

Pikes Peak Radio Control Club

Newsletter



Volume 46 / Issue 01 / January 2018

AMA Club Number 179 / 2126 East Boulder Blvd / Colorado Springs, Colorado 80909
Phone: 719-329-1600 / Website: www.pprcflyers.net



Club President – Kevin Kinzel / Club Vice President – Greg Moore
Club Safety Officer – Greg Moore / Club Treasurer – Rod Hart
Club Airfield Maintenance Team – Chuck Brath, Kevin Kinzel, Dan Brunson
Club Flight Instructor – Ben Woofter / Club Secretary & Club Newsletter Editor – Keith Davis

<p>Next PPRCC Meeting: 7:00pm / January 2nd (Tue) 2018 @ Railroad Station / 555 E Pikes Peak Ave</p>	<p>Local RC events happening this month:</p> <ul style="list-style-type: none"> • PPRCC Frozen Needle Valve • Jefco Auction
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Last Month's

Minutes . . .

(December meeting)



Meeting Started: 7:00 pm
Meeting Adjourned: 8:00 pm

Members Attended: 23
New Members: 2 – Jim Kaddie and Dan Garrison, welcome!
Visitors: 0

New Business:

- 1) Club president Kevin Kinzel, Hoped that everyone had a great flying year and wishes everyone happy holidays.
- 2) Club Treasurer Rod Hart, spoke about the club's finances for the month of November. Although the club has a substantial amount of money in savings, much of it is reserved for the possibility of airfield relocation and cleanup.
- 3) Club Secretary Keith Davis, informed everyone with the recent increase in QUAD incidents reported, the FAA may reinstate mandatory UAS registration.

Old Business:

- 1) Be sure to renew your club membership. The airfield gate combination will be changed on 1 February 2018!

Airplane Anomalies



AMA Member Communication



Academy of Model Aeronautics

Email dated: Tuesday, December 12th 2017

Dear members,

Last month, we shared new information about the FAA's UAS registration requirement, which Congress has reinstated.

Today, we are writing to let you know that President Trump has signed this bill making UAS registration a federal requirement again, including for AMA members.

For more information and frequently asked questions, please visit our federal registration.

Kind Regards,
Government Relations

FAA Registration Website:

www.faa.gov/uas

**Generally asked questions from the FAA
website:**

What is an unmanned aircraft system (UAS)?

An unmanned aircraft system is an unmanned aircraft and the equipment necessary for the safe and efficient operation of that aircraft. An unmanned aircraft is a component of a UAS. It is defined by statute as an aircraft that is operated without the possibility of direct human intervention from within or on the aircraft (Public Law 112-95, Section 331(8)).

Is a UAS the same as a model aircraft?

Congress defined a "model aircraft" as a UAS that meets all of the following:

- Is capable of sustained flight in the atmosphere
- Is flown within visual line-of-sight of the person operating it
- Is flown for hobby or recreational purposes

Who do I contact if my question isn't answered on the UAS website?

We encourage you to first read all of the information on the website and browse our Frequently Asked Questions. If you still have questions or concerns, you may contact the FAA's UAS Integration Office via uashelp@faa.gov or by calling 844-FLY-MY-UA.

Is the Small UAS Rule effective?

Yes. The Small UAS Rule came into effect on August 29, 2016.

Now that the registration of UAS's is back in effect, this is what it means to you:

- If you fly any type of UAS (planes, helicopters, gliders, drones, Quads, turbines, etc), you must register with the FAA and get a FAA registration number. A fee of \$5.00 is required and the registration is good for 3 years.
- If you did previously register with the FAA and did not request a refund from the FAA, then your registration number is still good. If you did request a refund from the FAA and received the refund, then you must re-register.
- The FAA registration number must be posted somewhere on the outside of your UAS. The FAA website recommends the font and font size.
- If you decide to post the FAA registration number on the inside of your plane, the number must be accessible without the use of tools to view the number. (Unscrewing a wing or canopy).
- PPRCC does not inspect UAS's for FAA registration numbers. However, local authorities can inspect for FAA registration numbers.
- If your UAS is involved in an accident or incident and it is determined that your UAS does not have an FAA registration number on it, you can be fined up to \$25,000 depending upon the accident or incident.

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2017 Bob Burrows Award Recipient



In November 2017, fifteen of the thirty past Bob Burrows award recipients got together and discussed who should receive Burrows award for 2017. One individual was decided on, and it was announced during the December 2017 club meeting.

Rod Hart was voted for as the 2017 Bob Burrows award recipient. In the past few years, Rod has contributed tremendously to the club; as the club vice president and president, event coordinator for club events and recently becoming the club treasurer.



