

# FlightLine

A Monthly Publication of Collins Model Aviators

April 1996

**Reminder:** April's CMA meeting is Thursday the 4<sup>th</sup>. After the meeting will be the annual "Beauty Contest". Bring your models and show us what you've been working on all winter.

## Good deal from the swap meet

by Jim Doty

David Gillespie bought his Spinks AKROMASTER to the March CMA meeting. He bought it for \$40 at the swap meet. Looks like he got a great deal. A lot of the construction was completed and the quality of the work was very good. There was even a lot of detailed shaping inside the fuselage.



**April's Featured Model** — Rich Dean's SeaCat. Looks like it's almost ready to cover.



David Gillespie bought this partially completed Spinks AKROMASTER at February's swap meet. The model is a Pilot by OK Model Co. Ltd.

## April's featured model

Rich Dean brought his SeaCat to the March build session. Construction is really coming along well. The wing fuselage and tail are all framed. The left wing tip was already covered. The sea plane has a lot of interesting details. The shaping of the nose looked difficult, Rich said that he used sand paper wrapped around a cardboard cylinder to help with the forming of the curves.

The other thing I noted was the detail in the stabilizer. The tail surface is built up with an air foil shape, and has more parts than a lot of models have in the wing.

I can't wait to see this plane flying off the pond. I'm sure that it will really look great when it's finished.

J. H. Doty, FlightLine Editor →

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## March's build session

by Jim Doty

I went to my first build session last month. I didn't bring anything to build, I just went to see what was going on. Several members showed up with models. Of course Rich brought his SeaCat (see page 1). Duane Smith brought his LT 40 wing modified for twin engines. The LT40 structure, with its doubled spruce spars looks like a good choice for a twin. The wing should have plenty of stiffness for the engine mounts.



Duane Smith is building this modified LT40 wing for a

Tom DeWulf brought his P51 model. Tom had already modified the engine mount to accommodate an ASP 90 engine (the model was designed for a 60 size engine). He had to assemble the engine in place to fit it in the fuselage without making unnecessary cuts. With the P51's smooth lines and the large engine it should really go.



Tom DeWulf brought his P51 model to the March build session.

Basil Tilley brought some really large foam core wings he was sheeting. He also brought a plan for a huge model he was considering. The plan was an older design with lots of detail for mechanical coupling of the servos. Basil got a lot of suggestions on how he could bring the design up to date.

J. H. Doty, FlightLine Editor ➔

## From the Vice President

by Tom DeWulf

Just a quick reminder that CMA flight instruction will be starting. I (Tom DeWulf) will be instructing on the newly purchased "Sturdy Birdy" club trainer this year. The trainer is complete and fully functional. Call employee services voice bulletin board at x8888 (395-8888, if outside of Rockwell) to find out details on "Today's and Tomorrow's" flying schedule. Tuesday night is the normal flight instruction night, weather permitting. I intend to be at the flying field most Tuesday nights with the club trainer this year. In the past, Thursday has also been an unofficial rain date if Tuesday is to wet or windy. Of course, the weekend is always fair game as well if the weather is particularly conducive to aeronautical enjoyment. So if you're just learning to fly or feel a little rusty, then stop by and fly with us at the CMA flying field. As always, there is no charge for flight instruction, non-club members are welcome, and the only requirement is AMA membership (for insurance purposes). Until then, I'll see you in the sky.

Tom DeWulf, CMA Vice President ➔

## Minutes of the March CMA meeting

by Duane Smith

The March meeting of the CMA Club was called to order by Vice President Tom DeWulf at 16:55 03/07/96

### OLD BUSINESS

\$400.00 for field rent given to Doc. Talked with Doc about north side of field. No plan to sell any lots on the north end of the field.

No concerns voiced from Doc.

Discount at the RC Hanger for door prizes 10% off retail.

Membership cards discussed. Cutoff date for membership dues discussed.

Cards to be printed in march.

