



# Raleigh-Durham Radio Control



CHARTERED CLUB

**AWARD OF  
EXCELLENCE**

AMA Charter 733 / IMAA Charter 724

Official Newsletter

July 2014

Home Field for "Fly For Tots"

Volume 23, Issue 7



**Inside:** Please remember that the next Monthly Meeting will be held at the RD-RC field  
Saturday, August 2, 2014 @ Noon

Presidents Message

Vice-Presidents' Message

Sec/Treasurer's Report

Safety Comments

Upcoming Events

Support Your Vendor

RD-RC Aircraft (Photos)



## President's Prop-Wash Mike Hollowell

I received this from Rodney Earp:

This Saturday from 10am till 1pm the Clayton Cub Scout Pack 24 will be visiting RD-RC, weather permitting. At 10am I (Rodney) plan to introduce the club, go into some principles of aircraft flight and the RC controls on the transmitter. We'll have 3 stations with Trainers on buddy boxes for each one to fly a couple of minutes. Mike Hollowell, me and one other will be on the transmitters and we'll need 3 more to help instructed the scout. I'll also need a couple as spotters on the flight line and 3 or 4 to fly demos afterwards, quads, hellis or airplanes anything will do.

We do have one family bringing their own stuff with the Apprentice technology that has never been flown. If there is anyone comfortable with that and would be willing to help them get flying, please let me know.

Just like last year I'll have Hotdogs and pasta salad at 12 for those helping out. Please email me if you have the time and are willing to help out Saturday so I'll know how much food to get.

Thanks,  
**Rodney Earp**

[rearp@bandt.com](mailto:rearp@bandt.com)

Cell: 919-634-5129





## Thoughts from the Vice President—Don Hurlbut

RDRC members,

The proposed revised By-Laws are attached for review. Attached are:

1. A **RED-Lined** copy that highlights only revisions resulting from the 6-16-14 meeting.
2. A finished copy incorporating the Red Lined revisions.

The revised By-Laws will be discussed at the August meeting.

Don Hurlbut  
Chairman, By-Laws committee.





# Secretary / Treasure Report

## Steve Schmidt

For details on the formal treasurer's report and minutes submitted at the June 2014 meeting, please see the meeting minutes on the website once they are approved by the membership at the August meeting.

Membership (all levels) has reached 119 as of this report.

The electrification and fencing projects are now complete. If you have receipts outstanding, please get them to me so I can close those projects.

The August meeting will be at the field, Saturday, August 2<sup>nd</sup> at 12:00 noon.

Steve Schmidt  
[sschmidt3@nc.rr.com](mailto:sschmidt3@nc.rr.com)  
(919) 616-8720



# BYLAWS - Proposed - RED LINED

## Club By-Laws-2014 (RED LINE version—showing changes)

Revised Date | 6/16/2014

Revised by By-Law Committee chairman R. Donald Hurlbut

### RALEIGH DURHAM RADIO CONTROL CLUB BY-LAWS

**Delete from Treasurer/Secretary duties:** Shall file IRS Form 990 for tax exempt organizations.

- Removal of Officers:

Upon a petition of ~~twenty~~ **Fifty** percent or more of members ~~in good standing~~ at any regular or special meeting, any one or more of the officers may be removed ~~with or without cause~~ by a majority of the members ~~in good standing~~ and a successor may then and there or thereafter be elected for the remainder of the term to fill the vacancy thus created. Any officer whose removal has been proposed by the members ~~in good standing~~ shall be given an opportunity to be heard at the meeting.

**3. Former members who have not been active for a period of one or more calendar year will submit an application for membership as in 2. above.**

## IX. MEETINGS

- Meetings shall be held monthly on ~~the 1<sup>st</sup> Saturday of each month~~ **a day, place, and time as voted on by the membership**, except when a holiday interferes. Date, time and place of the meeting shall be announced in the club newsletter. The President may, at his option, call special meetings.

