



Pikes Peak Radio Control Club Newsletter



Volume 44 / Issue 05 / May 2016

AMA Club Number 179 / 2616 Glen Arbor Dr. / Colorado Springs, Colorado 80920
Phone: 719-329-1600 / Website: www.pprcflyers.net



Club President – Romi Lucas / Club Vice President – Rob Latkovich
Club Safety Officer – Hector Real / Club Treasurer – Adam Heffington
Club Airfield Maintenance Team – Chuck Brath, James Murphy, Kevin Kinzel
Club Secretary & Newsletter Editor - Keith Davis / Website Manager – Marco Zarategilmore

Next PPRCC Meeting: 7:00pm / May 3rd (Tue) 2016 @ Antelope Ridge Community Center	Local RC events happening this month: <ul style="list-style-type: none"> • Parker, CO - RC Swap Meet •
--	---

Last Month's Minutes . . . (April meeting)



Meeting Started: 7:00 pm
Meeting Adjourned: 8:10 pm

Members Attended: 20
New Members: 1 – Tom Holt. Welcome!
Visitors: 0

New Business:

1) Club President Romi Lucas, reviewed this year's club events with the club members. Romi also encouraged lots of participation from club members to the events.

2) Club Treasurer Adam Heffington, spoke about the club's April finances. Adam also stated that he always has the current club receipts (2016) with him during club meetings for anyone to view.

3) Club Airfield Maintenance member Chuck Brath, informed everyone that the current conditions of the bleachers are unsafe. The issue was discussed in detail and two proposals were presented for voting. See page 2 for the proposals.

4) Hector Real has volunteered and is now the club's new Safety Officer. Thanks Hector!

5) The Club's Flight Instructor position is now open. If interested, please contact Romi (President) or Rob (Vice President) for more details.

Old Business:

1) Club Secretary Keith Davis, reminded everyone, especially the new members, to please review the club's safety rules and guidelines. Lots of important info. The rules can be found on the club website, under Club Info & Articles / Club Documents / Safety Rules.

Airplane Anomalies . . .



"In hindsight, doing a Go-around one more time would have been a better choice."

PPRCC Proposals For 2016



In recent weeks, the club key leaders were informed on several occasions about the poor and unsafe condition of the airfield bleachers.

After several visual and mechanical inspections of the bleachers, it was determined that the bleachers are in poor condition and too unsafe to be used by club members or visitors.

Some of the problems noted; several of the weld joints are broken, a few of the benches are rotted out and the entire structure requires a much taller safety railing around it, especially behind the top bench.

Despite Club member James Murphy's excellent repairs on some of the benches, the bleachers are still considered unsafe because of the lack of safety railings along the sides and back.

The bleachers were originally indoor gym bleachers, positioned against the gym wall and placed between other bleachers, which is the reason for the lack of sufficient safety rails as a single unit.

The bleacher issue was brought up and discussed during the April club meeting. Suggestions such as building taller safety railings, continue to replace the rotted benches or just completely remove the structure. Cost of any of the suggestions were a primary concern.

Club member Chuck Brath stated that he had spoken with AMA about insurance coverage in the event of an accident or injury, they said the injured party would be covered, but Chuck did not have anything in writing or the AMA representative's name.

In the meantime the club request people to sit on the two lower benches only.

After a long discussion on the status of the bleachers, the general membership agreed on the following proposals for vote during the May club meeting. The possibility of installing taller safety railings is still an option, however it was not presented as a proposal.

20160501 – Proposal #1: Presented by Chuck Brath - Remove the bleachers. By removing the bleachers, it will eliminate any possibilities of

injuries. If proposal does not pass, the club will have to install railings but it must comply with city/state ordinance. And until the railings are installed, the club will have to figure out a way to keep people from sitting higher than two benches.

20160502 – Proposal #2: Presented by Rod Hart – Purchase new bleachers. If Proposal #1 passes, then club will purchase new bleachers. New bleachers will not be more than 36" tall. Price, location and number of bleachers will have to be discussed before purchase of new bleachers.

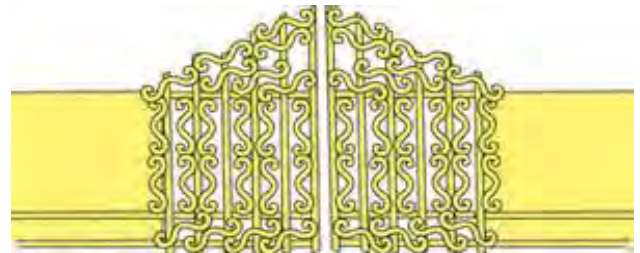


“The forth row bench needs to be replaced and the top row bench needs to have a higher safety railing behind it and along the sides. In addition, some of the metal frame work below the benches are broken.”