“2016 Bob Burrows award recipient Ben Woofter, hands over the award to the 2017 Bob Burrows award recipient Rod Hart. Congratulations Rod!”

All award recipients will have possession of the trophy for one year, receives a Bob Burrows plaque and one year free club membership.

The complete list of the club Bob Burrows award recipients can be found on the club website.

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Wind Speed Indicators



Club maintenance officer Chuck Brath, had a few wind speed indicators lying around his home, not being used. So he got with a few of the EC members to get approval to install them at the airfield, one on each of the shade stands.

Chuck donated the items to the club. They do not require batteries to operate, only wind power.



“Installed on the middle post, the wind speed indicator also has a wind arrow, giving a general direction of the winds.”



“The wind speed is given in MPH, the arrow pointing to 21 mph on this particular day.”

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Can You Name That Plane?



Clue #1: This heavy bomber flew late in WWII, a backup bomber in case the B-29 Superfortress did not meet expectations.



Clue #2: The plane did reach production status, 118 were built. The plane also achieved the honor of being the last U.S. bomber to drop bombs on an enemy during WWII.



Clue #3: The plane had the usual armament configuration as the B-29, .50 cal machine guns in remote control turrets. Additionally, it had two .50 cal machine guns and one 20mm cannon installed in each of the outboard nacelles, firing rearward. Two .50 cal machine guns were also installed in the outer wingtips, facing forward.

Clue #4: None of these planes exist today. However, many of its parts and pieces are on display at aviation museums throughout the U.S.

Last Month's Helicopter: It was the Sikorsky CH-37 Mojave. Doug Ransom had the correct answer and informed me that the U.S. Marines also flew this helo. That is correct, thanks Doug!

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Show & Tell Item - I



Duane Zinke's Diamond airplane



"Duane named this plane Diamonds. Built from a LT-40 design, GB-1 wing, kaos tail section and extra Piper Cub parts, he should have named it Patches! However, the diamond monokote covering came out really nice. The plane has a 69" ws and an O.S. 55ax engine. Duane has not flown the plane yet."

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25 Year Membership List Grows!



During the December club meeting, four more names were added to the PPRCC 25 year membership list.

The members were; Father and son Jim and Robert Wilkerson, Mike Weidner and Jim Workman. Jim and Robert were at the meeting and were presented their 25 year membership awards by the club president, Kevin Kinzel.

Mike Weidner and Jim Workman were not present at the meeting and their awards were mailed to them. Congratulations to all!



“Club president Kevin Kinzel (left) presents the 25 year club membership awards to father and son Jim and Rob Wilkerson.”

If you have been a PPRCC member for 25 years or more or coming close to that 25 year mark, please contact club secretary Keith Davis and he will get your name on the list.

The complete 25 year club membership list can be found on the club website.

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Do You have a story, article or a photo that you would like to share with the club? Get it to me at:

Lkdavis03@hotmail.com

Keith Davis: PPRCC Newsletter Editor

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When the last person leaves the airfield, the gate should look like **A** or **B**?

A:



B:



The correct answer is **B (Closed)**!

PPRCC wishes everyone a . . .



2018 PPRCC
Frozen Needle-Valve

Event takes place: Monday 1 Jan 2018



PIKES PEAK RC CLUB
FROZEN NEEDLE VALVE FLY IN

Monday January 1st 2018
9:00 am until the last fingers are frozen!
Location: PPRCC airfield off Judge Orr Road
4 miles east of Meadow Lake Airport

Breakfast snacks and warm drinks will be available
for the early arrival flyers

Open to club members, guests, visitors. All types of
aircraft welcome. Group photo at 10:00 am

www.pprcflyers.net

2018 Jefco
Auction

Event takes place: Saturday 27 Jan 2018



Welcome to the Jefco Aeromod'lers RC
Club

Annual RC Auction!

Saturday, January 27, 2018 ~ 8am – 6pm

NEW LOCATION! – ARAPAHOE COUNTY

FAIRGROUNDS

25690 East Quincy Ave, Aurora, CO ([Click here for map](#))

Don't miss out on this great opportunity to buy and sell RC aircraft and accessories! Have a great time visiting with your flying buddies and meeting new people.

Last year there were over **500** items for sale at the auction, with **110** sold via Buy-It-Now and **200+** registered sellers/buyers.

For the 2018 Auction:

All buyers/sellers must register. You can pre-registration prior to the event (\$10) or register on-site at the door (\$15). There is no fee for spectators. Pre-Register [here](#). Pre-Registration ends Friday, January 19, 2018 – Midnight.

Items for sale should be checked in at the event on Friday, January 26, 2018 – noon to 5 pm.