**Under AMENDMENTS.....**Changes to By-Laws may be **a**ffected by a simple majority vote of the members present at any club



# BYLAWS - Proposed - REVISED WITH CHANGES

(as shown in RED Lined above)

## Club By-Laws-2014

Revised Date | 6/16/2014

Revised by By-Law Committee chairman R. Donald Hurlbut

### **RALEIGH DURHAM RADIO CONTROL CLUB BY-LAWS**

#### **I. NAME**

The formal name of this organization shall be "The Raleigh Durham Radio Control Club" and it shall be also known and designated by the short title "RDRC"

#### **II. OBJECTIVES**

The objectives of this club shall be:

- To promote the design, construction, and flying of radio controlled model aircraft.
- To promote the free exchange of ideas among members and other organizations of like purpose.
- To contribute to the sport, fellowship, and enjoyment of radio controlled model aviation.

#### **III. OFFICERS**

The officers of this organization shall consist of a President, a Vice-President, a Secretary, Treasurer, Safety Officer, and Newsletter Editor.

#### **IV. DUTIES OF OFFICERS**

1. President: The President shall:

- Preside at all club and officers' meetings. (with general membership invited).
- Appoint committees as necessary.
- Act as executive officer of the organization.
- Appoint, annually, a two member audit committee to audit the treasurer's records and report to the open membership the status of same.

2. Vice-President: The Vice-President shall:

- Assume the duties of the President during the absence of the President.
- Act as chairman of all permanent committees.



# BYLAWS - Proposed - REVISED WITH CHANGES

## (as shown in RED Lined above)

3. Secretary: The Secretary shall:

- Keep a record of all meeting minutes and make available to membership.
- Carry on any necessary correspondence.
- Keep any other records necessary to his office including an accurate club roster.
- Be responsible for the maintenance of the Club membership records.

4. Treasurer: The Treasurer shall:

- Be responsible for collecting dues.
- Be responsible for collecting any money owed to the organization.
- Be responsible for paying out of the treasury any money owed by the organization.
- Keep adequate financial records.
- Make periodic financial reports.
- Shall transfer funds between accounts as necessary.

5. Safety Officer: The Safety Officer:

- Shall develop RDRC Field Rules that are in accordance with the AMA Safety Code and ensure that these rules are posted at the field.
- Is empowered to order any individual to cease any unsafe operations.
- May prohibit the operation of any aircraft, which would pose a safety threat at that time.
- In the event of repeated disregard of the RDRC Field Rules may recommend to the President that disciplinary measures be taken.
- At meets or contests may conduct safety inspections of all aircraft prior to first flight at the event.
- May appoint deputies to assist him/her in establishing a safe operating environment.

6. Newsletter Editor: The Newsletter Editor shall:

- Be responsible for the monthly publication of the club newsletter.
- Alert club members to proposed rule changes and club activities.
- Correspond with magazine editors, other club editors, and equipment manufacturers relative to RDRC Club activities.
- The express purpose of the newsletter is for the dissemination of club news, events, activities, and items of interest to members. Note, this medium is not for the purpose of airing personal opinions, especially those that may create animosity among the membership.

## V. ELECTIONS, NOMINATIONS and TERM of OFFICE

Officers for each year will be elected at the November club meeting. The officers to be elected are; President, Vice-President, Secretary, Treasurer, (or Secretary / Treasurer,) Safety Officer and Newsletter Editor.



# BYLAWS - Proposed - REVISED WITH CHANGES

## (as shown in RED Lined above)

- If there are two candidates for an office a majority of votes cast will determine the winner. If there are more than two candidates, the candidate receiving more than 50% percent of the votes cast will win. If there is no majority the two candidates receiving the most votes will compete in a run-off ballot.
- Written, secret ballots will be used. A quorum comprises 10% of the paid up membership of the club. Proxy votes are not permitted.
- A slate of officers will be nominated at the September club meeting. No nomination of any person will be made without an indication of that person's willingness to serve.
- The term of office for all officers is one year, commencing on January 1, and ending on December 31<sup>st</sup>. Officers for each year will be installed on January 1st of the New Year. If the President is unable to complete his term of office the Vice-president shall assume the Presidency. If any other officer is unable to complete his term of office the President shall appoint a successor to serve out the un-expired term.
- Removal of Officers:

Upon a petition of Fifty percent or more of members at any regular or special meeting, any one or more of the officers may be removed by a majority of the members and a successor may then and there or thereafter be elected for the remainder of the term to fill the vacancy thus created. Any officer whose removal has been proposed by the members shall be given an opportunity to be heard at the meeting.

