

# The Aerogramme

Official Publication of the NorthEastern Drone Society

March 2016  
AMA Club #187



## Officers:

### President:

Curt Gould

### Vice President:

Matt Dauteuil

### Secretary:

Ron Vernier III

### Treasurer:

Gary Warzocha

## Instructors:

### Aero/Glider

Billy G. 860-429-1046

Ron V. 860-205-3277

### Aero/Heli/

### Multicopter:

Greg W. 860-508-2394

Rich P. 860-614-3915

### Aero:

Matt D. 860-228-2059

### Introductory Pilots:

Rich P.

Ron V.

### Field Marshals:

Don M.

Ray B.

## Minutes of the NEDS February 4, 2016 meeting.

Started promptly at 7:00pm with 17 members present.

### Treasurer Report:

- Income	\$ 626.95
Donation	\$ 20.00
Dues	\$ 192.00
Investment Income	\$ 39.95
- Expenses	\$ 1413.88
AMA Renewal	\$ 120.00
Incorporation Fee	\$ 50.00
D&O Insurance	\$ 595.00
Porta John	\$ 138.25
Postage	\$ 9.75
Raffle Prizes Holiday	\$ 500.88
- Net Loss	\$ 786.93
- Cash & Checking	TBA
- Investment Account	TBA

### New Members:

- Calvin G. started flying rc at 12 years old, now is 46.
- 

### Old Business:

- New Years Day Fly was a blast, not to cold (all things considering). It was a nice day, 17 members there to fly and support one another. Didn't see any crashes, but people were still flying after I left at 1.
- By-Laws update, the articles are updated and here is a list of the numbers changed:

### New Business:

- Try to adhere to the 400' actual ground level (AGL) or lower rule from the FAA.
- Flying Logs need to be filled out. There were only 13 people who turned logs into Gary, this is a requirement. If you were at the field for any reason, there needs to be a log filled out, it could read: watched people walk dogs in field, or watched club members fly, or flying. It is a simple thing to do and a requirement of the permits.
- Insurance Snap-fu, the AMA insurance for the club was sent out prematurely. Our insurance matches our fiscal year, so the documents being released this early isn't a problem, just an error on their part.
- FAA Registration needs to be done, but is not enforced by the club. If there is an issue with the FAA, it will fall onto the person who owns the aircraft.
- Audubon Society of Connecticut has banned drone use over the sanctuaries. This shouldn't affect the NEDS field because it is controlled by the CT DEEP.

## Demonstrations:

- Curt (being board and wanting to do something) built his own motor test stand. It measures voltage, amperage, rpm, and amount of thrust, picture below.

## Raffle:

- Greg W. won the Foam Safe CA, just in time for the building contest.

## Events:

- Meeting: March 3, 2016 7:00pm, Mansfield Public Library.
- Meeting: April 7, 2016 7:00pm, Mansfield Public Library.
- Building Contest, April 7, 2016 7:00pm, Mansfield Public Library.
- NEDS Float Fly Sunday June 5, 2016, 10:00am Mansfield Float Fly Area.
- NEDS Float Fly Sunday July 24, 2016, 10:00am Mansfield Float Fly Area.
- NEDS Float Fly Sunday September 25, 2016, 10:00am Mansfield Float Fly Area.

Meeting adjourned at 7:35pm, recorder Ron V.

## Club By-Law Updates:

- When and what was updates under club bylaws on page 4.
- New Article 4 changed to Acknowledgement of Risk & Waiver Claims.
- New Article 5 added the field marshals to Board of Directors.
- New Article 6 updated and written more clearly.
- New Article 8 updated to more current terminology.
- New Article 11 has been updated.
- New Article 12 has a new policy for new membership starting in October.
- Old Article 12 has been removed ( to qualify for AMA gold status).
- Article 14 has a majority voting added.
- Article 15 has been updated to meet our DEEP obligations.
- New Article 15/16 has an updated operation rules for Mansfield.
- New Article 18 has a few changes.
- New Article 21 has been added.
- New Article 22 has been added.
- New Article 24 has been added.
- Added, see and avoid guidance from the FAA.