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



Don't Forget, Last one out, Lock the gate!

Latest FAA vs AMA



If you are a registered AMA member, then this email should have been sent to you. But just in case you missed it, here it is.

The email came out a day before the Senate vote, AMA asking for all members to contact the Senate, showing support for the amendment but not for the provisions. This article is just to show those provisions. AMA email dated 12 April 2016.

Dear AMA members,

The U.S. Senate is currently considering amendments to the Federal Aviation Administration (FAA) Reauthorization Act of 2016. We need your help today to ensure this proposed legislation fully protects the model aircraft community.

As you know, we are pleased that the Senate's proposed legislation preserves a community-based approach to managing the recreational community by maintaining the Special Rule for Model Aircraft. However, at the same time, we are concerned with additional provisions in this bill that could detrimentally impact our community.

These new provisions would require all UAS, including model aircraft, to meet new FAA design and production standards and impose unnecessary regulation on hobbyists who often build their own models at home. The bill also requires modelers to obtain permission from air traffic control when flying within 5 miles of towered airports which could jeopardize hundreds of existing flying sites. And if passed, the bill would require model aircraft enthusiasts to take an online FAA safety test and carry proof of passing the test when flying. These new directives would undermine the model aircraft activity and detract from the creativity, innovation and enjoyment of the hobby.

By supporting Senator Inhofe's amendment number 3596, you can help stop this from happening. This critical amendment would maintain the basic intent of the Senate's proposed legislation, while lessening the negative impact on the model aircraft community.

Sincerely,
AMA Government Affairs

Show & Tell Item - I



Romi Lucas' Foamy F-35 Lightning II



"Once again, Romi impressed everyone with his foam building skills. The F-35 plans were enlarged to 150%, then cut and built from foam sheets. The jet is powered by a 4-cell electric motor, turning a 10" prop. It has elevators and rudders only, no ailerons. Romi has not yet flown the jet."

FAA vs AMA Follow-Up



This section is a follow-up from the FAA vs AMA article on page 3. AMA email dated 19 April 2016.

Several Detrimental Provisions Remain in the Senate Bill

Last week we asked you to contact your Senators requesting support of an amendment to resolve provisions in the Senate's FAA reauthorization bill that could be detrimental to our hobby. Thanks to your efforts over 30,100 letters were sent to Congress. We thank you for your support of the hobby and making your voices heard.

The Senate version of the FAA reauthorization bill importantly preserved the Special Rule for Model Aircraft and affirmed the importance of a community-based approach to managing the model aviation community. The Senate bill also exempts our members from the 400-foot altitude limitation that was in the draft Senate bill. AMA secured this exemption for our members after engaging the leadership of the Senate Commerce, Science, & Transportation Committee.

Unfortunately, however, today we learned the Senate did not incorporate some of AMA's suggestions into the final version of the Senate bill. AMA is disappointed with several of the provisions that passed the Senate, which could undermine our community's model aircraft activity and detract from the creativity, innovation and enjoyment of the hobby.

One of the provisions would require all UAS, including model aircraft, to meet new FAA design and production standards and impose unnecessary regulation on hobbyists who often build their own models at home. This legislation also puts new requirements on model aircraft operations within 5 miles of airports, potentially jeopardizing hundreds of existing flying sites that have operated safely and harmoniously within our communities for decades. And finally, the bill creates an unnecessary and unsubstantiated requirement for AMA members ages 13 and above to take an online FAA safety test and carry proof of passing the test when flying.

While the Senate bill is disappointing, know that we still have opportunities to shape the final legislation and we'll need your continued help and support to achieve the best possible outcome for our hobby. The more favorable House version of the FAA reauthorization bill still needs to go to a floor vote. This bill provides a clear definition of a community-based organization (CBO) and tasks the FAA with developing a process for recognizing qualifying CBOs, both long-overdue tasks for the agency.

In addition, the House bill makes clear that model aircraft can be used as a teaching tool for science, technology, engineering and math (STEM), as well as aeronautics. Once the House and the Senate bills are passed, they go to a conference committee for another round of revisions and another Congressional vote. This process could take many more weeks or possibly months before being presented to the President to sign into law.

We will continue to work with our allies in Congress to protect and strengthen our long-standing, safe and educational hobby, and we may need your help again in the near future. Please continue to monitor www.modelaircraft.org/gov and your email for updates and more information.

