

Pikes Peak Radio Control Club Newsletter



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February 2013

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

Club President – Doug Ransom / Club Vice President – Rod Hart
Club Safety Officer – Mark “Gus” Grissom / Club Treasurer – Adam Heffington
Club Secretary – Keith Davis / Club Newsletter & Website Manager – Keith Davis

Next PPRCC Meeting:

7:00pm / Feb 5th (Tue) 2013

@ Pikes Peak Public Library on Union

Local RC events happening this month:

- Jeffco Auction
- Wings over the Rockies RC Event

Last Month's Minutes . . . (January)



Meeting Started: 7:03 pm
Meeting Adjourned: 8:40 pm

Members Attended: 33

New Members: 1 – Dan Hall (Preston's brother)

Visitors: 3 – Robert Shaman, Art Romero and his son Chris, Glenn Goode. Welcome!

New Business:

- 1) Club President Doug Ransom, opened the January 2013 meeting with a speech encouraging more PPRC members to participate in this year's club events.
- 2) Club President Doug Ransom, presented the idea of officially changing the name of the PPRC Family Day event to Evans Memorial Fly-In. Several years ago, Mike Evans started the event for the club. The intent was to invite family members out to the airfield to see what we do all day. Members were also allowed to bring RC items out to sell or trade. In 2009, Mike Evans passed away due to cancer. Members at the meeting had a short discussion then voted to rename the event. It was passed to rename it the Evans Memorial Fly-In.
- 3) Your 2013 club badge is REQUIRED to be visible on your person while flying at the airfield.

4) Club President Doug Ransom, is looking for a volunteer at each club meeting to present a short presentation on “How To” make, build or technique something RC airplane related. Contact Doug if you have any ideas.

5) Club VP Rod Hart, is a volunteer tour guide at the WWII Aviation museum. Rod is working to set up a future club meeting at the facility.

6) Club Treasurer Adam Heffington, discussed the December's finances. Adam also presented the proposed 2013 budget. It was voted on and passed. You can contact Adam if you would like to see the detailed 2013 budget breakdown.

Old Business:

- 1) Club President Doug Ransom, talked about the recent Frozen Needle Valve Fly-In. The parking lot was full during the event and we had at least 35 pilots participate.
- 2) Club President Doug Ransom, mentioned that Congress and AMA are still in discussion about the issue of UAV's and drones. There are currently 11 bills on the table about the subject.
- 3) The first person to open the airfield gate, don't forget to rotate the combination number from the lock. The last person to leave the airfield, don't forget to lock the gate!

You're Having A Bad Day When . . .



"You attend the annual B-52 Fly-In. But when it's time to go home, you forgot where you parked your B-52!"

2013 Membership Badges

By Keith Davis



We know that you have heard it over and over, but not everyone is getting the word. Please have your 2013 membership badge present while at the airfield. It shows that you are a club member, have a current AMA card and covered under insurance liability purposes. Thanks!

Show & Tell Item - I

Duane Zinke's Big Bingo



"With a wingspan of 75", Duane said this is one of his biggest airplane projects that he has worked on in a long time. A previous owner built the plane back in the 1990's but Duane had to rebuilt much of the structure then recover it. It is now mostly foam-board and has a PCV tube as the main wing spar. The plane is powered by an O.S. 1.20AX engine, weighs 13 pounds and has not flown yet."

Guest Speaker

Glenn Goode

By Keith Davis



Mr. Glenn Goode came to the January club meeting to talk about some indoor flying at the Colorado Springs Historic City Auditorium.

For a small fee, which has not been determined yet, free flight will be conducted at the beginning of the month and powered flight (electric only!) will be conducted during the middle of the month. During those flying nights, flying is allowed from 6:00 pm to 9:00 pm.

For more information, go to www.rc-connectors.com

FLY INDOORS

at the Historic City Auditorium!



Over 8500 square feet, 40' ceiling. Built in 1923

Downtown Colorado Springs! SW corner of Kiowa and Weber.

221 East Kiowa
Colorado Springs, CO 80903

Always 6-9pm



Wednesday, Jan 16th 2013 – Free Flight

Wednesday, Jan 30th 2013 – RC

Wednesday, Feb 6th – Free Flight

Wednesday, Feb 13th – RC

Spectators are always Free!



