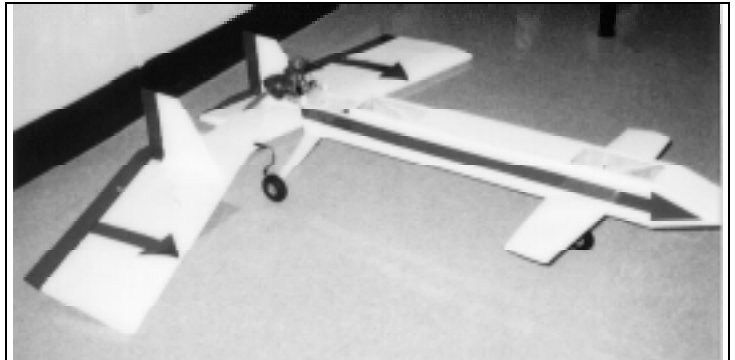
Secretaries note: Rich Dean did an excellent job on the finer points of model airplane engine maintenance, adjustments, tips, and history. Thanks again Rich, I learned a great deal! I know it will help in the future.

Just like an automotive engine, these are high precision machines and need some understanding to

fully optimize their ability, and Rich Dean did an excellent job explaining them. Lets go flying!

The meeting was adjourned.

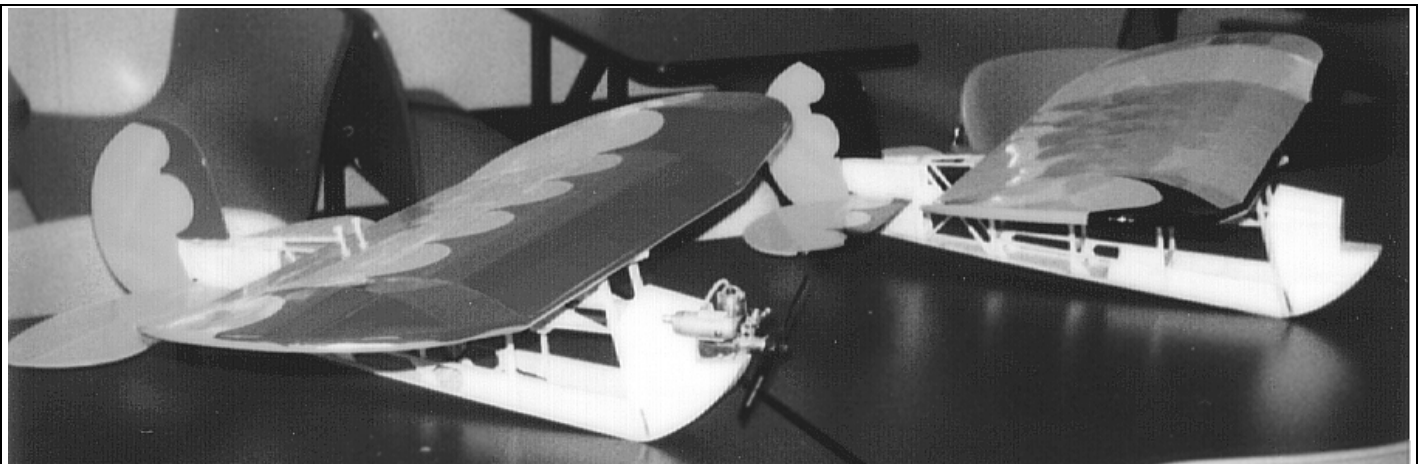
David Gillespie, CMA Secretary ➔



Noah Misner's innovative pusher was at the build session again. The design is so unconventional that Noah put arrows on the fuselage and wing to remind observers which way it is supposed to fly ☺

## **March's build session** by Rich Dean

The final build session for the winter is history. Several planes are looking pretty much done and are getting ready for the 1997 Beauty Contest.



Rich Dean's (left) and John Michael's (right) Lazy Bees at the March Build Session. Both had their wings and tails covered and were about ready to start covering their fuselages.

Noah Misner had his forward swept wing canard at the build session with arrows on it to remind observers which way it is supposed to be flying.