## VI. MEMBERSHIP

There are five classes of membership:

1- Open; 18 years of age or older.

(Note: only Open Members are eligible to vote at meetings)

2- Family; Members of the immediate family of an Open member living in the same household.

3- Youth; Less than 18 years of age.

4- Student; FULL TIME students ONLY

5- Associate; Member of another AMA chartered club.

6- All members of this organization shall:

- a. Be a member of the Academy of Model Aeronautics. Evidence of AMA membership must be provided each year with the payment of dues.





# BYLAWS - Proposed - REVISED WITH CHANGES

## (as shown in RED Lined above)

- b. Not violate any of the club or field rules, the standards of good sportsmanship or good conduct at any meeting or flying session. In the event of alleged violation of this section the following procedure will be followed:
- It is the responsibility of every Club member to bring any observed serious violations of the field rules or conduct detrimental to the Club in general to attention of the President, or the Vice President or Safety Officer who will refer the matter to the President. The matter will be held in the strictest confidence and not be discussed with anyone not involved.
  - If the President deems the incident to be of sufficient importance, or is a repeated offence he may appoint an ad hoc Investigating Committee comprising three Club members, one and only one of which must be either the Vice President or the Safety Officer. The complainant must be prepared to meet with the accused person. No anonymous complaints will be considered.
  - The Investigating Committee will exist for 90 days or until it submits it's report, whichever occurs first, and then will be dissolved.
  - The Investigating Committee will investigate the incident(s), first interviewing the complainant, then any witnesses, and finally discuss the matter with the person accused of the infraction. During the investigation the accused person may request a meeting with the complainant and the witnesses. The accused will be given an opportunity to respond to any and all accusations and will be treated in a courteous manner at all times during the investigation. The Committee will not discuss an ongoing or completed investigation with anyone except the individuals involved. The recommendations of the Committee will be communicated only to the President. The Committee must submit a report within 90 days from the date of appointment.

At the conclusion of the investigation, the Investigating Committee will provide a written report of its findings to the President. This report will include a recommendation of action to be taken. The only actions that may be recommended are:

No action, Formal letter of warning, or Expulsion from the Club.

The report will include a record of the votes of the three Committee members.

Upon receipt of the report of the Investigating Committee the President will take the following action;

- If the recommendation is "no action" the matter is closed, and no record of the proceedings will be retained.



# BYLAWS - Proposed - REVISED WITH CHANGES

## (as shown in RED Lined above)

- If the recommendation is a letter of warning the President will prepare such a letter that will be mailed or personally presented to the accused. At the discretion of the President an announcement of this disposition of the case may be made at a Club meeting or in the Newsletter. The Secretary will retain the Committee report and a copy of the letter of warning for a period of two years.
- If the recommendation is expulsion the President will make an appropriate motion at the next regularly scheduled club meeting. The report of the Committee will be presented so that the members present may make an informed decision. The content of the report of the Committee will not be recorded in the minutes. A secret ballot will be taken. There is no requirement for prior notice in the Newsletter. Expulsion requires a two-thirds affirmative vote of the members present. The 10% quorum rule prevails and no proxy votes are permitted. In the event of expulsion the President will prepare a letter stating the action, which will be sent by certified mail to the expelled person. The expelled member will not be reimbursed any annual dues that have been paid. The Committee report, a copy of the letter of expulsion and a copy of the canceled dues refund check, if applicable, will be retained by the Secretary for a period of two years.
- An ex-member who has been expelled may apply for membership under Section VIII of these By-Laws after a period of two years from the date of expulsion. Such an application will be considered as a new membership and will be subject to the Capital Assessment fee, see Section VI.