Proceeds to benefit the endeavors of the Jefco Aeromod'lers RC Club and its mission to support and promote the hobby of flying RC

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More FAA Registration Questions & Answers



Email dated: Tuesday 19 Dec 2017

Q: If I already registered, do I have to register again?

A: You will not have to register again since this bill simply reverses the John Taylor case. We will share more as details emerge.

Q: Do I need to register again if I requested a refund and asked to be removed from the registration list?

A: You will need to re-register only if you received FAA confirmation that your request to be removed the database was honored.

Q: I did not request a refund/removal from registration database, will my registration number and expiration date stay the same?

A: Yes, your registration number and expiration date will remain the same unless you requested that the FAA remove your information from the database, and received FAA confirmation of this removal.

Q: How do I register?

A: You can register at <https://registermyuas.faa.gov>. If you need assistance, please call 877 396 4636.

Q: Do I have to register every aircraft?

A: You only need to register your name, physical address, and email address once. You will receive a single FAA registration number which is to be placed inside all of your aircraft along with your AMA number.

Q: Do only drones and multirotor operators need to register?

A: Anyone who flies a model that can freely navigate in the air and uses a remote control device (e.g. RC transmitter) is required to register. This includes drones, traditional fixed wing model aircraft, model helicopters, and other remote controlled model aircraft. If you exclusively fly models under .55 pounds, indoors, control line, or free flight models - you do not need to register.

Q: Do I need to list both my AMA number and my federal registration number on my aircraft?

A: Yes, you need to list both your AMA number and Federal registration number on your aircraft. We are advocating to allow members to use their AMA numbers. We believe an AMA membership already meets the intent of registration, but at this time place both numbers on your aircraft.

Q: How does UAS registration affect my membership?

A: AMA club or member benefits are not contingent on UAS registration. We encourage all members to follow Federal regulations, but we are not policing UAS registration.

Q: Should clubs, contest directors, or event leaders require all pilots be registered?

A: No, we are not asking our clubs or contest directors to police UAS Registration. That decision is up to each individual club and event leader.

Q: I am an Affiliate Member, do not live in the US, or I am not a US Citizen. How do I register?

A: Everyone, including foreign nationals and tourists, who operate a UAS for hobby or recreational purposes outdoors in the U.S. must use the FAA's online registration system. These non-U.S. citizens or non-permanent U.S. residents will receive the same registration certificate as U.S. Citizens or permanent U.S. residents. However, this certificate will function as a "recognition of ownership" document. This document is required by the Department of Transportation for foreign nationals to operate legally in the US.

Visiting pilots can only use a computer with a United States IP address to register. When arriving in the states, pilots can register using a US computer at a hotel, guest home, or even at AMA HQ. For assistance you can call 877 396 4636 or email FAAHotline@faa.gov.

Q: I only fly CL, FF, or indoors - do I need to register?

A: No. If you exclusively fly indoors, FF, or CL you do not need to register.

Q: Can I fly my large model aircraft? Turbine jets?

A: Yes. The Special Rule for Model Aircraft, which is part of the 2012 FAA Modernization and Reform Act, allows AMA members to operate model aircraft over 55 lbs as long as they are operating in accordance with AMA's Large Model Aircraft safety program. AMA members can also fly turbine jets provided the operator holds a current AMA Turbine Waiver.

Q: Does my large model aircraft require an N number?

A: AMA representatives, including AMA's legal counsel, met with the FAA on January 15, 2016, and this was one of the many questions that were raised. The FAA representatives confirmed that AMA members, operating models under the Large Model Airplane Program, should not have to apply for an N number.

Q: Am I permitted to fly first person view (FPV)? Can I fly at night?

Rule for Model Aircraft, which is part of the 2012 A: Yes. AMA members are still protected by the Special FAA Modernization and Reform Act. As long as AMA members continue to follow AMA's safety guidelines for these activities, they can continue to fly. The guidelines listed on the FAA UAS website do not negate the modeling activities and related safety procedures established in AMA's community-based safety program.

Q: What happens if I don't register?

A: According to the FAA, failure to register an unmanned aircraft may result in regulatory and criminal sanctions.

Q: Can I register by paper?

A: We understand there are AMA members who do not have a computer. The FAA offers a paper application, which currently is only available at local FAA Flight Standards District Offices (FSDO), but this process can take many months. If a member does not have a computer, we encourage them to have a club or family member help them register.

Q: I do not want to give my credit card information over the internet or have a computer? What should I do?

A: As for members who cannot or do not want to. You can purchase these gift cards, which closely submit credit card information online, the FAA has agreed to accept gift credit cards such as Visa or Mastercard resemble a credit card, through many retailers.

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Non-Recreational Pilots at PPRCC



As the club secretary, I do receive occasional emails from organizations inquiring if they could fly their commercial UAS's at our airfield. Due to liability concerns, the club rarely permits this type of activity.