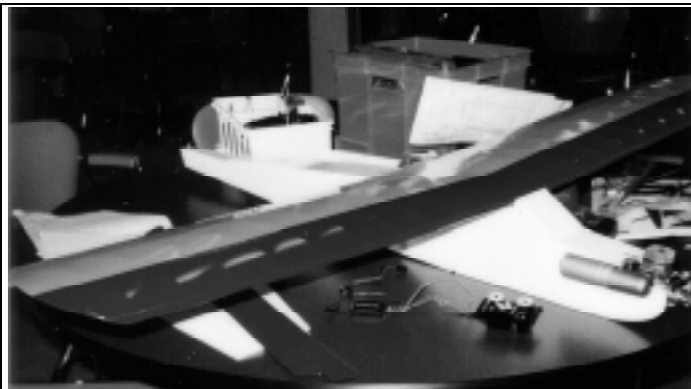
Basil Tilley had his BIG Lazy Bee. Basil thought John's wing would make a suitable stab for his BIG Lazy Bee!



Basil and John compare their Lazy Bee wings.  
Does size matter in R/C modeling?

Dan Cooley Had his LT-40 and it looked like all that was needed for completion was for the tailfeathers to be stuck on and the radio gear to be installed. Good covering job for the first time on his plane.

Ehren and Floyd Van Auken brought their new Easy Fly 40. The plane went through a pre-flight and will be ready to fly very soon.

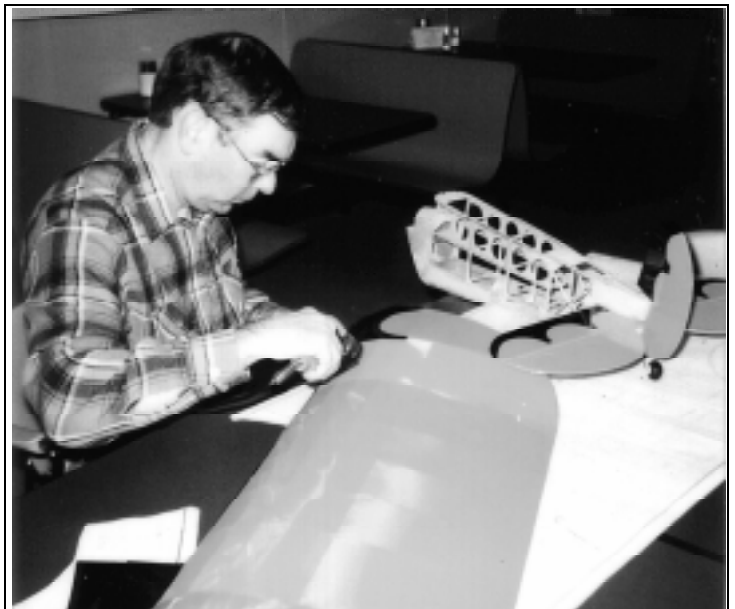


Dan Cooley's LT-40. It already had the wing and fuselage covered.

John Michael and I had our small Lazy Bees there. We both had our wings and tails covered, and were about ready to start on the fuselage.



Ehren and Floyd Van Auken and their new Easy Fly 40. With pre-flight over its almost ready to fly



John Michael adds trim to the wing of his Lazy Bee

Tom DeWulf showed up for a while and showed off his latest multi-axis flight monitor/control system. He has a lot of electronics on board for experimenting with this summer.

Duane Smith was working on tailfeathers for a twin engined LT-40 project, and his son Brian was working on a wing for his P-51 project.

There were also some observers that came through to see the projects underway and get information and ideas for future projects.

It has been a fun winter meeting once a month with the guys at the build sessions and I can't wait to see them in the air.

So...cycle your batteries, get an extra prop and glow plug. Preflight your planes and tighten props that may have compressed a little over the winter. This time next month we will be flying!

Rich Dean, Build Session Coordinator ➔

## FOR SALE, STURDY BIRDY



**Former Club Trainer.**

**Good condition**

**\$70.00 or Best Offer**

**Ready to Fly (less engine and radio)**

Radio required: 4 channel	Wingspan: 53"
Engine: .20 to .30 2-stroke	Wing Area: 503 in <sup>2</sup>
Weight: 4 lb	Dihedral: 11°

**Contact: Tom DeWulf x5-4015  
for more information.**

## JUDGMENT IN LAWSUIT AGAINST SFA

**AMA press release:**

Litigation in the United States District Court in Dallas County, Texas between AMA and SFA has been concluded by entry of a consent judgment in favor of AMA against SFA pursuant to which SFA is obligated to compensate AMA for attorneys' fees incurred by AMA in connection with prosecution of its claims against SFA. The consent judgment also enjoins SFA from engaging in negative advertising directed at AMA.

