



Rocky Mountain Modelers



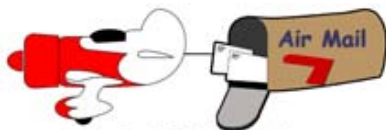
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Smooth Landings



August, 2006



Jim Brink, President

Greetings Modeleers,

Whoa it's hot. But at least the wind has cooperated some of the time. I've been introduced to a new problem in starting; vapor lock.

The field is looking great after the air show. Thanks to all you guys who worked on it. Jerry Craig found a small rattler in a mouse hole on the far side of the field while looking for airplane parts. (I was only pretending to look for parts. I was really looking for left over candy-drop candy. The parts were there because I crashed Jerry's Zero while not flying it.) We left the snake alive because he is pretty and might help keep away prairie dogs.

None of the board members could think of a pressing reason to have a meeting in August, so the 5th will just be a club fly. There will be a few things coming in the September 2nd meeting, most notably club elections. If you would like to run for office, let me know so I can put it in the next newsletter. Our club has annually done a club picnic/fly-in in October, and a date will be needed for that. Also, it would be good to decide definitely if we want to have another air show next July 4th. Some club members have already been thinking of ways to improve the event and acts for the show. In addition, our club has been given six new, in-the-box kits consisting of 3 gliders, a small e-trainer, a shockflyer, and a flying model of the Wright Flyer. I'm thinking club auction, but you guys decide.

Most of you know by now that Ken Gillpatrick has had a stroke. It is a serious one, and he will be in the hospital and therapy for a while. We'll try to keep the club informed of his progress by email as events unfold. Our thoughts and sympathy are with Ken and Cheryl during this time of trial. We'll miss their friendly faces at the field, though Cheryl tells me that she will try to continue her flying when she can. I hope so.

Wheels down landings,

Jim Brink



From the Hi Sky RC Club, Midland TX

Flexible Mount for CD-ROM Motors



by Dennis Robbins

Many modelers these days are building and flying electric planes. This new movement in the RC world took a giant step forward when CD-ROM motors were removed from computers and rewound for model airplane use. This allows for a custom brushless motor that can supply plenty of power and costs very little to build.

I was a late comer, but soon saw the potential these little, home built motors have. They were perfect for my requirements, supplying the power necessary to hover a 4-5 oz. foam airplane.

One of the weaknesses I had to overcome was how to mount these motors to the airframe. The CD-ROM motor is usually constructed with a bearing tube, which extends from the back of the stator about 1-1½ inches. First, I mounted the motor by wrapping it in masking tape and gluing it directly to my model. The caused several problems: the motor could not be replaced easily and, if I had a less than desirable impact with the ground, usually the nose of the airplane suffered.

After many sessions of reattaching my motor and even having to rebuild the nose of the airplane, I was determined to come up with a better mounting method for my CD-ROM motor.

I needed a mounting method that was not permanent and would be forgiving during a crash. After discussing my problems with a fellow pilot, the following method for mounting a motor was suggested. What you will see in the photos is my adaptation of the idea for my personal use.

This is how it's done:

- 1) I glued two 5-inch pieces of 3mm carbon-fiber tubing underneath the wing, in the groove where the fuselage contacts the wing.
- 2) I cut Latex tubing—¼-inch inner diameter, 3/8-inch outer diameter—into bands.

*Flexible Mount for CD-ROM Motors,
continued under Minutes...*

No meeting next month, but join us for a morning of club flying!

Minutes of the July Meeting



Minutes of Monthly Meeting

Rocky Mountain Modeleers
July 1, 2006
Modeleers Field, 1200 N County Rd 5,
Wellington, CO 80549

President Jim Brink called 20 members to order at 10:01 A.M.

Guests included Dallas and Travis Horton. Dallas presented a harrowing account of a recent crash in his OH-58 helicopter, from which he walked away. Jim thanked the Hortons for moving a large stack of hay bales out of the south end of the Modeleers Field runway run-out.

Minutes for the June regularly-scheduled meeting and the specially-called meeting were approved.

Treasurer's Report from Gene Burmeister was approved.

Safety Officer's Report: Jim Brink and Jerry Craig extended recent discussion about not over-flying neighbors north and west of Modeleers Field. Jim and Jerry reminded members to fly east of the line of sight from the Modeleers Field runway to the power tower north of the field.