## VII. DUES

The dues structure of this organization is as follows:

1. Effective January 1, 2015 the dues of the organization will be payable annually on or before the 1st. day of January. No grace period is allowed. Dues will not be accepted unless evidence of AMA membership for the year is provided.

2. Each adult member who joins the club will pay a \$55.00 initial Capital Assessment fee (one time only). All current members of the club who are less than 18 years of age are required to pay this fee when the age of 18 is attained. Full time students who attain the age of 18 are also required to pay this fee.

3. New Open memberships starting at any time other than January 1 will pay dues pro-rated at  $\frac{1}{4}$  the annual dues per quarter for the balance of the year. All other classes of membership will pay the entire dues regardless of the date of joining. Members who are late paying their dues must still pay the entire yearly dues amount plus a \$10.00 late fee.

4. The dues of this organization shall be set as follows:

- a. Open Membership - \$125.00 per year.



# BYLAWS - Proposed - REVISED WITH CHANGES

## (as shown in RED Lined above)

b. Family Membership - \$10.00 each for children under the age of 18, and spouse of open members' family in same household.

c. Youth Membership - \$25.00, less than 18 years of age.

d. Student Membership - \$25.00. Must be FULL TIME student.

e. Associate Membership -\$50.00, for current members of another AMA chartered club.

The dues structure may be reviewed as needed based upon a financial report prepared by the Treasurer. Any changes will require an amendment to these By-Laws.

### VIII. APPLICATION FOR MEMBERSHIP

An applicant for membership shall:

1. Be an active radio control modeler.
2. Show proof of membership in the AMA
  - The applicant will attend and be introduced at a regularly scheduled club meeting at which time their application for membership will be voted upon by the members present. This does not apply to Family Members.
3. Former members who have not been active for a period of one or more calendar year will submit an application for membership as in 2. Above.

### IX. MEETINGS

- Meetings shall be held monthly on a day, place, and time as voted on by the membership, except when a holiday interferes. Date, time and place of the meeting shall be announced in the club newsletter. The President may, at his option, call special meetings.
- Meetings will be conducted in accordance with Roberts Rules of Order (Newly revised). The Secretary will take minutes of all business conducted at the meeting. The Secretary will maintain a file of minutes. This file will be passed on to subsequent Secretaries.
- For official business to be conducted at a meeting a quorum of 10 percent of the paid up membership must be present to vote on any actions or motions. Unless otherwise stated in these By-Laws a simple majority vote will pass any action or motion. Voice votes or a show of hands will be used; unless the presiding officer deems it appropriate to call for a secret ballot in which case the Secretary will count and record the votes.



# BYLAWS - Proposed - REVISED WITH CHANGES

## (as shown in RED Lined above)

### X. COMMITTEES

The President has the power to appoint any committee, both standing and temporary, as he sees fit. Any standing committee appointed by a President will terminate at the expiration of his term of office

### XI. ALCOHOL AND ILLEGAL SUBSTANCE POLICY

No alcoholic beverages or illegal substances are permitted at any time at the RDRC flying site. The RDRC flying site comprises the flying field, the flight line, the pit area, the spectator area and the parking area. For the purposes of this policy alcoholic beverages include beer, wine and liquor as well as all illegal substances. If any pilot or spectator is perceived to be under the influence of alcohol or illegal substance, they shall be asked to leave the property.

### XII. AMENDMENTS

Amendments to the By-Laws may be considered at any club meeting. Changes to By-Laws may be affected by a simple majority vote of the members present at any club meeting, provided that the proposed change has been presented in the newsletter prior to the meeting. Voting on amendments shall be laid on the table for 30 days from date of motion.