A lot has changed, please take the time to read through the new and old articles. If you approve, please email yes or come to the meeting to voice your opinion. The work presented is not just the thoughts of one person, but a collaborative of the 2016 Board of Directors. If there is any question, please don't hesitate to reach out and ask.

## ***NEW Article 4 – Acknowledgement of Risk & Waiver of Claims***

Members acknowledge that participation in the hobby of Radio Controlled Flying involves a certain degree of risk of injury. In view of the fact that the NorthEastern Drone Society is a not-for-profit organization, members agree to release, hold-harmless, and waive all claims associated with Club activity which they may have against the NorthEastern Drone Society, its officers, directors, agents, volunteers and members.

## ***New Article 5 – Officers, Directors and Field Marshals.***

**Section 1.** The officers of this club shall be:

1. A President Bylaws and Safety Handbook NorthEastern Drone Society, Inc. 5
2. An Executive Vice-President
3. A Secretary
4. A Treasurer

**Section 2.** The Directors of this club shall be:

1. A Director / Field Marshall
2. A Director / Field Marshall
3. A Director At-Large
4. A Director At-Large
5. A Director At-Large

**Section 3.** All officers and directors shall be club members in good standing.

## ***OLD Article 4 - Officers and Directors.***

**Section 1.** The officers of this club shall be:

1. A President
2. An Executive Vice-President
3. A Secretary
4. A Treasurer
5. A Vice-President, Field Marshal
6. A Vice-President, Field Marshal

**Section 2.** The Directors of this club shall be:

1. A Director, Vice-President At-Large
2. A Director, Vice-President At-Large
3. A Director, Vice-President At-Large

**Section 3.** All officers and directors shall be club members in good standing.

## ***NEW Article 6 – Duties.***

-The President chairs club meetings and ensures all club functions are performed by delegating duties to volunteers and committees and shall act as spokesman for the club in all matters pertaining to it.

-The Executive Vice President shall act for the President whenever he is unable to serve, chairs club meetings in the absence of the President, and runs raffles at the meetings.

-The Secretary shall keep minutes of all meetings, processes the Club renewal with the AMA and the State of Connecticut Incorporation renewal, and field permits.

-The Treasurer shall collect dues, keep a list of members in good standing, and keep records of money received and spent by the club.

-The Officers and The Directors At Large shall constitute the club's Board of Directors, which body shall conduct election of officers as stated in Article 7. The Directors shall, together with the six officers be entitled to make decisions regarding the expenditure of club funds and decisions on matters of general policy.

-The two Field Marshals shall enforce the safety rules of the club and of the AMA and shall impose fines (as defined in this document) as necessary and at their discretion.

(Note: the duties as stipulated above may be modified or reassigned as necessary.)

### **OLD Article 5 - Duties.**

The President shall preside at all meetings of this club and shall act as spokesman for the club in all matters pertaining to it.

The Executive Vice President shall act for the President whenever he is unable to serve. The Secretary shall keep minutes of all meetings and assist the President with club correspondence. The Treasurer shall collect dues, keep a list of members in good standing, and keep records of money received and spent by the club. The two Vice President Field Marshals shall enforce the safety rules of the club and of the AMA and shall impose fines (as defined in this constitution) as necessary and at their discretion. The Directors, Vice Presidents At Large shall constitute the club's Board of Directors, which body shall conduct election of officers as stated in Article 7. The Directors shall, together with the six officers be entitled to make decisions regarding the expenditure of club funds and decisions on matters of general policy.

### **NEW Article 8 - Elections.**

The Board of Directors shall set forth a list of names for all officers and directors in the newsletter the November Annual Meeting of each year. Additional nominations may be taken from the floor by any two members. Each officer and director shall be elected by majority vote of the members present and voting. The election of officers and directors shall occur at the November meeting of each year.

### **OLD Article 7 - Elections.**

In accord with CGS 37-453, The Board of Directors shall set forth a list of names for all officers and directors in the newsletter one month before the November Annual Meeting of each year. Additional nominations may be taken from the floor by any two members. Each officer and director shall be elected by majority vote of the members present and voting. The election of officers and directors shall occur at the November meeting of each year.