SFA made the business decision to accept this consent judgment in order to end the accrual of attorneys' fees, the attendant distraction from its core business, and the attendant devotion of its resources, both human and otherwise, to this litigation. Resolution of the lawsuit also involves an understanding that neither AMA nor SFA will further comment on the terms of the consent judgment or circumstances leading to its entry.

From the AMA web page:

<http://www.modelaircraft.org/sfa.htm> ➔

## AMA/EAA AEROMODELING ACADEMY DEBUTS IN JULY 1997

**AMA press release:**

Muncie, Indiana (March 18, 1997) A full week of hands-on experience building and flying model aircraft await 14-17 year-olds this summer during the inaugural AMA/EAA Aeromodeling Academy at the EAA Aviation Center in Oshkosh from July 12-17.

The Aeromodeling Academy, co-sponsored by the EAA Aviation Foundation and the Academy of Model Aeronautics (AMA), brings together experienced instructors with young people eager to learn more about this facet of flight. The residence camp features a balanced menu of aviation and recreational activities in the aviation-rich environment of the EAA Aviation Center.

"This new residence camp offers a unique entry point into the world of flight," said EAA Aviation Foundation President Tom Poberezny, "Aircraft modeling is an interest for thousands of young people

and is often a path to further exploration of a lifelong aviation interest. We are pleased to join with AMA to sponsor this new camp, helping to develop a new generation of aviation enthusiasts."

Camp registration is \$450. Transportation costs are the responsibility of individual campers and their parents/guardians. For more information and registration material, write or call:

AMA/EAA Aeromodeling Academy,  
PO Box 3065,  
Oshkosh WI 54903-3065.  
Phone: (414)426-6815 or  
fax: (414)426-6560.

The EAA Aviation Foundation was founded in 1962 and is dedicated to aviation education, preservation and research. Its headquarters are at the EAA Aviation Center in Oshkosh, Wisconsin.

**From the AMA web page:**

<http://www.modelaircraft.org/amaeaa.htm> ➔

## Local Events

### Float Fly

MAY 16-17-18

Site: Hannen Lake Park.  
In Blirstown, IA

Contact: Scott Grady  
2208 Mallory St SW  
Cedar Rapids, IA 52404  
phone: 319-366-4309.

Flying starts Fri afternoon.