### XIII. FINANCIALS

#### 1. BUDGET

- A calendar year budget shall be presented to the club by the October meeting so that a club vote for approval can be made at the November meeting.
- Upon an approved budget, officers can authorize spending up to that dollar value in the defined categories however a club vote will be needed if the dollar value within a budget category will be exceeded.

#### Core Categories are:

- Banking Fees – Club related banking fees
- Electric – Electrical Service
- Field Maintenance - Projects
- Information Technology – Web Hosting, DNS Entry, Web Cams, & support equip.
- Mowing – Field landscape services
- Office Supplies –Paper, stamps, envelopes, printer ink cartridges
- Porta Potties - Restrooms
- Rent – Yearly lease payment



# BYLAWS - Proposed - REVISED WITH CHANGES

## (as shown in RED Lined above)

- Sanctions – AMA club charter & Fly-ins
- Additional Categories can be added/deleted prior to the preparation for that year's budget or added via a club vote post fact.

## 2. INCIDENTAL EXPENDITURES

The Treasurer is authorized to disburse a maximum \$300.00 per occurrence for club related expenses, when approved in advance in writing by any two officers of the Club. The written approval may be provided by FAX or E-Mail, followed up by hard copy. Officers who may approve expenditures are; President, Vice President, and Secretary.

### Procedure

- The person requesting the funds will prepare a written request including a brief description of the project to be funded, an estimate of the total amount, and the amount of advance, if required. This request must be approved by two Officers of the Club. If an advance is approved the Treasurer will provide a check made out to the person requesting the funds. When the project is finished an itemized accounting with appropriate receipts will be provided to the Treasurer for reimbursement.
- In the event of an urgent need, at the discretion of the approving Officers, the request for funds and approval may be made verbally, to be followed up with a written request as described above. However no disbursement of Club funds will be made without full documentation and approval.

## 3. YEAR END SUMMARY (RECORD BOOK CLOSING):

- A final year-end expense report shall be prepared and documented with the club secretary and membership. The report shall be made available to the membership by the end of January of the New Year.
- The report will contain the following:
  1. The current years approved budget
  2. All club related Bank year end statement summaries
  3. Total dollar value of membership income already paid for next season
- Outstanding bills till year end
- The Secretary position will hold onto this information for at least 5 years and will be passed along as new officials take this role.

Revised By-Laws respectfully submitted by the 2014 By-laws Review Committee: 6/16/2014

Don Hurlbut, Chairman

Members: Larry Lewis, Ken Wade, John Dunning, Pat Taggart, Ed Radiel



# Notices—Upcoming Events

Please remember that the next Monthly Meeting will be held at the RD-RC field  
Saturday, August 2, 2014 @ Noon

## July

### NC

**7/26/2014** -- Mt Pleasant, NC (C) SMITH LAKE FLYERS ELECTRIC FLY IN. Site: Bernie Smith Aerodrome. Gilbert Cofer CD PH: 704/455-5385 Email: [gcofer@vnet.net](mailto:gcofer@vnet.net). Visit: [smithlakeflyers.org](http://smithlakeflyers.org). All sizes of electric aircraft welcome. Field opens at 9am. \$10 landing fee. Lunch at noon. 550' grass runway with 200' fabric section. NC Hwy 49N, right on Cold Springs Rd (just past Cabarrus Arena) right on Mt. Pleasant Rd, left on Barrier Store Rd. Sponsor: SMITH LAKE FLYERS

## August

### NC

**8/9/2014 - 8/10/2014** -- Conover, NC (C) CVRC FUN FLY FOR SIPES ORCHARD HOME. Site: Club Field. Mark McClellan CD PH: Email: [markmcclellan@charter.net](mailto:markmcclellan@charter.net). Visit: [www.cvrccflyers.com](http://www.cvrccflyers.com). 14/1533. This is a fund raiser for Sipes Orchard Home. Come out and have fun with us and help a good cause. Visit website for directions. Flying from 9am-? Sponsor: CATAWBA VALLEY RCERS

