



ROCKY MOUNTAIN MODELEERS

modeleers.org

Officers:

President	Garret Hultgren	224-4350
Vice Pres.	Randy Treadwell	472-4212
Secretary	Jerry Craig	484-9417
Treasurer	Jim Ferry	482-4695
Editor	Mark Hartman	484-1176
Safety Officer	Joe Wilson	219-1099
Webmaster	Clint Hultgren	224-4350
Weather Station		672-3331

Building/Repairing Instructors:

Randy Treadwell	472-4212
Loren Deines	484-0407

Flying Instructors:

Fred Damm	221-4457
Garret Hultgren	224-4350
Don Vagge	223-1169
Jerry Craig	484-9417



Annual Dues:

Adult: \$60

Junior: \$30

Family: \$70

Half price after July*

(*Only for new members!)

One-time runway fee: \$50

INSIDE THIS MONTH

October, 2011

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- * Name that Plane Game
- * Beginners Guide to R/C Helicopters

Greetings Modeleers,

September has provided us with more great flying weather as we near the end of the flying season. The temperature is finally tolerable and the sun isn't nearly as intense in the early mornings! Fall is the perfect time to fly – make sure to get out to the field before the snow arrives and it's too late!

As usual, not one nominee leapt forward in anticipation to throw a hat in the ring for the position of vice president! As of now, no one has stepped forward to take on the position for 2012. While this position does not carry a heavy workload, it is an important position as the vice president serves the role of providing valuable input on the board.

Thus, we need to find a replacement before the end of the year. If you would consider serving, please

come to the October meeting to volunteer or contact an officer prior to the meeting.

In the past few months, we have had a considerable number of new members join the club. I would like to personally welcome a few of our newest members on behalf of the entire club. Their names are Jeff Stolzenburg, Rich Samuelson, John Honstead, and David Swenson. It is great to see new people out enjoying the field! Welcome to the club, gentlemen!

The next meeting will be Saturday, October 1st, 10:00 A.M., at Horton Field in Wellington. This will be the final outdoor meeting of the season before moving indoors in November. Make sure to come on out for a (hopefully) great morning of flying!

Garret Hultgren, President

Next Meeting: Saturday, October 1st, 10 am, Horton Field, near Wellington, CO.

ROCKY MOUNTAIN MODELERS

Minutes of the Monthly Meeting

Rocky Mountain Modelers

September 3rd, 2011

at Horton Field,

near Wellington, CO 80549

President Garret Hultgren called the meeting to order at 10:00 A.M. with 19 members in attendance.

October 2011 Monthly Minutes

Minutes: The minutes of the August meeting were presented and approved.

Treasurer's Report: Treasurer Jim Ferry reported his computer was down and he could not generate the August financial report. The club's checkbook balance is \$4,987.86 with \$00.00 in petty cash. He did note a discrepancy of \$0.11 that he could not rectify with the bank. That will certainly be a factor when annual bonuses are calculated! Jim noted that three new members have come on board over the past couple of months. Although incomplete, the treasurer's report was unanimously approved.

Safety Officer's Report: Joe Wilson was again flying the skies of United Airlines and was unable to attend. He had no safety issues to report. Gene Burmeister cautioned that the adjacent cornfield had been sprayed with pesticides the previous week. If a plane is lost in the corn, either wait to retrieve it until after the next rain, or wear a

hazmat suit. Better yet, don't fly deep over the field. Even better, don't crash!

Old Business: Garret has ordered a new windsock for Horton Field and it should be up in a week or so.

New Business: Nominations are due for club officers next month. Randy Treadwell is stepping down, leaving the vice president position vacant. Thanks for your dedication, Randy! The current slate of miscreants has grudgingly agreed to continue unless other nominees step forward.

Mai Dailey brought refreshments and the members celebrated Bill Dailey's recent retirement. *Thanks Mai!*

Meeting Adjourned at 10:09 A.M.

The next meeting will be Saturday, October 1st, 10:00 A.M., at Horton Field.

Respectfully Submitted,

Jerry Craig
RMM Secretary



Welcome New Members:

*John Honstead &
David Swenson*

Beginner's Guide to R/C Helicopters

Written by Andrew Griffith



Many factors go into deciding which size helicopter to purchase.

Flight Controls (abridged from article): Not unlike an airplane, a helicopter requires four primary flight controls: pitch (elevator), roll (aileron), yaw (rudder or tail rotor), and throttle. The elevator and ailerons are combined on the right stick (Mode 2) in what is called the cyclic control. This is what gives us directional control of the helicopter.