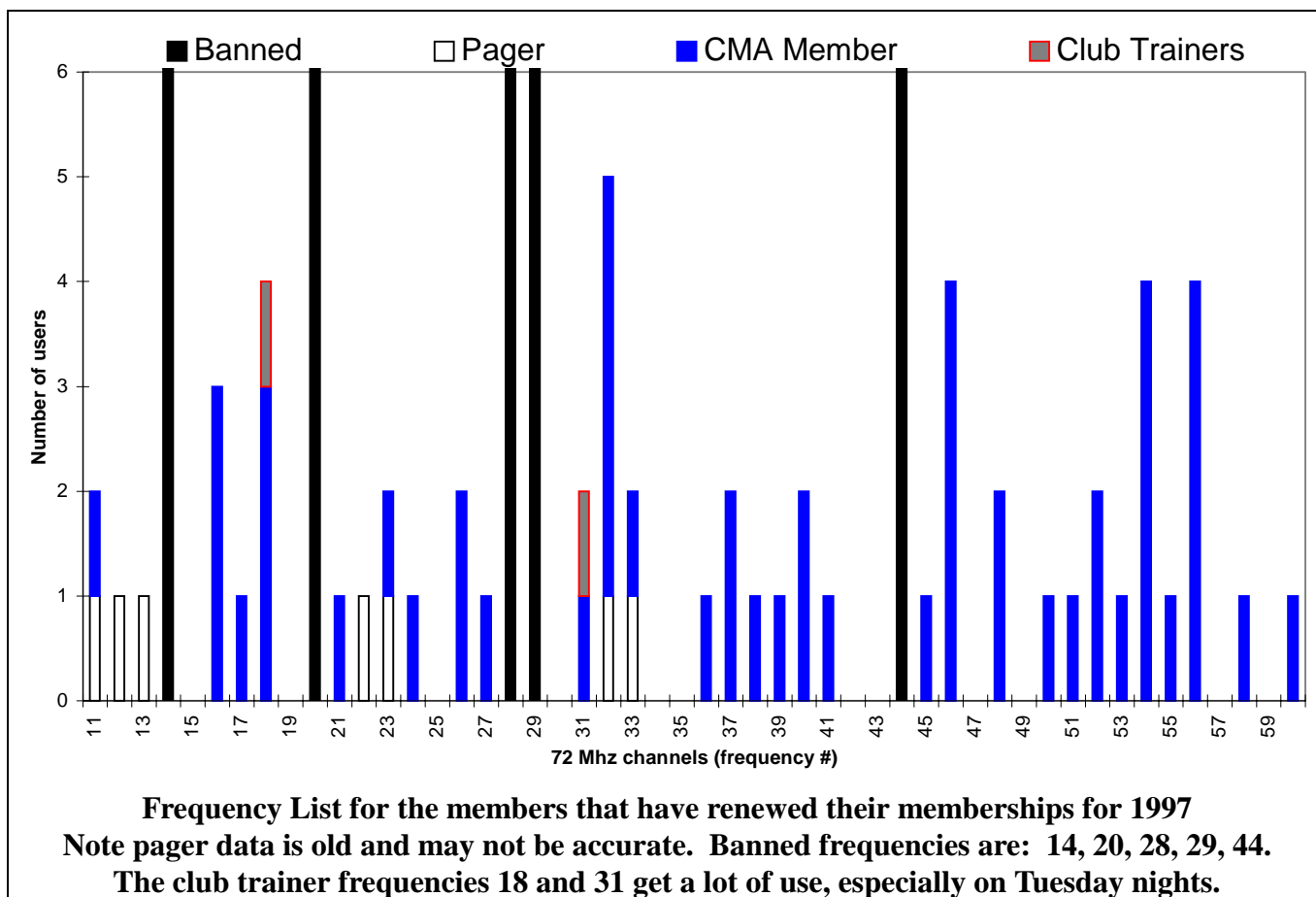
RC airplanes, boats, and sailboats welcome.

Mufflers required.

Lunch will be provided at noon Sat and Sun.

Plenty of camping available.

Sponsored by: Cedar Rapids Sky Hawks





## Heads Up, CMA Activities

Thursday, April 3, 5:00 pm—Club Meeting

Monday, April 7, 11:30 am - 1:00 pm— The First Annual Brown-Bag Beauty Contest and Model Display

### Schedule

Setup..... 11:30 - 11:45

Judging and displays..... 11:45 - 12:30

Awards..... 12:30 - 12:45

Cleanup ..... 12:45 - 1:00

Tuesday, April 8, 6:00 pm— First day at the field break-in session (Thursday April 10<sup>th</sup> rain day)

Friday, April 18, 5 pm—FlightLine Deadline

Thursday, May 1, 5:00 pm—Club Meeting

Friday, May 23, 5 pm—FlightLine Deadline

**Note:** Meetings and build sessions will be held in the 35th street N.E. Facility (main plant) Cafeteria building 140.

## 👉 For membership information:

Contact: David Gillespie

CMA Secretary/Treasurer

MS 153-163

x5-8512

djgilles@collins.rockwell.com

From AMA membership application:

<http://www.modelaircraft.org/Memapp.htm>

## 📅 CMA Activities 📅

On Monday April 7<sup>th</sup>

***The First Annual Brown-Bag Beauty Contest and Model Display***

in the 106 Cafeteria  
(Collins road Campus)

Contact: Jim Doty x5-2931,  
Brown-Bag Coordinator for Details.

On Tuesday April 8<sup>th</sup>

***The First day at the field break-in and training session (and field cleanup)***

At the CMA flying field  
(Sherman Air Field on Center Point Rd)

Rain date: Thursday April 10<sup>th</sup>

Contact: Rich Dean x5-8002,  
Flight Training Coordinator for Details.

