

# FlightLine

A Monthly Publication of Collins Model Aviators

June 1999

## Reminders:

- Next CMA meeting is Thursday June 3<sup>rd</sup> at Martinson Sod Farm



**Basil Tilley's Piper J3 cub with modified wing and flaps at the CMA Beauty Contest  
See page 5 for more Beauty Contest photos**

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CMA Web Page Addresses:

<http://bbs.cacd.rockwell.com/data/clubs/cma/>  
<http://members.aol.com/cmaflightl>



Collins Model Aviators  
Academy of Model Aeronautics  
Charter Club #3257



## President's Column

By Frank Gutierrez

**JUNE 3<sup>rd</sup> 5:30pm CMA MEETING at Martinson Sod Farm.** You will be notified one-day prior of any change due to weather. The voice bulletin board will be updated with meeting information as well. (295-8888)

Be sure to get your ballots in by the June 3<sup>rd</sup> meeting and don't forget to pack your planes. I expect this meeting will be a fairly quick one.

The flying season is here and many members have been taking advantage of the good bits of weather this spring. The more times I travel out to the flying site, the shorter the distance seems. Maybe it's because I know my way now. The kids and I have been getting in a bit of flying in here and there.

The dirt roadway to the flying site area on the Martinson Sod Farm has been muddy with the rain in May. Remember to get out and test the ground before driving on the dirt even if there was rain a few days prior to flying. Cones may be in front of the path if it's too muddy but don't count on it. It's not a big inconvenience to walk to the flying site from the parking lot as I have done this.

So far I have been able to get flights in each month this year. I am looking forward to getting the AMA all season patch and I am planning my summer project for this winter's flying. It will be the Slow Motion Semitar tailless airplane with an electric motor. One set of wings has been cut for this bird from foam. Geoff got the first set and I will be taking on the same project around mid summer.

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Our planes may be modified to suit our own inventive personality therefore being similar in basic design only. This spring has also kept us busy building new and or making small repairs to our airplanes.

Some of you old timers out there might remember the M.E.N. Trainer from Mr. Gerald D. Jarvis of Norwalk, CT. (203) 846-9932. He is (e.g. founded and owns) Model Engineering of Norwalk (a.k.a. M.E.N.). I believe he designed and sold the kit starting in 1977. It was kited using Philippine Mahogany sides with undercamber balsa ribbed wings and spruce spars. The one in the picture was my first R/C airplane.

Picture taken in Hawaii 1979.



Up until this point I had only built and flown control line models up to .35 size. Although the plane isn't in production anymore, Gerry is still kiting the plane per individual request so I called Gerry this month and ordered the kit.

The plane flies very slow and has lots of lift and drag to spare due to the airfoil shape. Point it down and it will pull itself out of the dive without speeding up significantly. It is a three-channel plane that can be comfortably flown with very little effort. I used a World Engines radio (the same one that is now my pc trainer) to fly the plane. It's fun to watch it fly backward or hang in a light wind. It got me started in R/C and was a great trainer. It is so forgiving that many people early on learned how to fly R/C on their own with this plane. As I remember it was a bit



difficult to land because it didn't want to come down. I got it within inches of the ground dead stick while gliding the plane the whole length of the runway and stopping when it hit the tall grass at the end. Mine had an O.S. 20, which was more than enough power to pull the plane from my hand and into the sky. A great plane for fun in the sun!

See you at the Flying Site!



**A closer look at Frank's RCM-40**

Frank Gutierrez, CMA President →

## **CMA Meeting Minutes**

By Doug Emerson

### **May 6, 1999 Minutes**

Frank Gutierrez called the meeting to order. There were 22 members and one guest in attendance. The minutes were approved with two changes. Doug Emerson gave the treasury report. There is \$1045 in the treasury. Dan Cooley said he has some expense reports that are still in process.

#### **Old Business:**

Frank commended Geoff Barrance and Rich Dean for their contributions to the May FlightLine articles. Winners of the Beauty Contest were asked to provide basic information about their airplanes to Jim Doty for inclusion in next months FlightLine. Hobby store gift certificates were awarded to the Beauty contest winners. Prizes included \$25 for 1st place, \$15 for 2nd place and \$10 for 3rd place.

Frank reported that the voice bulletin board has been updated, but Rich Dean said that it still needs work. The need for a frequency box at the flying field was discussed. Dan Cooley and Irv Anderson FlightLine

volunteered to build a box that will hold the frequency clips and first aid kit. Mark Woytassek reported that he scanned the flying site frequency spectrum and found no frequency conflicts.

