

THE **ROCKET CITY RADIO CONTROLLERS, INC.** NEWSLETTER



... an AMA Award of Excellence Club!

Proudly serving the Huntsville community at the Captain Trey Wilbourn Model Airplane Field.

P.O. Box 2163

Huntsville, AL 35804

August 2013

President's Message

Officers		
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James Fowler		256-882-1784
Vice-President		
Basil Cooper		256-883-9220
Secretary		
Paul Webb		256-325-2741
Treasurer		
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Newsletter Editor		
Bill Mitchell		256-975-5687
Committee Chairmen		
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Programs		
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Basil Cooper		256-883-9220
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Bob Sorrells		256-881-1096
Flight Instructors		
John Pieczynski	By Appt.	256-651-6487
Pete Wick	By Appt	256-883-7571
Bill Mitchell	By Appt	256-975-5687
Mike Norton	By Appt	256-653-6632

I will be on vacation the day of our August membership meeting. Basil will be in charge. The bylaws require the president to establish an officer nominating committee at this meeting. Basil will be asking for volunteers to serve on that committee.

The bylaws also require this committee to present their nominations to the membership at our September meeting. If you are willing to serve as an officer or know somebody who is willing, please notify anyone on the board.

We had a good turnout of pilots and airplanes for our war bird event. Several spectators attended. Wounded Warrior Project donations were over \$210. A reporter/photographer from the Huntsville Times, Sarah Cole, attended the event for several hours. She took many photos and interviewed several persons. You may have seen the article in the Huntsville Times this last Thursday. The link to her article and photo spread on al.com has been sent to the membership via email. John Pieczynski attended the event and took several photos as well.

A list with minimum prices for the recent donated items auction is provided elsewhere in this newsletter. This list is being emailed to the membership and will be posted in the pilot shed and in the clubhouse. Come to the clubhouse, view the items and make a bid.

We need to have a quorum at our meetings, so please attend. If you have a program topic you would like to have presented, let the board know.

Fly safe and stay in the zone.

Jim



July 2013 General Membership Meeting Minutes

July 16, 2013 RCRC General Membership Meeting Minutes

The meeting was called to order at 7:00 PM with only 11 members present, no quorum, no guests and no new members.

The minutes of the previous meetings, as printed in the Newsletters, were approved as written except the date change for the AMA Pattern Event which is now Sept 13-15, 2013. The June meeting minutes will require another approval vote in the August meeting.

The Treasurer's report was read and approved.

The President said that he had advised the City contact of the AMA Pattern Event and BPA Event date change so the grass cutting schedule could be changed accordingly.

There were no reports from the Field, Publicity, or Safety Committees. The grass along the bottom edge of the East fence needs to be trimmed and the President said he would follow up with the Field Chair.

There was no old business from the floor.

NEW BUSINESS

The President reviewed the proposed schedule for 2014 Club events. Those present voted to approve the preliminary schedule and another vote will be required at the next meeting. The schedule will be published in the August Newsletter.

Disposal of Mark Karski's donated RC model components was discussed. After the items are inventoried and minimum prices established by Dave Seymour and Basil Cooper, the details will be sent to the membership by e-mail for bidding by return mail. The items will be available for inspection in the

Clubhouse. This procedure was approved by those present.

There being no other business, the meeting concluded at 7:30 with door prizes and a show and tell presentation by Bill Mitchell reviewing the capabilities of a small quad copter marketed by Horizon.

The meeting was adjourned at 7:45 PM.



Aug 2013 RCRC BOD Meeting Minutes

The President opened the meeting at 7:00PM. The Newsletter Editor was absent.

The results of the recent War Bird event were reviewed. The event raised \$210 for the Wounded Warriors which will be forwarded to the AMA to be combined with donations from other events and presented to the Wounded Warrior fund.


The Treasurer reported that three former members had rejoined the Club.

The bidding procedure for the donated RC aircraft and components has been defined and the invitation to bid will go to the membership by email, the August newsletter, and will be posted in the pilot's shack. The bidding period will close at the September meeting and the successful bidders will be notified at the meeting, if possible.

The flying field regulation changes are nearing completion and the review committee will make the final approval soon.

The TransAmerica Tour was discussed. The Vice President will contact the AMA to get more specifics and clarifications before the Board makes a decision and brings it before the membership.

The meeting concluded at 8:00 PM.



Novice Club Class at the 45th Annual RCRC Pattern Contest

We will be adding a Novice class to our regular classes at the upcoming September 14-15 pattern contest with the hope of encouraging some of you to come out and try pattern with us. This will be a simple sequence in the old style, with one maneuver per pass, no "box" and no turnaround maneuvers scored, less the procedure turn. If you can do loops and rolls, you can fly this sequence. I will go through the pattern

maneuver by maneuver. Each maneuver is scored zero to ten in ½ point increments. All maneuvers will be weighted equally in the scoring.