I recently received another AMA email (Dated 21 December 2017), discussing this very issue:

Model aircraft have flown recreationally within the safety guidelines of the AMA for more than 80 years and have achieved an excellent safety record. Find out how to safely integrate commercial flights at your flying site.

Whether it's a local business testing its equipment or a fire department training first responders, AMA clubs are often approached to allow commercial operations at their flying sites. Although there are various aspects to consider before any non-recreational operation, AMA encourages its clubs to take advantage of these opportunities. Partnerships with local businesses or public safety offices can build rapport and be a donation source for clubs to host future events or use toward minor site improvements.

When clubs welcome commercial flying, they attract new pilots to their field who often become interested in fixed-wing or rotary-wing aircraft. Education is the key to ensuring that new hobbyists fly within the guidelines and know how and where to fly safely. Our hobby has faced many challenges and we know the entire modeling community benefits when we speak with one voice. Allowing non-recreational flights at your site will establish the club as innovators in the aeromodeling community—a great reputation when working with your community leaders and legislators.

Edit: If your flying site is not owned by the club, permission from the property owner will need to be obtained to use the site for commercial ventures. The commercial entity should obtain and carry its own insurance coverage. In most cases they will have to name the property owner as an additional insured. Preferably, we would also want them to add your club and the AMA as additional insureds to their policy. This would extend the commercial coverage procured by the entity to the club (and AMA) for liability incidents caused by them and might alleviate some of insurance concerns. If the commercial entity causes an accident and the club is named in a claim/suit, the Westchester policy provided through AMA would respond with a defense on behalf of the club until a coverage determination has been made.

AMA Relations

Although the above AMA email does encourage non-recreational participation, PPRCC rarely encourages non-recreational participation. If we do allow it, it would be on a case by case basis and for a short duration only.

Keith Davis
PPRCC Secretary

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European Aviation History in January



- **January 1903:** German Zeppelin airship LZ2 flies for the first time, then crashes in a storm the next day.
 - **January 1908:** The Wright brothers arrive in Pan, France and sets up the world's first flying school.
 - **January 1910:** Italy and France buy military aircraft and begin training pilots.
 - **January 1915:** The first German airship raid on Britain causes damage and casualties in Norfolk.
 - **January 1920:** A French Army pilot flies across the Sahara desert for the first time.
 - **January 1940:** British RAF aircraft Hudson and Sunderland, flies for the first time with airborne ASV radar.
 - **January 1942:** A German pilot flying a Heinkel He 280, becomes the first pilot to save his life with an ejection seat.
 - **January 1962:** The British Hawker Siddeley Trident, flies for the first time.
 - **January 1963:** The Russian Yakovlev Yak-36 Forger VTOL aircraft, flies for the first time.
 - **January 1970:** The Russian Sukhoi Su-24 Fencer, flies for the first time.
 - **January 1976:** British Airways and Air France Concorde jets, establishes the first supersonic passenger service.
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PPRCC Year 2017 in Review



- **January:** PPRCC begins the year with the traditional Frozen Needle-Valve event. About 35 pilots participated in the 25 degree temperature.
 - **March:** PPRCC begins the 25 year club membership recognition awards program. Seven club members were given the award.
 - **April:** PPRCC receives an appreciation certificate from Fort Carson's 71st Ordinance Group, in support of collecting old RC airplanes and drones for IED training.
 - **June:** Club president Rob Latkovich relocates to Pennsylvania due to job requirements. Vice president Kevin Kinzel becomes the new club president.
 - **July:** PPRCC holds its annual Warbirds over Pikes Peak event. Club members Matt Gardner and Rod Hart, donates hundreds of dollars' worth of items. Thanks guys!
 - **September:** Long-time PPRCC member Kirby Stafford Jr, passes away at the age of 94.
 - **October:** Rod Hart becomes the new club treasurer, taking the place of Adam Heffington. Thank-you Adam for your several years of volunteered time!
- PPRCC hosts the 2nd annual jet rally as the last flying event for the year. It was a satisfying turnout.
- **December:** Rod hart was selected to receive the 2017 Bob Burrows award, congratulations Rod!
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Pikes Peak RC Hobbies

2126 East Boulder Blvd, Colorado Springs, CO 80909
Phone: 1-719-329-1600



Upcoming RC Events:

- **January 1st Mon 2018 – PPRCC Frozen Needle Valve Fly In**
- **January 2nd (Tue) 2018 - PPRCC meeting**
- **January 27 (Sat) 2018 - Jefco (Arapaho) Auction**
- **February 6th (Tue) 2018 - PPRCC meeting and Swap Meet**