Rotor Head Designs (abridged from article): As mentioned, we generally have two types of main rotor head design: fixed pitch and collective pitch. The advantage of fixed pitch is that the design is simple so it's inexpensive to produce.

As the name implies, the pitch angle of the main rotor blades is fixed and the amount of lift produced varies by changing rotor head's rpm. In addition to the simplicity of the design, a fixed-pitch rotor head requires only one channel to control altitude.

The disadvantages of fixed pitch are that performance is somewhat limited, and if you get the rotor head too slow while descending, you might not get the rpm back in time to prevent impact with Mother Earth.

Tail control (abridged from article): Torque produced by the main rotor has to be counteracted or the heli's fuselage will spin in the opposite direction of the main rotor. Typically this is accomplished by the addition of a tail rotor.

Like the main rotor system, the tail rotor can be either a fixed-pitch variable-speed design, or a fixed-speed variable-pitch design. Fixed-pitch tail rotor designs have a small motor mounted on the tail and the variable pitch ones drive the tail rotor from the main motor.

Fuel or electric power (abridged from article): The debate between fuel power and electric power has been going like the Energizer Bunny. The winner is ... there's no clear winner. Each has its own learning curves and unique support equipment to purchase.

NAME THAT PLANE GAME

Email the name of the plane (pictured on the front page) to sevntigers@gmail.com and receive a \$10 gift card to **HobbyTownUSA**

Please note:

Note: You can only win two months in a row!

The 3rd person to email the correct answer is the winner!

Last month winner: Fred Damm (Thanks Jerry!)

Featured plane: Fokker D.XXI (Netherlands markings)

In the case of fuel power, you need a fuel pump, glow plugs and a way to light them, and, of course, fuel. Then you have to learn to operate and tune an internal-combustion engine. Most fuel-powered helicopters use traditional model fuel (methanol, oil, and nitro methane), but there are two-stroke gasoline-powered engines available as well.

Several flights can be made on a single receiver battery charge so you can get a number of flights in while only stopping to refuel.

If you go with electric power, there are speed controllers, motors, and batteries to purchase. To fully explain how to properly choose your electrical system components such as the speed controller, electric motor, and batteries would encompass a small book.

Fortunately there are a number of packages available, supplied with components chosen from extensive flight testing, that are proven to work well together. Then you have to learn how to properly charge, and handle LiPo batteries.

-- from *Model Aviation Magazine*

October Events

10/16 -- Denver, CO

(AMA record Trial) **MMM MONTHLY SCRAMBLE.**

Site: Club Field. Roland Solomon CD PH: 303-989-9998

Email: rolandsolomon@msn.com.

Events Cat II all events except 162, 501, 503 and 504. Event is NFFS National Cup sanctioned and features every National Cup event. Come and collect your NC points on our beautiful, huge field. Or, if you're planning a Colorado vacation, bring your models and join us.

Sponsor: **MAGNIFICENT MOUNTAIN MEN INC**

Front Cover Photo courtesy www.dutch-aviation.nl web site

Membership is open to all RC model aircraft 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 either 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.

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 Clifton Field in Fort Collins. (Call an officer for directions) Other times can be arranged by appointment with the individual instructors.

Our meetings are held at 10 a.m. on the first Saturday of the month at **Modeleers Field** in Wellington, CO. (Take exit 281 off I-25)
(Day of meeting subject to change.)
Call an officer for date and directions if necessary
- find field info and directions at www.modeleers.org)



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1 Windsor Location

Officer Email Contacts:

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Secretary	Jerry Craig	secretary@modeleers.org
Treasurer	Jim Ferry	treasurer@modeleers.org
Editor	Mark Hartman	newsletter.editor@modeleers.org
Safety Officer	Joe Wilson	safety.officer@modeleers.org
Webmaster	Clint Hultgren	webmaster@modeleers.org

Visit the **Rocky Mountain Modeleers Homepage** at www.modeleers.org! There you will find club/membership information, past newsletters, photos, classified ads, articles, a link to the **Modeleers Forum Page**, a current link to the online **Modeleers (Horton) Field Weather Station website**, and much, much more! Plus you can log in to a "Members Only Section" to view other club-affiliated items! Contact the Webmaster for user name and password information!
[Check it out!](#)

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Next Meeting: Saturday, October 1st, 10 am, Horton Field, near Wellington, CO.

Rocky Mountain Modeleers
C/O Garret Hultgren
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Fort Collins, CO 80525