Old Business:

1. We discussed plans for the July 4th air show at Modeleers Field. Individual flights will be limited to 5 minutes by flight line coordinators Mike Lohr and Dave Sampson. Buddy-box training flights from club instructors will be available for visitors before and after the air show, which is scheduled for 11 A.M.-1 P.M. Sylvia Brink will head the cooking effort; Gene Burmeister will direct parking; Bill Tuttle and Mike Lohr will provide signs; Mike Harrington will provide the PA system, to be powered by Fred Damm's generator; the Gillpatricks will deliver a horse trough for iced drinks. All members will help with enforcing safety, answering questions and greeting guests. Neighbors and city officials have been invited.
2. Dan St. John reported on the great time had last weekend by the 32 pilots from Colorado, Arizona, Nebraska and Nevada that attended the 5th Annual Northern Colorado Helicopter Fun-Fly at Drake Field. The event netted \$75 profit for both Love-Air and the Modeleers.
3. Bo Viger reported back on costs of participating in the New West Fest (August 19-20) as part of an effort to increase Modeleers exposure to the local community. That this date conflicts with Love-Air's Big Bird combined with a \$275 fee led to the quick conclusion that the club will not participate in this venue.

New Business:

Clifton Field has been mowed by a private contractor for \$240, which is less than the cost to the club of renting a brush hog and mowing with club volunteer time.

Announcements: Dan St. John has agreed to serve as Vice President for the Love-Air club.

Meeting Adjourned at 11:30 A.M.

Respectfully Submitted,

Dave Sampson
Rocky Mountain Modeleers Secretary

Flexible Mount for CD-ROM Motors, continued...

3) Next I slid the bands onto the motor and over the carbon tubes (this is the most difficult part of the procedure).

4) To complete the mount, a small balsa-or-hard wood block can be glued between the carbon tubes near the fuselage. This prevents the foam from crushing after the Latex bands are in place.

For more information on how to make an electric park flyer motor out of a CD-ROM drive, visit:

<http://www.flyelectric.ukgateway.net/cdrom.htm>

Get well, Ken Gillpatrick. You and Cheryl are missed at the flying field!



The crowd turn-out at the Independence Day R/C Airshow on July 4th.



Meet the Member



Dave Brock

Born/raised: St. Johnsbury, Vermont, in 1936. I lived in a state that had NO hobby shops!

Married: Yes, for 42 years to Arlene.

Children: A son and daughter, both are married and living in the Detroit area.

Occupation: After High School, I attended Boston University and received a BS degree in Aeronautical Engineering. I worked in Aero Space for 13 years and then I spent 25 1/2 years at Ford Motor designing engines. I retired in 1996.

Years in hobby: I have been building models, not all airplanes, since I was 6 years old.

Member since: 1998

Planes/ helis owned: Too many planes to list, no helis.

Favorite plane/ heli: The last one that I flew, could be RC, C/L or free flight.

Worst crash: In my early years of modeling, airplanes and engines were very hard to obtain. When I was 19, I finally had a C/L stunt model with a Forester 29 engine that would fly the AMA stunt pattern. I was flying with a borrowed set of lines, *BIG* mistake, and the up line broke. About one second later, I had a completely destroyed plane and engine. I was out of flying for the next three years.

Something you may not know about me: When I was 15 and 16, I worked at the local airport (because I loved to be around airplanes) and got a few free rides. When I was 17, they decided to pay me and I was paid in flying time. I obtained my private license that summer which was before I had a driver's license which I could not get until I was 18. Later, I added an instrument rating. While working in California, I flew sailplanes, and on one occasion, I achieved an altitude of 18,600 feet which is another story.

Scrambled Plane Game



Below is a scrambled picture of an r/c airplane. The first person to email or call me the correct name of this plane is the winner and will be announced in the next newsletter! Please email me at garret425@frii.com or call at 224-4350.

Good Luck!

The winner this month will receive a \$5 gift card, courtesy of HobbyTown USA. Everyone has a chance - the mailed newsletters are sent out one day prior to the email copies.

