



# Flypaper

## Flying Electrons Mission:

**“To advance the RC flying hobby by providing a safe and enjoyable environment for RC pilots of all skill levels.”**

Issue 669      April 2017      Club Charter 667



## Club Officers:

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## Club Meetings

Second Sunday of month 7:00 pm

De Marini's Restaurant

N88 W15229 Main Street

Menomonee Falls, WI 53051

## Flying Site:

N61 W17000 Kohler Lane

Menomonee Falls, WI

[www.flyingelectrons.com](http://www.flyingelectrons.com)

## President's PreFlight

“Give a person a fish and you feed them for a day; teach that person to use the Internet and they won't bother you for weeks.” - Author Unknown

### FlyingElectrons.com v3.0

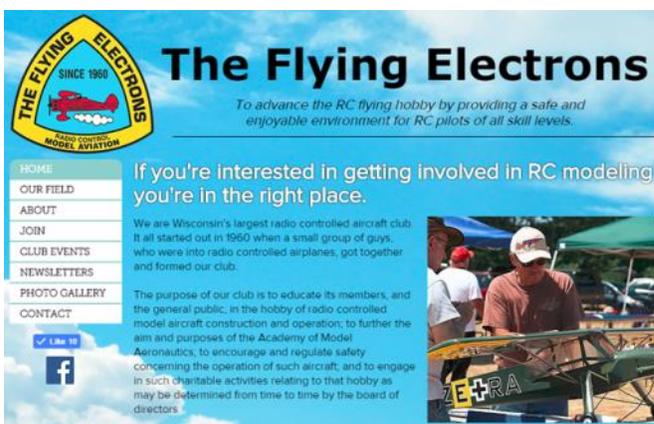
One of the main focus areas of last year's club survey dealt with how we communicate with club members and the general public. Based on the responses, it was clear that the club web site was a hot-button issue.

More than 80% of the respondents said they rarely, if ever, used the club web site. Some of the comments made included the need to keep the site up-to-date with fresh content and to improve the overall navigation to make things easier to find.

Well, I'm happy to report that we just recently launched a new and improved version of our web site. Along with the fresh graphics, comes a completely redesigned navigation menu.

The menu options are clear, logically organized, easy to find, and lead a visitor directly to the information they're looking for. We also have easy access to club documents, such as our membership application and field rules.

Some of the site's new features include interactive Google Maps to our club field and club meetings, along with a weather widget right on the home page that gives the current weather conditions in Menomonee Falls. We even have a photo gallery that showcases the many events we host at our field each year.



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## The Flying Electrons - Photo Gallery

Check out some of the fun we have.



One of the more exciting new features is that the site is now fully responsive. A “responsive” site is one that automatically adjusts its display based on the type of device it’s being displayed on.

This means that the site now looks nice and functions properly on mobile devices such as phones, and tablet computers.

This is important because Google’s search engine has now started ranking non-responsive web sites lower in search results. Our new responsive design will ensure the best possible placement in Google’s search results.

I’d like to thank the board for its input into the new design, along with our former webmaster Paul Daniel for his years of service as the club’s webmaster. If you’re one of the 80% of survey respondents that said you rarely, if ever, used the web site, I encourage you to give it a try again. I think you’ll like what you see.

### Field Clean-Up Day

Our annual field clean-up and repair day is scheduled for April 22, 2017 beginning at 9:00 AM (rain date April 29th). The main project on the docket is to put a new roof on the storage shed. The board has approved the purchase of a metal roof this time around. There will be plenty to do, especially since we need to tear off the old roof before putting down the new felt and metal panels.

If you don’t like working on slanted surfaces, you can help rake gravel back into the parking lot, fix wobbly tables, and clean out the shed. There’s got to be a ton of stuff in there that can be thrown out. Mark your calendars and come out to help.

Now is the time to get your flying contraptions tuned up and ready for the regular flying season. It’ll be here soon enough. I can’t wait.

Joe



**Next Meeting:**  
***April 9th Sunday 7:00pm***  
**DeMarini’s N88 W15229 Main St**  
**Bring Yourself, a Friend, and an Aircraft!**

# Name That Plane: April by Tim Roliff



## March Aircraft-The IOMAX USA Archangel

Archangel, an armed surveillance aircraft manufactured by IOMAX USA, is designed to provide military and special forces with improved precision strike capabilities against fixed and moving targets over land and at sea.

It is the Block 3 evolution of the Air Tractor AT-802 agricultural aircraft and can be deployed in intelligence, surveillance and reconnaissance (ISR), border security, law enforcement, counter-terrorism, maritime patrol, stand-off precision strike, medium / low intensity conflict, and counter piracy, as well as counter-drug, and disaster relief missions. The aircraft was unveiled at the Paris Air Show 2013 and completed maiden flight in July 2014. Correct answers were submitted by: Ron Romans, Dan Franklin and Henry Reed.