### NEW BUSINESS

Numerous Bylaw changes were discussed and voted on. A copy of the Bylaws will be passed out at the April meeting for final approval.

Duane Smith, CMA Secretary ➔

# Changes to the Collins Model Aviators bylaws (from March 1996 CMA meeting)

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## 1. Club Officers

Collins Model Aviators' (CMA) general membership shall elect officers annually to handle business aspects of the club affairs. The minimum set of officers shall include:

- President
- Vice President
- Secretary
- ~~Treasurer~~
- Newsletter Editor

Since Rockwell Employee Services maintains the financial records for CMA, there shall be no position of Treasurer. The Secretary shall obtain an account balance sheet from Rockwell Employee Services before each club meeting and report it to the general membership.

## 3. Membership

### 3.1.1 Children

Due to Employee Services' policy, children (dependents 18 years of age and younger of Collins employees) are not eligible for formal membership in CMA. CMA, however, encourages enjoyment of model aviation by all ages. Children will be accepted as *provisional* members ~~who do not pay dues~~ and do not appear on the official roster. All other rights and privileges of membership will be afforded to provisional members.

### 3.2 Dues

Dues shall be paid by members on an annual basis. March 1st shall be the cutoff date. The cutoff date is required so that a member can received an official CMA club membership card.

- \$20 annually when paid by cutoff date
- ~~\$20 + subsidy when paid after cutoff date. If the person qualified for membership before the cutoff date. Exceptions to this rule are new employees, employees moving from nights to days, and new spouses.~~
- \$10 for the second adult member in any household
- \$7.50 for anyone who is less than 18 years of age.

### 3.3 Membership Cards

Each paid member shall receive a membership card that identifies him/her as a CMA member for the current year. Production and distribution of membership cards shall be the responsibility of the Secretary. All members having paid dues, shall receive a CMA official membership card on or before the April meeting each year.

## 6. Flying Site

### 6.1 Access

~~The CMA flying field shall have a locked gate at the entrance to prohibit unauthorized entry. Once a member passes a one-time pilot proficiency (e.g. solo) test in the presence of a CMA flight instructor he/she will be issued a key to the gate, allowing unrestricted access. The key must be surrendered when a member terminates his/her membership.~~

Once a member passes a one-time pilot proficiency (e.g. solo) test in the presence of a CMA flight instructor he/she will be allowed unrestricted access to the flying field. Any individual that flies at the CMA field, regardless if that individual is a CMA member is required to have current AMA insurance. CMA reserves the right to ban any person from the CMA flying site if that person repeatedly violates flying site rules or is a safety hazard to others.

### 6.3 Rental

~~CMA will pay xxx \$\$\$ in cash each January for the annual flying field rental. This is the duty of the Treasurer.~~

The Secretary shall be responsible for ensuring that any yearly field rental expenses are paid.

### Mark Woytassek's Pattern Flying Plan

Mark sent a copy of his pattern flying plan. The K value listed is the difficulty factor of the maneuver. Also listed is whether the maneuver is performed upwind or downwind.

If you're interested in pattern flying Mark is a great resource of information and helpful hints. Next time you see him be sure to ask him what a HUMPTY BUMP WITH OPTIONS is.