There was some discussion about possible summer fun fly activities in addition to the planned year-end fun fly and picnic. Dwane Smith made a motion that was seconded by John Michaels to form an activity committee to continue the discussion, explore other possibilities and report back at the next meeting. The motion passed. The following people volunteered to serve on this committee: Rich Dean, John Michael, Dwane Smith, and Jamie Johnson.

A letter that Frank Guterrez received from Employee Services was passed out and discussed. The main point of the letter stated that the Rockwell Collins Recreation Program requires that the CMA bylaws not contain a ban against rotary wing aircraft. Safety problems or other conflicts with different style of aircraft should be regulated with field rules. Frank passed out a revised paragraph 6.1 Access to the bylaws that would bring us in compliance with the required changes by Employee Services. Mark Woytassek made a motion that was seconded by Marion Payne to accept the proposed changes to the bylaw paragraph. The motion passed. Since this is a bylaws change, incorporation of the change will require a vote of the entire membership.

Frank passed out a draft set of proposed field Rules. It was decided to make the field rules specific to the Martinson Sod Farm flying site since this is the only current CMA flying field. Changes were made to the draft during the meeting. The final version is listed at the end of the minutes. Gary Owen made a motion that the field rules as changed during the meeting be approved. Mark Woytassek seconded the motion and the motion passed.

Rich Dean brought up a safety issue at the new flying site. With the current location of the sprinkler, field rules require refueling in the dirt



on one side of the irrigation sprinkler and flying on the other side. Some flyers start their planes where they refuel and then carry their aircraft over the irrigation sprinkler. He suggested that we discuss the possibility of allowing refueling on the grass with the owner if the pilot uses some type of overflow protection.

The vote on the bylaws changes that have been in process since the last meeting was counted. All proposed changes passed except for paragraph 6.3.2 Special-event field rules and 7.0 Flight Training

The new bylaws will be published on the CMA web page.

Rich Dean questioned whether provisional members can vote. The bylaws were reviewed and discussed. No decision was reached, but it was decided that this area should be cleared up in the future by revising paragraph 3.1.1 of the bylaws.

#### **New Business:**

Mark Woytassek suggested that CMA do several things throughout the year for the Martinson Sod Farm to show our appreciation for providing the flying site. The following ideas were discussed: gift certificates, a sign, windsock, and an aerial photo.

The meeting was adjourned.

Doug Emerson, CMA Secretary →

## **CMA Sod Farm Rules**

### **Field Rules For Martinson Sod Farm**

1. 1991 Qualified Radios are required.
2. You must have AMA Insurance.
3. No flying behind the flightline.
4. Absolutely no alcoholic beverages.
5. No smoking due to potential fire hazard.
6. All trash leaves with you.
7. You must abide by the frequency management plan. (Don't turn your transmitter on unless you have the correct frequency flag.)
8. Engine starting, takeoffs, landings, deadsticks, and low passes must be announced.
9. High-speed low altitude passes must stay beyond 50 feet of the established flightline.
10. Practice low approaches approved for normal runway centerline.
11. No takeoffs and landings closer than 20 feet from established pilot stations.
12. Direct airplane blast and exhaust away from other airplanes in the pit, spectators, and pilots.
13. First flights of new or rebuilt airplanes must be announced.
14. No pets allowed.
15. Mufflers are required on all engines larger than .09.
16. Helicopters are disallowed at the Martinson Sod Farm flying site.
17. Make sure the first aid kit is readily available.
18. Obey the specific rules provided by the field owner, Larry Martinson.

Adopted May 6<sup>th</sup> 1999 →



## CMA Beauty Contest Photos

Photos are from Kyle Chapman's computer:  
Ccari015138



Doug Emmerson's Citabria. This airplane was built from a Midwest kit. It has a wingspan of 81 inches and weighs about 8 1/2 lbs. Doug put a OS 4-stroke FS 91 engine on it. It has four channels of control.



The aileron setup is a bit unique in that it has separate servo's mounted in each wing that are connected in parallel. The semi symmetrical wing gives it gentle slow flying as well as aerobatic capabilities. The name was derived by spelling airbatic backwards. Doug earned first placed in the CMA Beauty Contest Scale category.



**Rich Dean's scale ARMY Beaver**



**Geoff Barrance's Supermarine race plane based on a Sig Four-star 40 kit**



**Jim Doty used his Super Sportster and an oscilloscope to show how the transmitter pulses control the servos**



**Basil Tilley's huge Piper J3 Cub was "big" hit at the Beauty contest**



**Kyle Chapman's Eagle II trainer**



**Rich Dean and Duane Smith's Islander twin based on the popular Sig LT-40 trainer**



**Rich Dean showed off his Sig LT-25, see his article in last month's FlightLine for details**



**Geoff Bartance's Buckner Jungmeister took second place in the scale category**



**Steve Plantenberg's Sweet Stick came in first in the Sport category**



**Geoff Barrance's amazing Profile Hots**

## The Fuel and the Mud

By Frank Gutierrez

I spoke with the owner (Larry Martinson) [on 5/20/99] about fueling on the flightline side of the irrigation pipe. We can fuel in the grass as long as we capture the fuel overflow. This could be done by using a container, a mat, or both. Use common sense so that no fuel gets on the grass.