### **NEW Article 11 - Quorums.**

At any club meeting, a quorum shall be any four officers plus an additional eleven members or twenty-five members. Should total club membership drop below the quantity required for a quorum, all club business will then be decided by a majority vote of the Board of Directors.

### **OLD Article 10 - Quorums.**

At any club meeting, a quorum shall be any four officers plus an additional eleven members; or twenty-five members, whichever number is less.

### **NEW Article 12 - Dues.**

Dues are payable once a year covering the period from April 1 to the following March 31. The renewal of a membership must be paid by the end of the April meeting or the membership will be considered to have lapsed. Members ages 19 and above will be \$48 per year. Members under the age of 19 will pay \$18.00 per year. Membership dues shall not be pro-rated for joining in the middle of a membership year except for new members who join after October 31. Their first year dues will be applied through the following membership year. Family Membership - Effective March, 1997, the first family member shall pay the full current membership price, and each additional family member shall pay 1/2 the current membership price per year.

### **OLD Article 11 - Dues and Initiation fees.**

Dues are payable once a year covering the period from April 1 to the following March 31. The renewal of a membership must be paid by the end of the April meeting or the membership will be considered to have lapsed. Members ages 19 and above will be \$48 per year. Members under the age of 19 will pay \$18.00 per year. No initiation fees shall be applicable. Membership fees shall not be pro-rated for joining in the middle of a membership year. Family Membership - Effective March, 1997, the first family member shall pay the full current membership price, and each additional family member shall pay 1/2 the current membership price per year.

## **OLD -REMOVED- Article 12 - Maximum Membership. -REMOVED-**

Total membership shall be limited to a maximum of 115 members. Once the maximum is reached, anyone applying for Membership will be placed on a waiting list until such time as the membership drops below 115. When the membership drops below the maximum of 115, then each person on the waiting list will be accepted in turn until the maximum of 115 is reached again.

## **NEW Article 14 - Amendments.**

Amendments may be made to this constitution and by-laws at any meeting of the membership, provided the members shall have been notified in writing in the newsletter, which notice shall also include a voting ballot. The newsletter, including the language of the proposed by-laws change and the voting ballot shall be in the issue immediately preceding the meeting in which the vote on said change is to be taken. Passage of the by-laws change will be based on the result of the vote at said meeting and the newsletter voting ballots received without regard to how many members are in attendance at that meeting. A 2/3's majority, of those voting, is required to amend the by-laws.

## **OLD Article 14 - Amendments.**

Amendments may be made to this constitution and by-laws at any meeting of the membership, provided the members shall have been notified in writing in the newsletter, which notice shall also include a voting ballot. The newsletter, including the language of the proposed by-laws change and the voting ballot shall be in the issue immediately preceding the meeting in which the vote on said change is to be taken. Passage of the by-laws change will be based on the result of the vote at said meeting and the newsletter voting ballots received without regard to how many members are in attendance at that meeting.

## **NEW Article 15 - Flying Site Safety.**

The following rules are to give you an idea of what is expected of you at the flying field, and what you can expect of others. Don't be concerned by the length of the list—it takes a lot of space to write them, but only a few minutes to read them. Most of them are based on common sense.

1. The official AMA *Safety Code* and all safety rules contained in the *AMA Model Aircraft Regulations* book shall be applicable to all flying activity at the field (a copy is included in this document).
2. All flyers must have a current AMA license and a current *NorthEastern Drone Society* club membership card which must be displayed upon request of a club member or park ranger.
3. Members under the age of 18 must have a responsible adult present to fly.
4. The use or possession of alcohol or illegal drugs is forbidden at club sites and/or activities.
5. Flying times are dictated by our DEEP use permits and may change from year to year. Generally speaking flying activity shall not be conducted before 10:00 AM. At Coventry or 9 am at Mansfield Hollow. Float fly times will be announced. All flying activity is to cease at sundown.
6. Flying activity shall be conducted in accordance with DEEP Use Permits.
7. Under no condition shall a transmitter be turned on before the frequency has been secured with the appropriate frequency control pin. You must bring your own frequency pin and secure it to the frequency control board installed at the field. Release the frequency when you have finished flying by removing your frequency pin **after** your radio has been turned off. (This section does not apply to 2.4GHz transmitters.)
8. Turbines, due to field size, are not to be flown at either of the club fields.
9. A muffler must be employed on all engines so as to meet the applicable NEDS sound rules. (Effective