**8/16/2014** -- Monroe, NC (C) MODEL AVIATION DAY FLY IN. Site: Charlotte Aeromodelers Field. Rodger Adams CD PH: 704-541-6832 Email: [rodgera@bellsouth.net](mailto:rodgera@bellsouth.net). Visit: [www.charlotteaeromodelers.org](http://www.charlotteaeromodelers.org). Come fly with us at our first class RC facility. All types of planes and flying welcome in celebration of National Model Aviation Day. Details will be posted at [www.charlotteaeromodelers.org](http://www.charlotteaeromodelers.org) Sponsor: CHARLOTTE AEROMODELERS INC

**8/16/2014** -- Randleman, NC (C) WARBIRDS OVER DIXIE NATIONAL MODEL AVIATION DAY. Site: Ccrc Airfield. William Garner CD PH: 336-869-3431 Email: [cmickeyjr@triad.rr.com](mailto:cmickeyjr@triad.rr.com). Visit: [ccrcm.com](http://ccrcm.com). 14/1642. National Model Aviation Day benefitting the Wounded Warrior Project. Any size, any power, any era. Special Awards. \$10 landing fee. Registration at 8am. Radar speed check available. Gold leader club field with 700'x60' grass runway. You may register and pay at either [rcflightdeck.com](http://rcflightdeck.com) or the event. Sponsor: CENTRAL CAROLINA MODELERS

**8/21/2014 - 8/24/2014** -- East Bend, NC (C-Restricted) RCEFF RAMS CLUB ELECTRIC FLIGHT FESTIVAL. Site: Rams Club Field. Gerald Simmons CD PH: 336.985.3696 Email: [rcsonyt@gmail.com](mailto:rcsonyt@gmail.com). Visit: [riversiderc.com](http://riversiderc.com). RCEFF/Rams Club electric flight festival. Field open all week for early arrivals. Food served Friday-Sunday. Multiple sponsored. camping, no hook ups. Contact Tont Simmons 336-817-1070 or Tim King Co/CD 336-414-8673. See website for more information. Sponsor: RIVERSIDE AERO MODELERS SOCIETY

**8/30/2014 - 8/31/2014** -- Mooresville, NC (A) LAKE NORMAN DLG F3K CONTEST. Site: Rcwingersfield. Paul Grieshaber CD PH: 704.224.5344 Email: [pmgrieshaber@gmail.com](mailto:pmgrieshaber@gmail.com). Visit: [www.rcwingers.com](http://www.rcwingers.com). 14/1646. Check the Hand Launch Events on [rcgroups.com](http://rcgroups.com) for more information. Sponsor: RC WINGERS

## September

### NC

**9/6/2014** -- Elm City, NC (C) FALL AMA FLY IN. Site: Towncreek Field. A Gentry CD PH: 252/343-3961 Email: [wn4z462@centurylink.net](mailto:wn4z462@centurylink.net). 14/78. Camping- No hook ups, AC power and restrooms. Sponsor: TARHEEL R/C FLYERS

**9/13/2014 - 9/14/2014** -- Asheville, NC (C) THE PAT HAGAN MEMORIAL LAND OF THE SKY SPA MEET. Site: Old County Landfill. Will Hicks CD PH: 828-891-3776 Email: [cd@abaeromodelers.org](mailto:cd@abaeromodelers.org). Visit: [www.abaeromodelers.org](http://www.abaeromodelers.org). 14/1476. Come on out and enjoy our Annual SPA Meet. Friday is a practice day. This event is great fun and we're sure you'll enjoy the festivities. Spectators welcome and lunch will be available Saturday. See ya there! Sponsor: ASHEVILLE-BUNCOMBE AEROMODELERS



# Notices—Upcoming Events

Please remember that the next Monthly Meeting will be held at the RD-RC field  
Saturday, August 2, 2014 @ Noon