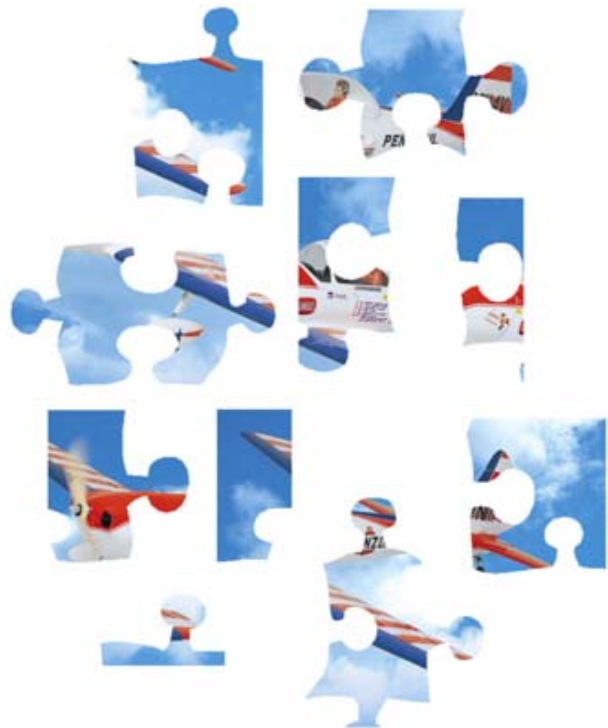


Photo of the Month!



Fred Damm's patriotic candy drop plane at the 4th of July airshow.



AMA Charter #1824

Annual Dues:

Adult: \$60

Junior: \$30

Family: \$70

Half price after July*

*(*Only for new members!)*

One-time runway fee: \$50



Membership is open to all RC model airplane enthusiasts who are members of the Academy of Model Aeronautics (AMA). Activities of the club include all phases of RC modeling: instruction, sport flying, contests, etc. A monthly newsletter is sent to each member.

Current membership is required for flying at any club field. A non-member who is an AMA member may fly two days as a guest.

New members are welcome!

Ask any member for information.

Our meetings are held at
10:00 A.M. on the first Saturday of the month at
Modeleers Field in Wellington.

(Call an officer for directions if necessary.)

Officers:

President	Jim Brink	223-3975
Vice Pres.	Bill Tuttle	484-8378
Secretary	Dave Sampson	223-9088
Treasurer	Gene Burmeister	674-9820
Editor	Garret Hultgren	224-4350
Webmaster	Ryan Korzynowski	231-1857
Weather Station		568-3203

Flight instruction is offered during daylight savings time at no charge to members. Flying instruction is available on a first-come basis on Thursday afternoons at Modeleers field. *(Call an officer for directions)* Other times can be arranged by appointment with the individual instructors.

Instructors:

Mike Lohr	221-5278
Fred Damm	221-4457
Loren Deines	484-0407
Larry Grover	224-5124
Garret Hultgren	224-4350
Dan St. John	223-0849 (Helicopters)
Greg St. John	223-0849 (Helicopters)
Don Botteron	223-8050 (Adv., by Apmt. only)
Don Vagge	223-1169



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No meeting next month, but join us for a morning of club flying!

***Scroll down to see pictures
from the Independence Day
R/C Airshow!***

Rocky Mountain Modeleers
c/o Garret Hultgren
1630 Sagewood Dr.
Ft. Collins, CO 80525

Independence Day R/C Airshow Pictures



Jim Brink and Jerry Craig attempted to fool the crowd with their blind fold flying routine! Dave Sampson applying blind fold.



Sam Kotby assisting Larry Grover with his Weaks biplane!



Thanks to our chowline volunteers!



Our guest pilot Bert Sutton flying his 40% Cap 232

The *Fourth of July Independence Day R/C Airshow* drew in a profit of over \$200, and boasted over 200 guests from 11 A.M. - 1 P.M., with 20 pilots demonstrating their flying skills by entertaining the guests. Over 70 airplanes were present on display, and 21 specators tried their hand at flying a trainer on the buddy-box! There were 31 kids present at the candy drop, showered by Fred Damm's monster bomb-bay door equipped plane. At the beginning of the day, the same aircraft was used for a patriotic fly-by, with flags on each wing.

Thanks go out to many people who made this event a success!



Mike Lohr and Fred Damm with Fred's PT-17