1-1-89, engines cannot exceed 95 dBA measured at 3 meters.)

10. Any club member may bring an occasional guest flyer to the field. The guest flyer must have a current AMA card in his possession and must comply with all field safety rules. It shall be the responsibility of the member to inform the guest of the flying regulations and for the guest's conduct.

11. Radio-controlled airborne activity shall have absolute priority use of the flying field. Control line activity shall be permitted only if conducted without interfering with or causing hazard to RC activity. Control line flying shall be conducted well away from RC flying and parked vehicles.

12. You are responsible for any and all actions by yourself, your guests, and by your children. This includes damage to property including aircraft and equipment. Any question of value of goods damaged or destroyed may, in the event of a dispute, be resolved by a committee appointed for the occasion by the club president.

13. Clearly recognizable frequency flags must be attached to the transmitter antenna (not applicable to 2.4 GHz transmitters).

14. All flyers and airplanes should congregate in a closed pit area. A loosely spread pit area does not allow for close communications to warn of dangers and misuse of frequencies.

15. A flyer shall not willfully and deliberately fly his model in a careless, reckless, or dangerous manner.

16. Engines are not to be started or ran in the pit area, only in the designated starting area.

17. During high activity periods, beginner or novice flyers must employ the assistance of an experienced flyer.

18. Pilots are responsible for performing safety checks of models before each flight.

19. All flyers must fly from the flight line, a position immediately forward of the pit area; not from the middle or opposite side of the field, except for special circumstances; helicopter flying and pylon racing practice, etc.

20. Turns after takeoff and approaches for landings shall be conducted in such a manner to prevent flights over the pits, spectators, or parking area; in other words, away from the flight line.

21. Pilots are to comply with the AMA's "See and Avoid Guidance" (copy is included in this document) when manned aircraft are in the area. Make every effort to avoid flying in the proximity of low-flying full-scale aircraft, and when necessary maneuver your model aircraft to a position to avoid even a possible near flight to a full-scale aircraft. All flyers must warn each other of possible upcoming near flights to full-scale aircraft.

22. Flights of any sort are prohibited over the pits, spectators, flight line, or parking area.

23. High-speed low passes and touch-and-go landings shall be announced and conducted in such a manner to prevent a potential hazard to other flyers and spectators.

24. When an approaching model appears to be potentially hazardous to other flyers or spectators, it shall be the duty of all observers to yell "HEADS UP" or use other appropriate language to warn of the approaching danger.

25. The flyer of a dead-stick approach shall clearly and loudly warn all persons of his dead-stick ap-

proach. The pilot of a dead-stick aircraft shall have priority over all others to land.

26. No taxiing in pit or parking areas including walkways to the flight line. You must maintain physical contact with your model until you reach the flight line (i.e., no taxiing on the pits-side of the flight line).

27. No more than two persons (preferably one) shall retrieve a model stranded in the landing area. Do not allow young children to retrieve or even help retrieve a model stranded in the landing area.

28. Pilots should announce their intentions to fellow pilots and observers on the flight line.

“On runway” (when retrieving or placing plane)

“Taking off left to right or right to left”

“Landing left to right or right to left”

“Clear” when clear of the runway. Call your landing. This makes other pilots at the flight line aware of a landing aircraft.

29. When retrieving a model stranded in the landing area be extremely cautious of approaching aircraft. It is very difficult for flyers to see a person in the landing area while they are making landing approaches. An observer shall warn persons in the landing area of approaching aircraft.