Sincerely,
AMA Government Affairs

Props, Pets & Tots



With another flying season fast approaching, just a safety reminder; when airplane engines are running, props, pets and tots (kids) do not mix.

PPRCC encourages families to bring their youngsters to the airfield to view and enjoy the hobby but they are not permitted to roam freely past the safety fences within the pit areas.

PPRCC also allows pets at the airfield, however the owner is required to maintain control and clean up after their pet(s). Remember, your best friend may not be someone else's best friend!

Reference:
PPRCC Safety Rules
Section I, para E.



2016 Denver Aerobotics



Formerly known as the Denver RC Expo, this year the Denver Air & Space museum restructured the event and combined aeromodelling and robotic projects, giving it the new name "Aerobotics".

PPRCC members Ben Woofter and I went to the one day event that took place in April. The big changes for the event was shortening the day and making room for the robot displays and presentations. However, there were about 1/3 less RC clubs that participated this year.



"Club member Ben Woofter (left) brought his J-5 Medical Cub and Keith Davis (Right) brought his USAF Twin Otter. Both of them received plenty of questions and compliments about their models."



"The person that had this plane on display really loves his Denver Broncos!"

The event consisted of the local RC airplane clubs within the state displaying their latest airplane projects and local high school students displaying their latest robotic projects. The event also allowed an individual to run up his turbine engine and perform a quad demonstration flight, all outside of course.

There was also the usual full-scale static display jets, some of the jets were roped off and some of the jets you can walk up to and look into them.



"The F-105 Thunderchief. You don't realize how big or small some of these jets actually are until you stand next to them."

Along the hanger sides were display rooms depicting aviation history, from the beginning of flight, aviation during all of the major wars and civilian aviation accomplishments. All great stuff to view.

It was a pretty good spectator crowd, not sure the exact numbers but Ben and I stayed busy throughout the day, talking about our planes and answering questions. Around 4:30 pm or so, the crowd began to diminish, so Ben and I and several other clubs began packing up, since the event ended at 5:00 pm.

Overall, it was a nice day to spend the afternoon, just to see what other clubs around Colorado were doing. You can visit the PPRCC website to view lots more photos of the Aerobotics event.

The event is held every year at the former Lowry AFB, hanger 1. All RC airplane clubs are welcome and it is free to the participants.

Can You Name that Plane?



Clue #1: This successful German airplane was designed to tow the glider version of the giant Me-321.

Clue #2: The pilot and a flight mechanic sat in the left cockpit with a full control panel, while the co-pilot and another flight mechanic sat in the right cockpit with a limited control panel.



Clue #3: At the close of WWII, only about 4 of these planes were found intact. Records show about 12 were built. One Allied pilot that encountered one of these, then shot it down, wanted credit for two kills.

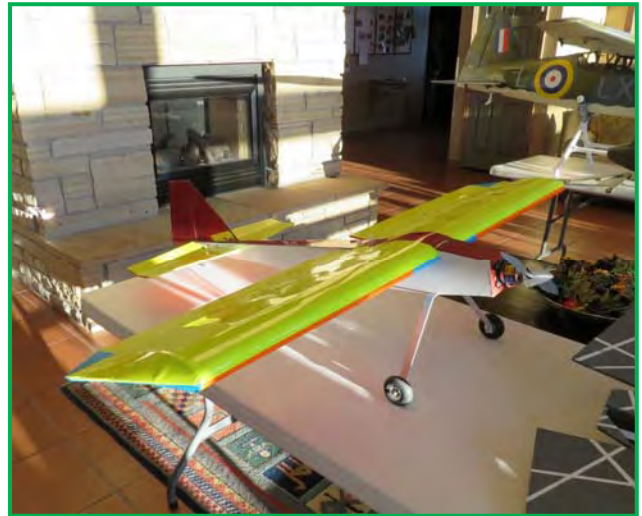
Clue #4: During test flights, the plane was capable of flying with only the two outboard engines or the three inboard engines.

Last month's airplane: Burnelli Cunliff-Owen OA-1 Clyde Clipper. There were no correct answers.

Show & Tell Item - II



Frank Txworth's 1980's Big Boy 40



"Frank has owned this plane for several years as a glow-powered airplane with an O.S. 46AX engine. He recently decided to convert it to electric and installed an Eflite .32 electric motor, powered by a 4-cell battery. The plane has a 60" ws and Frank said that it flies very nice with its new conversion."