It was recognized at the last meeting that stepping over the irrigation pipe is a safety hazard.

Especially with a running engine! Fueling in the grass should help us in pit operations. If anyone forgets to bring an overflow container you can squirt it into mine. I am sure I could collect at least a couple of tanks of fuel by the end of the season.

A word about the dirt path to the flying area. First person out should check the path. If muddy, don't drive. It will be up to us to help each other and Larry in this. If it is not driveable then we need to mark/block the path so other arriving members will know to park on the gravel. Larry doesn't have extra cones to block the drive at this time. I am sure a car will get the point across. I did this with my car Tuesday of last week but we were the only ones there.

Frank Gutierrez, CMA President →

## Heads Up, CMA Activities

### June 1999

- 1-Jun 5-? PM Basic airplane training
- 3-Jun 5-6 PM Meeting at Martinson Sod Farm**
- 3-Jun 6-? PM Advanced airplane training
- 8-Jun 5-? PM Basic airplane training
- 10-Jun 5-? PM Advanced airplane training
- 15-Jun 5-? PM Basic airplane training
- 17-Jun 5-? PM Advanced airplane training
- 18-Jun 5:00 PM Flightline deadline
- 22-Jun 5-? PM Basic airplane training
- 24-Jun 5-? PM Advanced airplane training
- 29-Jun 5-? PM Basic airplane training

### July

FlightLine



### 1-Jul 5-6 PM Meeting

- 1-Jul 6-? PM Advanced airplane training
- 6-Jul 5-? PM Basic airplane training
- 8-Jul 5-? PM Advanced airplane training
- 13-Jul 5-? PM Basic airplane training
- 15-Jul 5-? PM Advanced airplane training
- 20-Jul 5-? PM Basic airplane training
- 22-Jul 5-? PM Advanced airplane training
- 23-Jul 5:00 PM Flightline deadline**
- 27-Jul 5-? PM Basic airplane training
- 29-Jul 5-? PM Advanced airplane training

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

### Local events:

**6/06/99** -Grundy Center, IA (C) Lynch Memorial Fly-In. Site: Airport. Leroy Satterlee CD, 1805 Lark Lane, Waterloo, IA50701. PH: 319-233-1487. A non-competitive fly-in honoring a departed club member. Prizes will be awarded by drawing from the participant list. Food available on site. Sponsor: GRUNDY COUNTY LOST SIGNALS R/C

**6/06/99** -New Hartford, IA (C-Restricted) 1st Annual Big Bird Fly-In. Site: Club Field. Robert Nelson CD, 433 Ardmore Waterloo IA 50701 PH:319-233-4771. Sponsor: BLACKHAWKS RC PILOTS

**6/12/99 - 6/13/99** -Ottumwa, IA (C) S.E. Iowa Big Wings IMAA. Site: Ron Beasley CD, 1906 N. Court St. Ottumwa, IA52501. PH: 515-684-4375. Sponsor: OTTUMWA R/C FLYERS

**6/19/99 - 6/20/99** -Montezuma, IA (C) SIG 25th Annual Fly-In. Site: SIG Field. Al Grier CD, 13003 Castlebar Dr. Sun City West, AZ 85375. PH: 602-546-2205. SIGS 25th Annual Fun Fly! Don't miss this great event. Expert and Novice will enjoy the events we have scheduled (SIG models only, except 1/4 scale). No entry fee, and everyone that fly's wins! Contact SIG Mfg. for events and rules @ 401-7 Front St., Montezuma, IA 50171. Sponsor: SIG MFG AND DESMOINES AEROMODELERS

**6/26/99 - 6/27/99** Montezuma, IA (AAA) SIG CL Championships for 319, 320, 321(JS)(O) and 323,

324, 325, 326, 330(JSO). Site: SIG Field. Mike Gretz CD, PO Box 162 Montezuma, IA 50171 PH:515-623-5772. SIG Skyray 35 carrier (JS)(O), SIG Skyray 35 sport race (novice)(O), Old time stunt(JSO), classic stunt(JSO), 75 mph combat(JS)(O). Sponsor: SIG MANUFACTURING CO INC

**6/27/99** -Grimes, IA (C) SAM Old Timer. Site: Club W. Field. Al Grier CD, 13003 Castlebar Dr. Sun City West, AZ 85375. PH: 602-546-2205. SAM rules apply to all old timer models (R/C assist) 3 glights, 7 min max, 20 sec eng run. (35 sec for elec). Also A clumb and glide event for any type of model. (25 sec eng run, 10 min max, 3 flights).