## SEPTEMBER

### NC

**9/13/2014** -- Roanoke Rapids, NC (C) ROTORHEAD RALLY. Site: Club Field. Frank Mintz CD PH: 434-577-9133 Email: [frank.mintz@gmail.com](mailto:frank.mintz@gmail.com). Visit: [www.95thsquadronrc.com](http://www.95thsquadronrc.com). Calling all Rotorheads! Join the 95th squadron in a day of rotor flying fun. All heli multi copters welcome. No FW flying. \$10 landing fee w/door prizes. Lunch available on site. Raffle tickets available for great prizes. 3 pilot stations available. Sponsor: 95TH SQUADRON

**9/13/2014** -- Statesville, NC (C) CHARITY FUN FLY. Site: Statesville Model Flyers. Gary Barnes CD PH: 704-677-5339 Email: [gary.gbeng@yahoo.com](mailto:gary.gbeng@yahoo.com). Visit: [statesvillemodelflyers.org](http://statesvillemodelflyers.org). Come help us support the Dove House. Fly what you bring. Anything goes. Lunch will be available. Camping allowed, no hook ups. 800x75 grass runway. Landing fee 10\$ Sponsor: STATESVILLE FLIERS RC CLUB INC

**9/13/2014** -- Vanceboro, NC (C) SOUTHERN AIR RC FALL FLY IN. Site: Gaskin Field. Michael Zaytoun CD PH: 252-229-9161 Email: [michael@zaytoncustomcabnets.com](mailto:michael@zaytoncustomcabnets.com). 14/751- Beautiful 100x600 grass runway. Pilot fee \$10. Registration 9am. Primitive camping Electric power on site for electric guys. Great food & Fellowship. Pilots prizes and raffle prizes. Sponsor: SOUTHERN AIR R/C CLUB

**9/19/2014 - 9/21/2014** -- Youngsville, NC (C) FLY FOR TOTS. Site: Rdrc Club Field. Lawrence Lewis CD PH: 919.215-3946 Email: [rclarry@aol.com](mailto:rclarry@aol.com). Visit: [www.flyfortots.com](http://www.flyfortots.com). 14/911. Annual "Fly for Tots" charity event. Any type plane welcome. Awesome raffle prize, Great food, Vendor row. Beautiful facility. All proceeds go to "Victory Junction" Camp for kids. [www.victoryjunction.org](http://www.victoryjunction.org). \$20 landing fee. Sponsor: RALEIGH DURHAM RADIO CONTROL

**9/27/2014** -- Brown Summit, NC (C) 4TH ANNUAL GRAMS FUN FLY. Site: 7790 Doggett Rd. Steve Vergamini CD PH: 36-430-2512 Email: [svergamini@triad.rr.com](mailto:svergamini@triad.rr.com). Visit: [www.greensbororadioaeromodelers.com](http://www.greensbororadioaeromodelers.com). 14/1375. Combination of Fun fly with concurrent outdoor Tailgate Swap meet. Fun fly open to all aircraft and heli. All sizes, all power ok to fly. Outdoor Swap meet- You sell from your trailer trunk or van. Concessions available on site. Fun fly pilots fee \$10. Swap meet space rental of \$10 or \$15 to register for both. Sponsor: GREENSBORO RC AEROMODELERS

## October

### NC

**10/4/2014** -- La Grange, NC (C-Restricted) ECRC BIG BIRD FLY IN. Site: 4357 Countyline Rd. Andrew Thompson CD PH: 919-920-2882 Email: [multirotornc@gmail.com](mailto:multirotornc@gmail.com). Visit: [ecrcflyers.com](http://ecrcflyers.com). 14/195. This event is restricted to Giant Scale 80" Mono 60" BiPlane or true 1/4 scale. Long grass runway, primitive camping only, Concessions on site, Pilots raffle. Sponsor: EAST CAROLINA RCERS