+++++

Unusual Dogfights



In my many years of airplane research and reading, I have come across many stories of unusual dogfights throughout the wars. During WWII, a L-5 Grasshopper pilot shot down a German Storch observation plane using his .45 pistol. A pair of B-25's shot down a German Me-323. And during the Vietnam War, a Huey helicopter shot down a North Vietnam utility plane and a pair of A-1 Skyraiders shot down a Mig-17.



So here is one more unusual dogfight encounter that I can add to the books; On October 23, 1942, the crew of a B-17C Flying Fortress out of Espirito Santo came across a Japanese "Marvis" flying boat. During the ensuing, 45 minute dogfight, the B-17 piloted by Lt Ed Loberg, maneuvered in and out of squall lines and ultimately shooting down the Japanese Marvis. Scratch on Marvis!

If you know of any other unusual dogfights that is worthy of mention, send it my way!

Keith Davis – Lkdavis03@hotmail.com

+++++

No Front Page WX



The website front page weather link is out of service until further notice. However you can still click on the "Weather" tab on the front page and view the current and future weather forecasts.

+++++

+++++

Parker, CO Swap Meet



Saturday, 21 May 2016

Model Airplane Swap Meet

8:30 a.m. to 1:00 p.m. on Saturday, May 21, 2016

Parker Fieldhouse
15700 Plaza Drive, Parker CO 80134

Parker Radio Controlled Airplane Swap Meet
BUY-SELL-TRADE
Reserve your space now!

Website: parkerrcswapmeet.com
General Admission: \$5 | Table Rental: \$15 | Wall Table Rental: \$25
Event Sponsored by: Colorado Dawn Patrol RC Club
Contact: Wayne Perry—303-841-2038 | wperry@kellin.net

+++++

+++++

**Giant RC's from
Around the World**



"Messerschmitt Me - P.1110"
Country - Germany



"Horton Flying Wing"
Country - Germany



"Z-50"
Country - England

+++++

+++++

**Show & Tell
Item -III**



Keith Davis' Seagull Models Westland Lysander



"Keith brought in his second ever gas powered airplane, the Seagull Models Lysander. It has not flown yet but it has a 118" ws, powered by a DLE-61cc gas engine and weighs 26 pounds. Like most of Keith's large planes, it also has a Sullivan smoke pump that should like pretty good in the air."

+++++

+++++

How Big is Your Drone?



This article was sent to me by a few of our club members, so I decided to post it and share it with the rest of the group.

This is the Ehang 184, the world's first electric drone that you can actually ride in — and it also flies itself.



“The EHang 184 is certainly a sight to behold.”

At first glance it looks like someone simply made an enormous drone — and that's essentially what it is — and then slapped a cockpit large enough for someone to ride in on top of the chassis. And to top it all off, there's some stylish gull-wing doors that give it an undeniably cool-yet-crazy look.

Unveiled Wednesday at this year's Consumer Electronic Show, the 184 is the world's first fully autonomous electric aerial vehicle, designed to fly a passenger around short distances at a low altitude (think more like a helicopter than a plane) without the need for you to man the controls.



“Introduced in 2016, it will not be released for sale until 2017.”

The 185 feels like a vehicle that's 10 years ahead of its time, but it's certainly an intriguing prototype, and its design is striking. With no firm price tag or launch date — EHang representatives mentioned it would cost "hundreds of thousands" — it sounds like you won't be able to buy or ride a 185 in the next year.



“The rotors can be stowed for easy storage or transportation. I wonder where the FAA registration number will be placed.”

+++++

Warbirds over Pikes Peak



July 16th & 17th (Sat & Sun)



Open to all club members, friends and guest pilots. All types of military aircraft welcome, props, jets, helos, gas, glow and electric. The airfield will be closed to non-participating flyers during the weekend event.

+++++

Pikes Peak RC Hobbies



Upcoming RC Events:

- **May 3rd (Tue) 2016 - PPRCC Meeting & Swap Meet**
- **May 21th (Sat) 2016 - Parker CO RC Club Swap Meet**
- **June 7th (Tue) 2016 - PPRCC Meeting**
- **June 10-11-12 (Fri-Sat-Sun) 2016 - Warbirds over Denver**
- **June 17th (Fri) 2016 - PPRCC Airfield Maintenance Day**
- **June 18th (Sat) 2016 - PPRCC Electric & Father's Day Fly-In**
- **July 5th (Tue) 2016 - PPRCC Meeting**
- **July 16-17 (Sat-Sun) 2016 - PPRCC Warbirds over Pikes Peak**