Come fly your ultralight aircraft indoors; out of the wind, rain, snow, and cold.

For more info go to <http://www.rc-connectors.com>

and click the 'Indoor Flying' link at the bottom of the page



Email johnmcgrath2@comcast.net to get on our list!

Show & Tell

Item - II

Curt Hughes' Top Flite FW-190



"Curt presented Top Flite's latest ARF product, the FW-190 Butcher Bird. This nice looking fighter is powered by a 5000 watt electric motor turning a 22x10 prop, a 160 amp and 12 cells worth of batteries. The plane has an 86" wingspan, weighs about 21-22 pounds and electric main and tail wheel retracts. Curt said that this was an expensive project and needs a few more things to complete before its first flight."

2013 JEFCO

Auction

By the Jefco Aeromodlers



Show & Tell

Item - III

Larry Laughlin's Cermark F-20 Tigershark



JEFCO AEROMOD'LERS RC CLUB PRESENTS

RC AUCTION

DENVER, COLORADO

February 1-3, 2013

JEFFERSON COUNTY FAIRGROUNDS 15200 W. 6th Avenue—Golden
(6th Avenue/Indiana Street)

BACK THIS YEAR!
BUYERS & SELLERS
PRE-REGISTER
ONLINE!

No Admission Fee to
View Merchandise.
\$10 Registration Fee
to Sell or Bid
VISA, MC & Discover Accepted

SCHEDULE OF EVENTS

FRIDAY—FEB 1
11am—8pm Merchandise Check In

SATURDAY—FEB 2
8am—AUCTION STARTS
More Merchandise Check In

SUNDAY—FEB 3
8am—AUCTION ONLY
No Merchandise Accepted

HUGE SELECTION & VARIETY OF ITEMS UP FOR BID

Airplanes ♦ Jets ♦ Cars ♦ Helicopters ♦ Gliders

Radios ♦ Engines ♦ Tools ♦ MORE!



QUESTIONS?
John Lipe
Auction Coordinator
720-891-1140
johnlipe77@msn.com

jefcoeromodlers.org



BUYERS & SELLERS CAN PRE-REGISTER
ONLINE AT WWW.JEFCOAEROMODLERS.ORG



"This was one of two planes that Larry brought in for "Show and Sell". This sleek 57" wingspan F-20 Tigershark is brand new and has not been up in the air yet, The model comes with an O.S. .91FX engine, retracts, servos but has no flaps. The Tigershark looks fast just sitting there. One of our lucky club members did purchase the plane by the end of the club meeting."

All About Warbirds

Article from Wikipedia



This article is about the world's first fighter airplane. It wasn't very fast or very maneuverable but it did have one advantage over Allied aircraft that made it the king of the skies over the WW I battlefields. However, its reign of terror only lasted several months.

The Fokker *Eindecker* fighters were a series of German World War I monoplanes single-seat fighter aircraft designed by Dutch engineer Anthony Fokker. Developed in April 1915, the first Eindecker ("Monoplane") was the first purpose-built German fighter aircraft and the first aircraft to be fitted with synchronization or interrupter gear, enabling the pilot to fire a machine gun through the arc of the propeller without striking the blades.

The *Eindecker* granted the German Air Service a degree of air superiority from July 1915 until early 1916. This period was known as the "Fokker Scourge," during which Allied aviators regarded their poorly armed aircraft as "Fokker Fodder".



"The Eindecker had easy kills because of its ingenious interrupter gear design."

All the E.I to E.IV *Eindeckers* used a gravity fuel tank which had to be constantly filled by hand-pumping from the main fuel tank, which starting with the Fokker E.II was mounted behind the pilot; this task had to be performed up to eight times an hour. Both the rudder and elevator were aerodynamically balanced, and the type had no fixed tail surfaces. This combination rendered the *Eindecker* very responsive to pitch and yaw. For an inexperienced pilot, the extreme sensitivity of the elevators made level flight difficult.

German ace *Leutnant* Kurt Wintgens, who along with *Leutnant* Parschau were the primary *Luftstreitkräfte* pilots responsible for bringing the first armed Fokker monoplanes into active service during the spring and summer of 1915, once stated "lightning is a straight line compared with the

barogram of the first solo". The roll response of the Eindecker, on the other hand, was poor.