Sponsor: DES MOINES MODELAIRES

**7/11/99** Lake Mills, IA (C) July Jubilee Fly In. Site: Lake Mills Airport. Delane Behr CD, 208 S. 4th Ave W, Lake Mills, IA 50450. PH: 515-592-4195. Lake Mills Airport 1 mile east of care center on South 10th Ave. East. No landing fee, no contest, just fun, drawing for prizes 11am to 5pm. Sponsor: JULY JUBILEE COMMITTEE

**7/17/99** DesMoines, IA (C) War Bird Fly In. Site: Club Field. Bob Baldus CD, 6719 Colby, Des Moines, IA 50311. PH: 515-255-8025. Sponsor: DES MOINES MODELAIRES

**7/18/99** Storm Lake, IA (C) Annual Summer Fun Fly. Site: Storm Lake Municipal Airport. Steve Swanson CD, 606 S. Main Street, Alta, IA 51002. PH: 712-749-5302. Time 10:00am until dark. Any size RC planes welcome. Limbo, egg drop, spot landing, bean carry. Fun fly event during the afternoon. Sponsor: NORTHWEST IOWA RC CLUB

**7/24/99** Davenport, IA (C) DRCS 4th Annual Fun Scale Meet. Site: Davenport Municipal Airport. Philip Vernon CD, 237 W 46th St Davenport, IA 52806 PH:319-386-8205. Models must be scale replica of full size aircraft.

Photo of subject is required. Models must fly to compete for major prizes. 3 classes - giant, military, civilian. Trophies awarded based on popular vote. Registration starts 8AM, open flying 10AM to 3PM. \$5 landing fee. Food! E-mail bigphil@acom.net, on the web at <http://www.netexpress.net/~syn23/drcs/> Sponsor: DAVENPORT RADIO CONTROL SOCIETY

For uptodate AMA events schedule see the AMA 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:

Steve Plantenberg x5-9625  
[scplante@cacd.rockwell.com](mailto:scplante@cacd.rockwell.com)

**CMA voice bulletin board**  
**Call 295-8888**  
**For flight and weather information**

✉ Send your input for FlightLine to:

James H. Doty  
MS 124-111  
x5-2931  
[jhdoty@collins.rockwell.com](mailto:jhdoty@collins.rockwell.com)

### 1999 CMA Staff

**President:** Frank Gutierrez....x5-0969  
**Vice President:** Dan Cooley .....x5-0401  
**Secretary/Treasurer:** Doug Emerson... 377-6971  
**Field Marshal** Rich Dean .....x5-8002  
**FlightLine Editor:** Jim Doty .....x5-2931  
**Web Page Editor:** Steve Plantenberg .x5-9625

**Senior Flight Instructors and Test Pilots for first flights of new airplanes:**

Rich Dean  
Frank Gutierrez  
Mark Woytassek

**Flight Instructors in training:**

Irv Anderson  
Ed DeRuiter

### **For membership information:**

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### **Flight Training**

**Flight Training started Tuesday April 27<sup>th</sup>**  
**Beginner training is held on Tuesday nights**  
**Thursdays are advanced training nights**

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# 1999 CMA Membership

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<u>NAME</u>	<u>M/S</u>
Irvin Anderson.....	108-103
Geoffrey Barrance .....	108-166
Larry Black.....	155-100
Kyle Chapman.....	124-111
Dan Cooley.....	124-300
Rich Dean.....	106-181
Vince Decker .....	124-300
Ed DeRuiter.....	124-300
Jim Doty .....	124-300
Frank Gutierrez III.....	108-166
Jamie Johnson .....	124-217
Chris Heald .....	105-191
Gregg Lind .....	108-167
John Michael .....	108-166

<u>NAME</u>	<u>M/S</u>
Patrick Neu .....	108-136
Jeff Niemeier .....	106-186
Gary Owen.....	124-210
Marion Payne Jr. ....	137-125
Steve Plantenberg .....	137-152
Crist Rigotti .....	164-100
Duane Smith .....	108-136
Van Snyder.....	108-104
Alain Suarez .....	108-166
Floyd Van Auken .....	107-140
Tom Wachtel.....	106-186
Charles Ward .....	108-137
Bryan Wesner .....	153-260
Mark Woytassek .....	137-137

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Tom Ehlen  
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