### 🌟 1997 CMA Staff

**President:** John Michael..... x5-2914

**Vice President:** Bryan Wesner ... x5-3082

**Secretary/Treasurer:** David Gillespie.. x5-8512

**FlightLine Editor:** Jim Doty ..... x5-2931

**Web Page Editor:** Tom DeWulf ..... x5-4015

#### **Flight Instructors:**

Rich Dean

Dave Decker

Tom DeWulf

Dave Dillman

Mark Woytassek

#### **Flight Instructors in training:**

Irv Anderson

#### **Test Pilots for first flights of new airplanes:**

Rich Dean

Mark Woytassek

### ✍️ Send your input for FlightLine to:

James H. Doty

MS 124-300

x5-2931

jhdoty@collins.rockwell.com



### Send your input for the CMA Web Page to:

Tom DeWulf

x5-4015

tvdeWulf@cacd.rockwell.com



# *Come See Our Beauties*

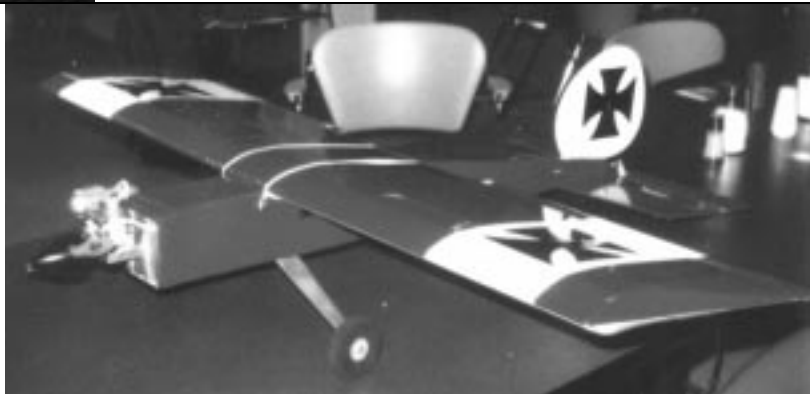
**Monday  
April 7<sup>th</sup>  
in the 106  
Auditorium**



**Model airplane displays  
New model Beauty  
contest  
Flight Simulator demo  
Flying video**

## **Schedule**

- Setup..... 11:30 - 11:45
- Model judging and displays....11:45 - 12:30
- Awards .....12:30 - 12:45
- Cleanup .... 12:45 - 1:00



**Stop by and see  
what the CMA is  
all about**

***Everyone is welcome***

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# 1997 CMA Membership

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<u>M/S</u>	<u>NAME</u>	<u>M/S</u>	<u>NAME</u>
108-103.....	Irvin Anderson	108-136.....	David Neu
108-166.....	Geoffrey Barrance	108-136.....	Patrick Neu
124-111 .....	Alan Bechtold	137-136.....	Marion Payne
124-111 .....	Bob Buschette	108-175 .....	Elio Piccmenti
137-109.....	Brian Collins	137-152 .....	Steve Plantenberg
124-111 .....	Dan Cooley	164-100.....	Crist Rigotti
124-115 .....	Rich Dean	124-123 .....	Wayne Savold
153-264.....	Tom DeWulf	108-136.....	Duane Smith
153-163.....	Dave Dillman	108-136.....	Brian Smith
124-300.....	James Doty	105-152 .....	Basil Tilley
106-183.....	Mike Eastman	137-101 .....	Steve Timm
153-264.....	Doug Emerson	107-140 .....	Floyd Van Auken
153-163.....	David Gillespie	107-140 .....	Floyd Van Auken (for Ehren)
153-163.....	David Gillespie (for James)	139-142 .....	Charles Ward
153-163.....	David Gillespie (for Amy)	153-264 .....	Bryan Wesner
108-166.....	David Mason	153-264.....	Bryan Wesner (for Michael)
108-166.....	John Michael	107-110 .....	Victor Wolfe
108-166.....	John Michael (for Kevin)	124-115 .....	Mark Woytassek
105-167.....	Noah Misner		

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Mike Crilley  
2090 F Ave. NW  
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John Crilley  
2540 Second Ave  
Marion, IA 52302

Jack Morgan  
1209 Raney Street  
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