

**NEXT MEETING**

Wednesday Jan 4, 7:00 PM

Zoom ID: 896 9380 1176

Passcode: RAMS

2020 CLUB OFFICERS**President:**

Jeff Wisneski

n4sjeff@yahoo.com

Vice President:

Tim Welch

sailor071644@gmail.com

Treasurer:

Tom Young

oneeagle2@yahoo.com

Secretary:

Bob Glowienka

bobg1@wi.rr.com

Safety Coordinator:

Phil Schumacher

philsch@sbcglobal.net

NEWSLETTER EDITOR

Mike McCullough

ramsrc.editor@gmail.com

MILWAUKEE CO R/C**ASSOCIATION DELEGATES**

Tom Young

Bob Glowienka

The RAMS Horn

At the Next Meeting

Officer Elections

Happy Holidays and Happy 2021! We are all hoping this will be a better year than the last.

At last month's meeting, we held nominations for the positions of President, Vice President, and Treasurer. We did not receive nominations for two positions at the meeting, but we did later on. Thank you to our nominees for volunteering to help the club. We will vote on the following positions during the January meeting:

President—Tim Welch

Vice President—Mark Polzin

Treasurer—Tom Young

It's now January 2021 and time to renew your club and AMA memberships. Remember to have your AMA be covered for the whole 2021 year! Since we are not physically meeting anymore, we will all have to mail our field license application, check, and proof of AMA/insurance to **Tom Young**. Tom's address is on the application, which is attached.



At the Field

We Got Snow!

At the end of December, we got our first measurable snowfall. The temperatures and winds have been fairly decent and has allowed for some ski flying.

▼ **Mike McCullough** takes out his Midwest Aero-Star on pontoons for the first snow flight of the season.

▼ **Joe Milanowski** flies his Sport Club at the field to brush up his skills. Joe is returning to the hobby and the club after some time off. Welcome back!



Call Out to Members

Multiplayer Virtual Combat, Anyone?



Do you have Real Flight versions 7, 8, or 9? Would you be interested in playing a virtual combat session with your fellow club members? If so, send an email out to the club using the groups address: RamsRC@groups.io

It's quite fun and challenging. Three clubs members have already tried this out. Not only can you play a traditional streamer cut combat but also have the option of the planes firing paintballs or dropping bombs to score points against your opponents.

Legally Speaking...

FAA's Final Rule for Remote ID



You should have received an email from the AMA that they are reviewing the FAA's final rules for Remote Identification for unmanned aircraft. The FAA has published a whopper of 470 pages on the matter.

- Operators have 30 months to comply with the new rules.
- FAA-Recognized Identification Areas are where unmanned aircraft are allowed to fly without remote ID. There is no limited period on when these site can be created. Applications will be accepted in 18 months.
- Recreational operators (like us) will only have to register with the FAA once and not each aircraft.

Overall, this is a win compared to their initial rules and should not significantly change the way the RAMS field operates.

Executive Summary

https://www.faa.gov/news/media/attachments/RemoteID_Executive_Summary.pdf

The Whole Document:

https://www.faa.gov/news/media/attachments/RemoteID_Final_Rule.pdf

Builder's Tip

Bending Fuel Tubes without the Kinks



From the workbench of **Angie Traut**, Angie figured out that if you don't have a pair of tubing benders, you can string a piece of 3D printer filament through the tube and bend it by hand without fear of the tube kinking up or breaking. In this case, the Ninjaflex 1.75mm fits through the standard 1/8" brass tubing that is supplied with most fuel tanks. This would also work well in conjunction with the bending tool.

FIELD LICENSE APPLICATION

Milwaukee County R.C. Flying Field
7000 West Oakwood Road, Franklin, WI

This field is operated by the Rainbow Aero Modelers Society (RAMS Club) on behalf of the public interest under permit from the Milwaukee County Parks Department.

Name: _____ Phone: _____

Address: _____ Email: _____

City: _____ State: _____ Zip Code: _____

Emergency Contact Phone Number: _____

- I hereby certify that I have a valid current membership in the Academy of Model Aeronautics (AMA) to fulfill the requirement that I am protected with liability insurance in the operation of my R.C. model aircraft. **Include photocopy of AMA card.** Applications are accepted without a copy of the AMA card, however the Field License will not be issued until AMA membership is confirmed.

This option includes membership in the RAMS club (AMA chartered club #1264). All persons who obtain this license may use this flying site, without having to join the RAMS Club. If you do not want to be a member of the RAMS club, check here:

AMA Number: _____

- In lieu of AMA membership, I hereby certify that I have and will continue to maintain for as long this license is valid, at least \$1,000,000 per occurrence of liability insurance including coverage for the operation of R.C. model aircraft. Include photocopy of proof of coverage such as Agency's Certificate of Insurance, Insurance Card, or Policy Page. This option does not include membership in the RAMS club.

Company Name: _____

Policy / Rider Numbers: _____

I hereby certify that "I have read, understand, and agree to obey the enclosed Field Rules." "To the best of my knowledge, the information on this application is truthful and correct."