## Name That Plane Contest Details:

- Check each issue of Flypaper for the current "mystery aircraft" photo
- Send your answer via email to: [namethatplane@sbcglobal.net](mailto:namethatplane@sbcglobal.net) .
  - ⇒ Please note - answers will only be accepted by email and only at this address
- Any Flying Electrons member that responds correctly and attends that months meeting will be entitled to a free raffle ticket
- Tickets must be claimed in person at the current month's meeting only
- There will be no Name the Plane contest in December
- Winners will be listed in the following month's newsletter and announced at our meeting
- Open to current Flying Electrons members only
- Suggestions for future mystery planes are welcome
- Send your comments or suggestions to [namethatplane@sbcglobal.net](mailto:namethatplane@sbcglobal.net)





Our Mission:

*"To advance the RC flying hobby by providing a safe and enjoyable environment  
for RC pilots of all skill levels"*

Flying Electrons Membership Meeting Minutes, March 12, 2017

Call to order: 7:10 PM by Vice President John Kreitzer

President Joe Burzinski was excused.

Headcount 26

**Are there any guests, new members?**

- None

**Are there any promotions?**

- None

Acceptance of the November, 2016 meeting minutes were accepted

**Treasurer's report**

- Cliff reported on the Income and expenses
- A possible deficient if memberships do not increase

Remember to renew with the AMA and Electrons for 2017 !

**General discussion about the Christmas party held to get input from the membership**

That the club subsidized the party by \$ 1,700.00 and the board believes that this is not sustainable. The assembled membership wanted to stay at Davians even if they would have to pay \$ 25.00 per person. A straw vote was taken and 20 of 26 agreed. It was stated that 35% of the clubs budget was used to subsidize the party. 20 of 26 members had no issue with this. A suggestion was made to invite other RC club members. To have the party on a different date.

**RC Association February Meeting**

- Update from Pete and/or Tom Kunath
- Less money than last year.
- Attendance at swap down
- Raffle way down

Continued on next page .....

- Update on the new venue
  - ◊ Jim Zahorik is looking into the Washington County Fair grounds for a Jan 28 2018 date
- Events from all the clubs set
- Setting budget for 2017
- A straw vote was taken about the Washington County venue
  - ◊ 20 of 26 thought it was a good idea

#### **Proposed events for 2017**

- Discuss May Fun Fly and any ideas identified at the Board meeting regarding Milwaukee RotorCross
  - ◊ Invite them to a meeting to discuss their club
- Get closure on Night Flight and Fright Fest Fun Fly's
  - ◊ Too early to know now
  - ◊ Timmerman will need to be notified, if there is going to be flying after dark for an event

#### **Field Clean-Up Day**

- Date/Time/Tasks Discuss later
- Board will inform membership at a later date

#### **Report on indoor flying at STiKS Academy**

- Hwy 164 and Hwy 59 south
- Tues and Thursday 9am- 3pm
- \$ 10.00 per day, flyers need to sign a waiver
- STiKS website will have other reserved times in the future
- Possible late night flying
- Aircraft, Heli's, and Quads all need to fly with plastic blades—No Carbon Fiber allowed

Frank Zagar was awarded the 2016 Chicken of the Year award, by the Screamin' Chicken Squadron at a dinner at Max-ims restaurant on March 5

#### **Club clothing update from Dave Schroeder**

- None

#### **Name That Plane**

This Months plane!



The Ayres Thrush, formerly the Snow S-2,[1] the Aero Commander Ag Commander and the Rockwell Thrush Commander, is an American low-wing agricultural aircraft produced by Ayres Corporation and more recently by Thrush Aircraft. It is one of the most successful and long-lived agricultural application aircraft types in the world, with almost 2,000 sold since the first example flew 61 years ago. Typical of agricultural aircraft, it is a single-seat monoplane of conventional taildragger configuration. Originally powered by a radial piston engine, most examples produced since the 1980s have been turboprop-powered. Winners were, Henry Reed, Dan Franklin and Ron Romans

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**Old business from members who are present**

- None

**New business from members who are present**

- Two free planes if anyone wants them.

**Open forum**

- Building issues, bad or good flights to learn from, questions

**Show and Tell**

- Roy Hippert brought in a chart of the inner workings of a J85-GE21A jet engine for a USAF F-5E and some carbon fiber turbine blades

**Raffle Winners**

- Ron Romans: UMX Corsair
- Tim Roliff: Servo labels
- Cliff Evans: Hot glue gun
- Jim Klappa: Transmitter hand warmer

Next membership meeting is at 7:00 pm on Sunday, April 09, 2017

Motion to close the meeting made by Pete Milewski at 8:07 pm

Submitted by Christopher Milbauer



# **FIELD CLEANUP DAY**

**Saturday – April 22nd**

**9:00am**

**(rain date 04/29)**



## **Drones Should Transmit Identifier for Security** By JOAN LOWY, Associated Press

The world's largest manufacturer of civilian drones is proposing that the craft continually transmit identification information to help government security agencies and law enforcement figure out which might belong to rogue operators.

DJI, a Chinese company, said in a paper that radio transmissions of an identification code, possibly the operator's Federal Aviation Administration's registration number, could help allay security concerns while also protecting the operator's privacy. The paper suggests steps that can be taken to use existing technologies to develop an identification system, and that operators could include more identification information in addition to a number if they wish.