Here is the sequence:

1. Takeoff (U)
2. Straight Flight Out (U)
3. Procedure Turn
4. Straight Flight Back (D)
5. Stall Turn (U)
6. Immelmann Turn (U)
7. 3 Inside Loops (U)
8. 2 Horizontal Rolls (D)
9. Landing (U)

The “U” and “D” stand for upwind or downwind.

1. Takeoff – This is done from a standing start from a position near the centerline of the runway. For maximum points, the airplane should accelerate evening, and lift off with 1 meter of either side directly in front of the pilot. The lift off should be smooth, without an abrupt break. Judging of takeoff ends at 2 meters altitude.

2. Straight flight out – After takeoff, make a turn downwind, and then go to the end of the flying area and make a turn upwind, at about 100 yards out. Establish a straight line, and maintain it to near the other end of the field, at constant altitude and heading.

3. Procedure turn – At the end of you straight flight out, make a 90 degree turn away from you, followed by a 270 degree turn back toward you. This should all be at the same altitude as the straight flight out, and should end back on the same line as the straight flight out.

4. Straight flight back – This should be at the same altitude and line as the straight flight out, but going in the opposite direction. The maneuver ends shortly after passing in front of the pilots positions.

5. Stall turn. - After the straight flight back go to the end of the flying area, turn around, and again get on a straight line about 100 yards out. The stall turn starts directly in front of the pilot. Make a gradual ¼ loop to vertical, and establish a straight vertical line. Lower the throttle, and when the airplane nearly stops, hit hard

right or left rudder, so that the airplane pivots around the CG. You should then be on a straight line down, and then do another ¼ inside loop to horizontal at the same altitude you entered, going in the opposite direction.

6. Immelmann Turn – After the stall turn, proceed downwind, turn around, and again establish a straight line upwind about 100 yards out. The immelmann begins directly in front of the pilot. Do a ½ loop to inverted, followed by an immediate half roll to upright, headed downwind.

7. 3 Inside Loops- After the immelmann is completed, proceed down wind, turn around, and again establish a straight line upwind. Immediately in front of you, pull up into 3 consecutive ¼ inside loops. For maximum points, the loops should all be the same size, round, and be superimposed on each other.

8. Two horizontal rolls – After the three inside loops, proceed upwind to the end of the field, turn around, and establish a straight line downwind parallel to the runway about 100 yards out. Do two rolls, one on either side the center line directly in front of you. For maximum points, the rolls should be completely axial, and not deviate left or right, and all be on the same heading. The roll rate should be constant.

9. Landing- After the two rolls, you can proceed downwind, and either directly set up for a landing approach, or make another turn around upwind, another downwind, and then set up for landing. Landing is judged from 2 meters high, through touchdown, which for maximum points should be anywhere on the width of the runway, in a straight line with the runway, and within 15 meters of either side of the centerline directly in front of the pilot. Landing in the grass is a zero.

If you want more info on how to do the maneuvers correctly, you can look at the National Society of Radio Controlled Aerobatics (NSRCA) website at <http://nsrca.us>. I'd read this, http://nsrca.us/images/stories/currentsequences/Sportsman_Maneuver_Descriptions.pdf,

and this:

http://www.nsrca.us/documents/judging/currentamasc_hedules/401%20-%20Sportsman%20-%202011.pdf.

The sequences are not identical to the Novice pattern above, but most of the maneuvers and judging criteria are the same.

Come out and join us! If you catch me at the field, I will be glad to demonstrate the sequence to you, and coach you through it.

Jon Lowe



Due to newsletter formatting issues the auction items mentioned in the president's message have been emailed separately.



Proposed 2014 Event Schedule

Event	Date	CD
Huntsville Appreciation/ Club Day	May 14, 2014	Vice President
Big Bird	June 14, 2014	TBD
War Bird/Wounded Warrior	July 19, 2014	TBD
BPA Pattern	August 8-10, 2014	Gary Courtney
AMA Pattern	September 12-14, 2014	Jon Lowe
Toys for Tots	November 7&8, 2014	Bob Walls



2013 Events

Club Day May 18, 2013: Basil Cooper
Big Bird June 8, 2013: Basil Cooper
War Bird July 27, 2013: Basil Cooper
BPA Pattern Aug 9-11, 2013: Gary Courtney
AMA Pattern Sept 13-15, 2013: Jon Lowe
Toys for Tots Nov 1-2, 2013: Bob Walls



RCRC NEWSLETTER EDITOR
P.O. Box 2163
Huntsville, AL 35804

TO: _____

AMA CHARTERED
CLUB SINCE 1964
NO. 715

August 2013

2012 RCRC EVENTS

<u>2012 RCRC EVENTS</u>					
	16 July	7:00 PM	RCRC Membership Meeting	Bill Mitchell	(256) 975-5687
	6 Aug	7:00 PM	RCRC BOD Meeting	Bill Mitchell	(256) 975-5687

*** Field closed to non-participants during this event.**

***** Field closed Fri before event at noon .**