**10/4/2014** -- Mt Pleasant, NC (C) SMITH LAKE FLYERS FLOAT IN. Site: Bernie Smith Aerodrome. Allan Ostrander CD PH: 704/791-2518 Email: [onewhitefeather@aol.com](mailto:onewhitefeather@aol.com). Visit: [www.smithlakeflyers.org](http://www.smithlakeflyers.org). All size planes. Flying begins at 9am until 4pm. Easy launch and retrieval. Boat on site. \$10 landing fee. Lunch at noon. NC HWY 49N from Concord, NC right on Cold Springs Rd (just past Cabarrus arena). Right on Mt. Pleasant Rd. Left on Barrier store rd. Right on Smith Lake Rd. Look for signs. Sponsor: SMITH LAKE FLYERS



# Support Your Vendor



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Orlando, Florida 32810



**Raleigh Hobby**

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If you know of any Hobby shops you would like to have advertised in our newsletter please get their business card to me so I can add them. **It is a FREE ad!**







# Safety Officer's Report

## John Knoy

I was informed at the field this weekend that some folks were having loss of control issues with Spektrum radio systems. While I, personally, have had no loss of control issues (with the Spektrum or JR equipment I have been flying for many years) there is good discussion about some issues Spektrum had with the AR6000 series receivers back in the 2011 time frame.

I simply Googled "spektrum receiver brown out" and found lots of true information on "brown out" issues. Gotta be true because I read this stuff on the internet.

My point is, if you have not, take a few minutes and read about this brown out issue. I have, personally, in working with others to locate reasons for loss of signal, have found draggy (technical term) push rod links, hinges that were glued so that the hinge could not "hinge", servo travel that ran to the extreme limit and jammed the servo causing excessive power drain, poor soldering connections causing intermittent power, loose servos, and the list goes on.

Regardless of the brand, today's radio equipment is incredibly reliable by design compared to the stuff from the dark ages when I started this journey.

Have you ever disconnected a push rod from a servo and manually activated a control surface with that push rod to see what kind of resistance there might be in moving the control surface? Try this and see if you find a difference in effort from one aileron to the other one. Glue gets into hinges. The servo arm and control arm may not be in good alignment causing binding. Your clevis arrangement from the push rod clevis to the servo or the control surface control arm may be in a bind. Control surfaces can get glued too close to the trailing edge of the wing, horizontal or vertical stab causing actual binding at some point between the two surfaces well before full travel happens on the control surface. If you do not catch these issues, excessive power drain will happen each time that surface is used. Batteries do not like this!! When batteries do not like this, they tend to drain faster than they should and receivers do not get sufficient power and the receivers reboot. This happens to receivers, all brands. Has been happening for years. Prior to a 2.4 receivers, the problem was little discussed. Spektrum receivers, initially, rebooted on low voltage, but took a while to do so. Futaba 2.4 receivers rebooted as well on low voltage, but were programmed to reboot in significantly less time than the Spektrum brand, so Spektrum got all the attention. Now Spektrum receivers reboot much quicker and the problem seemed to be less an issue.

Soil Compaction Tests can cause binding in ways that you would never imagine.

Have you ever tested the power drain on individual servos by putting a meter between the servo lead and the receiver? If you do this, you might see that one aileron is drawing more power than the other, or that the different control surfaces vary wildly all over the plane, or that one or two servos are drawing way more power than the others. Did you know that digital servos draw more power than analog servos?

Point here is that there are a number of factors that can cause low voltage to the receiver, which is the reason, as I know it, for loss of signal or "brown outs".



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**Submittals:**

All club members are urged to submit material to be published in the newsletter. The material should be received by the third Saturday of each month. Text is easily submitted in the form of regular mail or e-mails sent to my address above, photos can be attachments in any format that your camera produces (or scanned photos).



**Next Meeting:  
Saturday,  
August 2  
@ Noon  
at the  
RD-RC Field**

Thoughts from the windsock...

If you know anyone that is not receiving this newsletter but should be, then please forward **that person's email address to me. That way,** I can get newsletters out to that person.



Check out your aircraft for mechanical, electronics, batteries and air worthiness. THINK spring is here, now is the time to FLY those repaired and NEW BUILDS!!

Fly SAFELY, Courteously and Respectfully!  
*Come out and share in the fun!*

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