This is often blamed on the use of wing-warping rather than ailerons - although monoplanes of the time, even when fitted with ailerons, often had unpredictable or unresponsive roll control due to the flexibility of their wings.



"Allied forces knew nothing about the gun synchronization technology until one day when an Eindecker accidentally landed at a British Aerodrome and it was captured. Within a matter of weeks, Allied planes were being equipped with the gun synchronization gear."

Only one original *Eindecker* remains. On 8 April 1916, a novice German pilot took off from Valenciennes with a new E.III bound for Wasquehal but became lost in haze and landed at a British aerodrome. He was forced to surrender before he realized his error and could destroy the aircraft. The E.III was test-flown against the Morane-Saulnier N and other Allied types at St. Omer before going to Upavon in Wiltshire for evaluation and finally going on museum display. It now resides at the Science Museum in London.

Immelmann's original E.I, with IdFlieg-issued serial E.13/15, also survived the war and went on display in Dresden where it was destroyed by Allied bombing during World War II.



"The only surviving Eindecker remains on display in a British museum."

Wings over the Rockies Model Expo

By Randall Eaker



Wings Over The Rockies Model Expo

11/27/2012

Model Club,

The Wings Over the Rockies Air & Space Museum in Denver CO would like to invite your club members to participate in the 9th Annual Aero Modeling Expo which will be *February 23rd from 10:00am to 4:00pm* at the museum. The purpose of the event is to raise community awareness of the museum, as well as to raise funds for the day to day operations of the museum.

The club members organizing this event are all part of local model airplane clubs and are working with the museum for this great Colorado event. Our vision is to see the continued support of the Air Museum as well as bringing public attention to our great aviation hobbies. It is a Win Win for everyone!

Your club participation would involve models set up for static displays. Club members bringing models for the event get free admission to the museum as long as there name is on the entrance sheet. If your club wants to sell anything then you would have to pay the \$120 vendor fee. We are requesting the names of your attendees by February 1st. There is no limit on the number of club members from your club that can participate but since this event is getting so big we are now limiting each person to two airplane models. This is a chance for your club to show off to the public the high level of workmanship that goes into building a model whether it is for static display or one that fly's.

Last year we had over 320 models from 27 different clubs and organizations. Inside the museum we had electric airplane and demonstrations and outside the museum we had an R/C jet engine start up and taxi demonstrations and control line airplane demonstrations. In addition to the clubs there were several different hobby shops and other aviation groups. The event was promoted by Fox channel 31 with a live morning show broadcast and was featured with a live broadcast from 1430 AM Rick Crandall show.

If your club is interested in participating in this fun modeling event or if you have additional questions then please contact me. It's a chance to hang out with fellow modelers to talk about our passion for our hobby. I look forward to hearing back from you!

Thank You!

Randall Eaker
Aurora Mile Hi R/C Club
720-870-3874
Reaker@newsamerica.com

Show & Tell Item - IV

Wayne Cooksey's Fokker Eindecker



"Wayne presented a nicely foamboard-built Eindecker. The plane is well detailed to include a pilot figure, support wires for the wings, a pair of machine guns and dummy cylinder heads. This Fokker Fighter has a 71" wingspan and uses a Magnum .80 four-stroke engine for power. The plane has not flown yet but Wayne is already set for this years PPRC Warbirds over Pikes Peak!"

So, What is This Airplane?

By Keith Davis



Clue #1: Although these jets got the nickname "Century Series Jets" because their designations numbers were in the 100's, they were actually considered "2nd Generation" jet designs.

Clue #2: Four different aircraft companies built these four different fighters approximately at the same time. However, they all had approximately the same capabilities; afterburners, supersonic speeds, all-weather radar and the ability for high-altitude interception.

Last month's airplane was a Blohm & Voss BV 238. Only one was built and destroyed before it could be considered for production. No one took a chance in guessing what that seaplane was.