Anyone with the proper radio receiver could obtain those transmissions from the drone, but only law enforcement officials or aviation regulators would be able to use that registration number to identify the registered owner. Law enforcement agencies and the U.S. military raised security concerns last year after FAA officials proposed permitting more civilian drone flights over crowds and densely populated areas.

In response, the FAA announced in January that it was delaying a public notice of the proposal while the agency works to address the concerns. On Monday, FAA Administrator Michael Huerta kicked off a three-day drone symposium in suburban Washington by announcing that the agency is forming an advisory committee to make recommendations on how to remotely track drones, as well as trying to facilitate a dialogue between government agencies and the drone industry on how best to address security concerns.

State and local authorities, as well as some industries, want to ban drone flights near certain sensitive sites, such as nuclear power and chemical plants. "How can we make sure unmanned aircraft don't gain access to sensitive sites? And after seeing how drones can be used for ill-intent overseas, how can we ensure similar incidents don't happen here?" Huerta told the symposium. "These aren't questions the FAA can or should answer alone."

A key concern is that there are no means for security agencies to differentiate between drones that may pose security risks from those that don't. Brendan Schulman, attorney for DJI, compared the identification transmissions to a car license plate. Lack of a license plate is reason for police to stop a car for a further look while letting cars with proper plates continue to travel by.

Last year, Congress directed the FAA to develop approaches to remotely identifying drone operators and owners, and set deadlines for doing so over the next two years.

Security concerns about civilian drones extend beyond the United States. Regulations have been proposed in Europe regarding technology to enable authorities to remotely identify drones. France and Germany have also called for remote identification technology. Italy and Denmark already include identification technologies in regulations that seem not to be enforced because a means of compliance doesn't yet exist, the DJI paper said.

FAA and drone industry officials have been discussing the possible creation of an online network that could be accessed by a mobile phone so that drone operators can submit flight plans before taking off. Those plans would be available to law enforcement and other government agencies and possibly to the public.

Airlines and other manned aircraft operators already submit flight plans to the FAA in order to receive air traffic control services. In 2011, Congress gave operators the ability to block public access to their plans if they wish.

A remote transmission system is preferable to a network that attempts to track or record the location of all drones in real time, which would be far more complex to develop and would expose the confidential information of drone users, the DJI paper said. That approach "would result in the collection and access to flight information by people who do not need it, such as far-away business competitors," Schulman said.



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Hobby / Recreational Flying

# What Can I Do With My Model Aircraft?

Having fun means flying safely! Hobby or recreational flying doesn't require FAA approval but you must follow safety guidelines. Any other use requires FAA authorization.

**AVOID DOING ANYTHING HAZARDOUS TO OTHER AIRPLANES OR PEOPLE AND PROPERTY ON THE GROUND**

- ✓ **DO** fly a model aircraft/UAS at the local model aircraft club
- ✓ **DO** take lessons and learn to fly safely
- ✓ **DO** contact the airport or control tower when flying within 5 miles of the airport
- ✓ **DO** fly a model aircraft for personal enjoyment
- ✗ **DON'T** fly near manned aircraft
- ✗ **DON'T** fly beyond line of sight of the operator
- ✗ **DON'T** fly an aircraft weighing more than 55 lbs unless it's certified by an aeromodelling community-based organization
- ✗ **DON'T** fly contrary to your aeromodelling community-based safety guidelines
- ✗ **DON'T** fly model aircraft for payment or commercial purposes



For more information about safety training and guidelines, visit [www.knowbeforeyoufly.org](http://www.knowbeforeyoufly.org)

For more information, visit  
[www.faa.gov/uas](http://www.faa.gov/uas)



**Federal Aviation  
Administration**

FH002436-1208

## 2017 Flying Electrons Meetings & Local Flying Events

Day	Date	Event	URL
Sunday	April 9th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Saturday	April 22nd	Field Cleanup (rain 04/29)	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	May 7th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Saturday	May 20th	May Fun Fly	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	May 21st	Swap Meet	<a href="http://www.larcc.com">www.larcc.com</a>
Sunday	June 11th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sat/Sun	June 24 or 25th	Electric Event	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	July 9th	Scale Event	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	July 9th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	August 13th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Thursday	August 24th	Jim Wahner Dead Chicken Lunch	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Friday	August 25th	Night Flight Delight	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sat/Sun	August 26th	Charity Event (rain date Sunday)	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sat/Sun	September 9th	Swap Meet (rain date Sunday)	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Saturday	September 9th	Lodi Fun Fly	<a href="http://www.larcc.com">www.larcc.com</a>
Sunday	September 10th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	September 16-17th	Pattern Contest	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Saturday	October 7th	Fright Fest Fun Fly	ON HOLD
Sunday	October 8th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	November 12th	Flying Electrons Meeting	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>
Sunday	December 10th	Christmas Party	<a href="http://www.flyingelectrons.com">www.flyingelectrons.com</a>