30. Vehicles other than field maintenance vehicles shall not be driven onto the flying field.

31. During periods of field maintenance and mowing, flying should be halted until the runway is clear.

32. Do not leave trash on the field. Trash is anything that didn't grow there.

33. The gate at the entrance to the flying field at Mansfield should never be left unlocked, even if your buddy is “two minutes behind you”. The gate at the Coventry field can be left open only while members are flying.

34. Be considerate to your fellow flyers. Beginners shall always have the right-of-way in the air.

35. Fly with a “spotter” whenever possible (a spotter is required at Mansfield). A spotter can tell you when pedestrians are walking by the end of the runway or when full-scale aircraft are passing by at low altitude.

36. Repeated violations of the safety rules may result in the expulsion of the violator from the Club by majority vote of the Officers and Board of Directors.

37. Fines will be \$1.00 for each violation of flying safety. In order for fines to be levied, the violation must be witnessed by a Field Marshall or any two or more club members.

### ***OLD Article 15 - Flying Site Safety.***

1. There shall be no willful flying allowed directly over any vehicle, spectators, the dam, or beyond the row of pine trees east of the dam.

2. There shall be no take-offs or landings within 50 feet of any parked vehicle.

3. There shall be no taxiing within 50 feet of any parked vehicle, except when the pilot shall have physical contact with the model.

4. Individuals are responsible for performing safety checks of models before each flight.

5. Any flying considered to be reckless or unsafe, as adjudged by other members in attendance at the field is prohibited.

6. Repeated violations of safety rules may result in the expulsion of the violator from the club by majority vote of the officers and board of directors.

7. Pilots will fly standing together on one side of the runway closest to the pits except for special circumstances: helicopters, pylon events and practice, etc.

8. All pilots will notify other pilots and bystanders of their intention to land or take off.
9. Fines will be \$1 for each violation of flying safety.
10. In order for fines to be levied, the violation must be witnessed by the Field Marshal or any two or more members.

### **OLD Article 16 - Sound Level Rule.**

1. All aircraft must pass the club noise standards.
2. The pilot is responsible for having his aircraft and engine combination within club limits.
3. Any club member may ask for a testing or prior testing results of any aircraft or engine combination.
4. The club standard on or after January 1, 1989 is as follows: The maximum noise level shall be 95 dBA measured at three meters (9 feet 10 inches) from the centerline of the model with the model placed on the ground. With the engine running at full power, measurement will be taken 90 degrees from the flight path on the right-hand side and downwind from the model. The microphone will be placed on a stand 30 centimeters (11.8 inches) above the ground in line with the engine. No noise-reflecting objects shall be nearer than three meters from the model or microphone. Models failing the noise test will not be allowed to fly.

### **NEW Article 18 - New Members.**

Prospective new members are encouraged to attend a meeting and make application in person. For membership approval applicants will need to present a valid AMA card, and first year's dues to the club Treasurer. Upon approval of their application they will be given a copy of the club Bylaws and Safety Handbook, along with officer and trainer information, and a red membership card. The red membership card signifies they are new to the club and have not yet passed a flight proficiency test. No new members, no matter how much experience he/she has, will be allowed to fly solo at club fields until the Flight Proficiency Test is passed, the member demonstrates knowledge and understanding of the club safety rules, and they are issued a white membership card.

### **OLD Article 17 - New Members.**

Prospective new members must attend a meeting and make application in person (this rule can be waived under special circumstances such as persons regularly working the second shift). They will need to present a valid AMA card, initiation fee, and first year's dues to the club Treasurer. At this time they will be given a copy of the club Bylaws and Safety Handbook, and should be assigned to a flight instructor. No new members, no matter how much experience he/she has, will be allowed to fly solo at club fields until the Flight Proficiency Test is passed, the member demonstrates knowledge and understanding of the club safety rules, and their membership card is signed by a designated instructor.

### **NEW Article 21 – Termination.**

1. RESIGNATION: Any member in good standing may resign his/her membership by giving written notice to the Club.

2. TERMINATION:

If any member ceases to have the qualification necessary for membership in the AMA, his/her membership in the Club shall thereby terminate, subject to reinstatement upon restoration of eligibility.