Signature

Date

The field license fee is \$70 (\$35 Minors) before August 1 or \$35 (\$17.50 Minors) on August 1 or later (reduced fee is only for those that did not have a field license last year). Make check payable to "Rainbow Aero Modelers Society". The field license will be valid thru December 31. Please submit this application form, the field license fee, and photocopied proofs to:

Tom Young (RAMS Treasurer)
2247 S 72nd St
West Allis, WI 53219
414-327-4705
oneeagle2@yahoo.com

RAMS FIELD RULES

Milwaukee County R.C. Flying Field

7000 W. Oakwood Rd., Franklin, WI

Adopted February 4, 2009, Latest Amendment June 7, 2017

General

1. Power to enforce these rules has been vested in the RAMS Club by Milwaukee County through its land use permit with said club.
2. A warning or suspension of flying privileges for any period of time may be issued by any club officer for violations.
3. The RAMS Safety Coordinator and any other designated person may ground any pilot up to 7 days.
4. Any club officer may close the field for safety reasons.
5. A pilot must have a valid Field License issued for this field and AMA Liability Insurance (Academy of Model Aeronautics) or equivalent. Minors must have Youth AMA and either be under a family or their own field license. Club officers may deny a field license and/or RAMS membership to rules violators.
6. No free flight or control line model aircraft flying is permitted.
7. No alcoholic beverages permitted anywhere on this property.
8. No pets are allowed on the property.
9. No vehicles are allowed on the field.
10. Trash baskets are not supplied. Take out what you bring in.
11. A parent, or legal guardian, or adult Field License holder must accompany all minors under 16 years of age.

Courtesy

11. Visitors may only fly on 1 occasion as a guest of a pilot with a current field license, if the visitor has AMA liability insurance.
12. Pilots shall conduct themselves in a courteous and sportsmanlike manner at the field. Offensive language and behavior are prohibited.
13. Exclusive use of the flying site by clubs for events such as contests or fly-ins is allowable with RAMS Club approval.
14. Limit frequency use to 15 minutes if another pilot is waiting on your frequency.
15. Mufflers required on all 2-stroke engines over .10 cu. In. displacement. Tuned pipes must also have a muffler section.

Flying Areas

17. The field is separated into a north and south flying area divided by a line proceeding east along the east / west fence line to the woods.
18. Helicopters and FPV must only fly in the south area except if no airplanes are present at the field, then helicopters and FPV may also use the north area. Any aircraft may use any area with prearrangement of pilots present.
19. Airplanes must only fly in the north area except if no helicopters or FPV are present at the field, then airplanes may also use the south area.
20. Airplanes may take-off and land through the south area by pre-arrangement or if the wind is Northwest or Southeast.

Radio Use

21. Do not turn on your transmitter unless your field license is clipped properly on the frequency control board, even if the transmitter uses spread spectrum.
22. New or repaired radios and models must be range checked before flight-testing.

Ground Safety

23. Children are permitted on the field only when receiving instruction from a club Flight Instructor or if they hold a current field license.
24. Pilots must stand at a designated pilot station when flying.
25. No walking beyond the pilot stations, except to launch or retrieve aircraft. Announce "on the field".

26. The use of metal propellers is strictly prohibited.
27. Excessive running of engines in the pits or on the flight line is prohibited. Use the designated engine run-up area.
28. No flying while field cutting or field maintenance is taking place unless mower operator or maintenance workers give permission, but in no case can flying take place near the mower or workers.
29. The speed limit for all vehicles is 5 miles per hour at all times.

Flying Safety

30. Beginners absolutely may not fly without the assistance of a club Flight Instructor. All fixed wing flight instruction shall be via the dual transmitter-trainer cord (buddy box) system.
31. New field license holders must demonstrate their flying ability to a club Flight Instructor before flying at the field.
32. Field license holders that have not flown in more than one year or are moving to a higher performance aircraft are strongly encouraged to seek the assistance of a club Flight Instructor or Check Pilot.
33. Large scale aircraft as defined by the AMA must be inspected by a Check Pilot before their first flight at the field.
34. Check Pilots and Flight Instructors are not liable for damage to aircraft.
35. No more than 4 airplanes are permitted in the air at one time.
36. No flying over or behind the flight line.
37. A spotter is encouraged always.
38. Launch lines for sailplanes must not be laid across runway zone, nor across prevailing wind direction.
39. Pilot must announce intention to launch and land, then move to a pilot station after launch.
40. Music headphones may not be worn while flying.

Combat and Group Flying

41. Announcements should precede combat or group flying.
42. Pilots already flying are entitled to complete their flight.
43. Combat and group flying should take place further than normal from the flight line.
44. Pilots engaged in combat or group flying are not restricted to flight stations.
45. Combat and group flying may have any number of airplanes in the air at one time.

Turbine Powered Aircraft

46. A pilot flying a turbine powered aircraft must have a current AMA turbine waiver and may fly only under established AMA turbine waiver rules.
47. After notifying all pilots present of their intention to fly, a pilot with a turbine powered aircraft shall have sole use of the field for the duration of their flight.

Helicopters

48. Absolutely NO spooling of rotor blades in the pit area.
49. Hold the rotor head at ALL times in the pit area. Get assistance if necessary.
50. A helicopter for a new field license holder must be inspected and approved by a competent helicopter pilot who holds a current field license.
51. No aggressive high speed maneuvers toward the pit area.

Keep this copy for your records