J. H. Doty, FlightLine Editor →

Mark Woytassek's Pattern Flying Plan			
#	Maneuver	U/D	K
1	TAKEOFF		1
2	INSIDE OUTSIDE CUBAN 8 WITH FULL ROLLS	(U)	4
3	STALL TURN WITH 1/2 ROLLS		2
4	FOUR (4) POINT ROLL	(D)	4
5	IMMELMANN TURN		1
6	VERTICAL 8 FROM THE MIDDLE PILOT OPTION	(U)	3
7	ONE AND ONE HALF SPIN		3
8	TRIANGLE SNAP LOOP	(D)	4
9	TOP HAT WITH 1/4 ROLLS		2
10	FIGURE M WITH 3/4 ROLLS	(U)	5
11	HALF SQUARE LOOP WITH 1/2 ROLL IN VERTICAL		3
12	PUSH-PULL HUMPTY BUMP 1/2 ROLL DN 2/4 UP	(D)	3
13	BUNT WITH 1/2 ROLL OUT		2
14	DOUBLE IMMELMANN WITH FULL ROLLS	(U)	4
15	PULL-PUSH HUMPTY BUMP 1/2 ROLL DOWN		3
16	QUARTER-HALF-QUARTER ROLL	(D)	4
17	HALF SQUARE LOOP		1
18	THREE (3) TURN INVERTED SPIN	(U)	4
19	HUMPTY BUMP WITH OPTIONS		2
20	TWO ROLLS IN OPPOSITE DIRECTIONS	(D)	3
21	STALL TURN, FULL ROLL UP		2
22	SQUARE LOOP WITH (4) HALF ROLLS	(U)	5
23	LANDING		1



## Heads Up, CMA Activities

Thursday, April 4, 4:45 pm—Club Meeting

Thursday, April 11, 6-9 pm—Build Session

Friday, April 19, 5 pm—FlightLine Deadline

Thursday, May 2, 4:45 pm—Club Meeting

Friday, May 24, 5 pm—FlightLine Deadline

**Note:** All meetings and build sessions are held in the 35th street N.E. Facility (main plant) Cafeteria building 140, unless otherwise noted

## Coming Up

After the April meeting will be the annual “beauty contest”. Come show us what you’ve been working on all winter. Models don’t need to be finished to compete. All types of R/C models (planes, cars, boats, subs, etc.) and free-flight model aircraft are welcome.

## 1996 CMA Staff

<b>President:</b>	<b>John Michael</b>
<b>Vice President:</b>	<b>Tom DeWulf</b>
<b>Secretary/Treasurer:</b>	<b>Duane Smith</b>
<b>FlightLine Editor:</b>	<b>Jim Doty</b>
<b>Web Page Editor:</b>	<b>Tom DeWulf</b>

### **Flight Instructors:**

**Rich Dean**  
**Dave Decker**  
**Dave Dillman**  
**Mark Woytassek**

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

**Irv Anderson**  
**Tom DeWulf**

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

**Rich Dean**  
**Mark Woytassek**

## Send your input for FlightLine to:

James H. Doty  
MS 124-300  
x2931  
jhdoty@crems.rockwell.com



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

Tom DeWulf  
tvdeWulf@cacd.rockwell.com

# 1996 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 .....	Patrick Neu
108-166.....	Geoffrey Barrance	108-136 .....	David Neu
124-114.....	Ross Beins	137-136 .....	Marion Payne
124-111.....	Bob Buschette	120-105 .....	Elio Picchetti
124-115.....	Raleigh Dean	108-136 .....	Gary Prior
120-131.....	David Decker	124-123 .....	Wayne Savold
153-120.....	Timothy DeWit	139-125 .....	Gerald Showman
153-264.....	Tom DeWulf	108-136 .....	Duane Smith
153-264.....	Tom DeWulf (for R/C Adventures)	108-136 .....	Brian Smith
153-163.....	David Dillman	105-152 .....	Basil Tilley
124-300.....	James Doty	124-111 .....	Robert Tribuno
153-163.....	David Gillespie	124-111 .....	Robert Tribuno (for Peter Tribuno)
153-163.....	David Gillespie (for James Gillespie)	124-111 .....	Robert Tribuno (for Michael Tribuno)
153-163.....	David Gillespie (for Amy Gillespie)	120-131 .....	Ron Menti (for Tony Veit)
120-131.....	Ron Menti	181-100 .....	Charles Ward
108-166.....	John Michael	153-264 .....	Bryan Wesner
108-166.....	John Michael (for Kevin Michael)	107-110 .....	Victor Wolfe
153-163.....	Darrin Nebraska	124-115 .....	Mark Woytassek

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**Is someone you know missing from this list?  
Give them a call and ask them to *Come Fly with us in CMA!***