3. EXPULSION: This section provides for enforcement of the Safety Rules that are related to flying activities or any other unacceptable behavior by an individual member or members. Any individual may be expelled from membership from the Club by a two-thirds (2/3) majority vote of the members at the next regularly scheduled meeting, if in the officers' determination, such individual willfully commits any act or omission which is a violation of any of the terms of these Bylaws, or the Rules of the AMA, or which is detrimental to the Club, the AMA, or to model aviation.

4. REINSTATEMENT: A two-thirds vote of the members at the next regularly scheduled meet-

ing is required for reinstatement to the club.

5. GRIEVANCE PROCEDURE (FLIGHT AND SAFETY RULES): The grievance procedure provides a mechanism to enforce existing safety rules by providing a progressive disciplinary system when needed. Although most complaints can be resolved informally, if a complaint is serious or cannot be resolved informally, the matter should be referred to the Safety Committee for its consideration by means of a Grievance Form to be filled out and turned into the Safety Committee Chairman. At least one witness is required to sign the Grievance Form.

The Safety officer/Committee shall use its judgment in carrying out action on the following:

- a. A grievance form will be filled out and turned into the Safety Officer/Committee Chairman. At least one witness is required.
- b. FIRST VIOLATION: Viewpoints of both complainants and accused will be considered. Complainant's name will be disclosed. A verbal reprimand will be given to the accused by the Safety Officer/Committee, and this will be recorded in the Club records.
- c. SECOND VIOLATION: Complainant's name will be disclosed. The accused has the right to a written rebuttal, to be reviewed by the Club Safety Officer/Committee. If the Committee so decides, the flying privileges of the accused will be suspended for thirty (30) days. Written notice of this shall be issued and recorded in Club records
- d. THIRD VIOLATION: Safety Officer/Committee will notify the accused in writing and the Club members will vote on the expulsion of the accused at the next meeting. Said expulsion will last for a one-year minimum. A member may be expelled from the Club only upon a two-thirds (2/3) majority vote of the membership present at the meeting. Voting will be by secret ballot at a regular monthly meeting. The expelled member may reapply for membership after the expiration of the expulsion time period.
- e. The three actions will not be enforced unless they are accumulated within a two-year period of time.
- f. Any member receiving a Grievance, who directs any retaliation action against the person filing said grievance, will be subject to immediate expulsion from the Club. This is to include threats, intimidation, physical harm, intentional equipment damage, or any other action deemed to be retaliatory by the Club Officers.

### ***NEW Article 22 – Use of Photographs and Videos.***

By joining the club and attending its functions members agree to allow the NorthEastern Drone Society (NEDS) and its members to take photographs and or video of them and hereby grant permission for these to be used by NEDS in the Club's web site, Social Networking Sites, Newsletter and promotional materials.

### ***NEW Article 24 - DISSOLUTION OF CLUB.***

The duration of the club shall be perpetual. The club may be dissolved with the approval of two-thirds vote of those members voting. It will then be incumbent on the Officers to file the necessary documents for the legal Dissolution of the Club as a non-profit corporation. All expenses to be paid by the Club.

## NEDS MEMBERSHIP APPLICATION FORM

1. Complete form, include a photocopy of your AMA membership ID card and return to Treasurer.
2. Dues are \$18 per year if you are under 18, otherwise the cost will be \$48.

NAME: \_\_\_\_\_

STREET: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

**Applicant Certification: I agree to abide by the club rules, by-laws and AMA Safety Code. If under 18 years of age, Parent/Guardian must print and sign their name for the applicant.**

SIGNATURE: \_\_\_\_\_

Printed Name

Of Parent/Guardian: \_\_\_\_\_

**Mail to: NEDS Care of Gary Warzocha, PO Box 115, Hampton, CT 06247**

If applicant joins after October 31, the membership will be paid in full for the following year.

**www.NEDSincT.org**

Place  
Stamp  
Here

Ron Vernier III  
206 Twin Hills Drive  
Coventry, CT 06238