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

Lkdavis03@hotmail.com

Keith Davis – PPRCC Newsletter Editor

Pikes Peak RC Hobbies



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Show & Tell Item - V

Keith Davis' Easy Tiger Models Stinson Reliant



"Keith brought in his nearly completed Stinson Reliant. The plane has a 100" wingspan with a two-piece wing, flaps and powered by an O.S. BGX 1-3500 engine. The camo, decals and invasion stripes came pre-installed. It's not a bad looking ARF on the outside, but Keith had to make several adjustments on the inside to get the plane ready for flight. The Reliant has not flown yet."

Gus & Safety

By Gus Grissom



"Gus is the new club Safety Officer."

With winter in full swing, which means less flying and more airplane building, be aware of the types of glues you use while in confined areas when building your projects.

Many glues such as CA, can emit small amounts of fumes that can be toxic. Also glue fumes combined with paint fumes can affect your health too.

So be sure to work in well-ventilated areas when working with glues or paints. If that's not possible, take plenty of fresh-air breaks!

Do you have a story, picture or an article 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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Show & Tell Item - VI

Larry Laughlin's Cox F6F Hellcat



"This F6F Hellcat was Larry's second plane that he brought in for "Show and Sell". It's a no longer produced COX F6F Hellcat and flies very well. It has an O.S. .61 FX engine, weighs about 9 pounds and comes with two 66" wings. One of the wings has fixed landing gear and the other wing has the 90 degree rotating mechanical retracts. The plane is still for sale and Larry is asking \$450 firm."

The President's Corner

By Doug Ransom



Another year is underway, and another very well attended Frozen Needle Valve is now behind us, with minimal carnage on the tarmac. I would like to thank Adam for his assistance cooking, Dan for doing the badges, Keith for his photo-taking (they are up on the website if you haven't looked), and Kevin for making the griddle run. There are probably some others I haven't named – be assured that your work is appreciated. Thanks also to those who braved the temperatures and came out to play on New Year's day. Those who stayed home missed a lot of fun.

A successful event means there must be participation by our club members, whether participating in the orchestration of the event, or bringing your planes out and flying. Both parts are necessary to make the event all that it can be. Sorry, I don't want to make this into an Army commercial. (Remember that one?)

The observation has been made that participation by our club members in our warbird event is the lowest of any of the activities we do throughout the year. The scale event, the electric event, and frozen needle valve are all better attended by members of our club. I would like to see PPRC members at least equal the participation rate of other clubs at the warbirds. It is, after all, our club's event.

So – mark your calendars for June 22nd and 23rd. Save the date – both if you can – and plan on coming out and participating in the warbirds. If you don't have a warbird, put that into your plans. It need not be the latest 1/4 scale ship with a brand-new DA-50 and details to qualify for the scale masters – it only needs to have military markings. We're not picky about what it's made of, how large or small it is, or whether you built it or bought it already made from someone else. There are warbirds available that fit every budget and flying ability. We want you – and your warbird.

If there has been something holding you back – let me know. There are some really good fliers that come to the warbirds, and some of us may find that intimidating. PPRC can provide help with getting you airborne or honing your flight skills if you feel that's been a hindrance. Sorry, but if the cost of another plane is keeping you away, YOYO – you're on your own!

Speaking of that, I have a Ryan PT-20 scratch project that needs to be completed by this year's event. I'd better get to work myself!

A Few PPRCC Frozen Flyers!

By Keith Davis



"Karl Prince (L), Ben Woofter (C) and Leif Hermansson (R)"

Several weeks ago, Ben Woofter and I made arrangements to meet at the airfield so that I could pick up an airplane part that he offered to me. I then went out that Sunday morning and it was nearly 3 degrees outside. As I was driving to the airfield, I was thinking to myself that no sane person would be at the airfield flying today in these temperatures. Well I was wrong. When I arrived, not only was Ben there but Karl and Leif were out there enjoying(?) the cold too! As for me, I got the airplane part from Ben, used Karl's camera to take the group picture and I went back home where it was nice and warm!

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Upcoming RC Events:

- Feb 1st - 2nd - 3rd (Fr—Sat-Sun) 2013 - Jefco Auction
- Feb 5th (Tue) 2013 - PPRC Club Meeting
- Feb 23rd (Sat) 2013 - Wings over the Rockies Model Expo
- Mar 5th (Tue) 2013 - PPRC Club Meeting

