

# THE JEFSCO FLYER

## AMA #176



### 2019 Board of Directors

President	Bud Glass	303-829-5351
Vice President	Open	
Treasurer	Lora Knowlton	303-973-1209
Secretary	Larry Fagan	303-697-4569
AMA Safety Officer	Ron Ratcliffe	303-660-3842
Board Member	Hank Diepenbroek	303-875-9328
Board Member	Craig Farthing	n/a
Board Member	Josh Waltz	303-720-4340
Board Member	Open	

### 2019 Volunteers

Club Historian	Lee Taylor	303-237-8772
Park Liaison	Tom Elliot	303-902-6747
Drawings	N/A	N/A
A/V Coordinator	Larry Fagan	303-697-4569
Flt. Inst. Coordinator/ Student Trng.	Bud Glass	303-829-5351
Storage Shed	Bud Glass	303-829-5351
Chief Flight Instructor	Bud Glass	303-829-5351
LRPC Chairman	Bruce Ream	303-346-5722
Membership Coordinator	Lora Knowlton	303-973-1209

Equipment Repair	Larry Bickel	303-794-2167
Field Information Coordinator	Ron Ratcliffe	303-660-3842
Field/Runway Maintenance Chair	Bud Glass	303-829-5351
Program Director	Larry Fagan	303-697-4569
Newsletter Editor	Larry Fagan	303-697-4569
Webmaster / Weather Station	Terry Hock	N/A
Fire Marshal & First Aid	Ron Ratcliffe	303-660-3842
Club Photographer	Bud Glass	303-829-5351
Jefco Home page:	<a href="http://www.jeffcoeromodlers.com">www.jeffcoeromodlers.com</a>	
AMA Website:	<a href="http://www.modelaircraft.org">www.modelaircraft.org</a>	
Dist IX website:	<a href="http://www.amadistrict-ix.org">www.amadistrict-ix.org</a>	

Newsletter Submissions e-mail	<a href="mailto:larrynotcurlyormho@centurylink.net">larrynotcurlyormho@centurylink.net</a>
Monthly Newsletter archived at:	<a href="http://www.jeffcoeromodlers.com">www.jeffcoeromodlers.com</a>
Chatfield Aerodrome Weather:	<a href="http://www.jeffcoeromodlers.com/weather/">www.jeffcoeromodlers.com/weather/</a>

Jefco Aeromod'lers Mailing Address:  
 Jefco Aeromod'lers RC Club  
 P.O. Box 621156  
 Littleton, CO 80162-1156

**Volume XLIX**

**June 2019**

**Number 6**

*Do not allow your aircraft to fly over the campgrounds or the guard shack.*

**Above: Maiden Flight Day for Bruce Ream's Jenny with "The Great Waldo Pepper" paint scheme.**

**Left to Right, Dave Gianakos, Bruce Ream and Randy Claussen** photo by Bud Glass

**June's Program: Lora and Doug Knowlton will present excerpts from the 2004 Warbirds Over the Rockies DVD.**



At the May Jefco Aeromod'lers business meeting, Peter Thompson announced that he was stepping down as club president. Serving as president for 3 ½ years, Peter has made a number of personal sacrifices in order to conduct club business, while balancing the demands of taking care of his home and family life, as well as enduring the added stress of going through a couple changes of employment. In the midst of everything else going on, Peter still stepped up to chair the 2019 Auction Committee when no one else would. Peter wishes to continue to remain active in the club and has volunteered to chair the newly-created **Club History Project Committee**.

The Board of Directors would like to extend our sincere gratitude to Peter Thompson for his loyalty and dedication to Jefco Aeromod'lers RC Club while serving on the Board of Directors and as club president.

As Vice President, I was confirmed by the Board of Directors to assume the duties of President of Jefco Aeromod'lers RC Club through the end of the current term. I look forward to this exciting challenge, and thank everyone in advance for your support.

What is the "**Club History Project Committee**"? A few months ago, member Terry Barnhart volunteered to do some in-depth research and assemble numerous historical documents and photos which memorialize and reflect on the rich, and very interesting history of Jefco Aeromod'lers RC Club. Founding club member and Historian, Lee Taylor joined Terry to assist with this arduous task.

As some of you may know, many club members have been interviewed by Terry and were asked to open their "data files" and contribute their remembrances to this assembly of interesting and historical club information. Details about the final product of this effort and how it will be used are still being reviewed by the Board of Directors. To better organize this project and to improve the communications with the Board and the club, the **Club History Project Committee** was formed and will be chaired by Past-President, Peter Thompson. Peter has volunteered to work with Terry and Lee to see this project through its completion.

Thank you to Terry, Lee and Peter for your work on this project.

Member Jeff Gittelman suggested the club organize a fun fly in May. Jeff proposed an event called the "**Washer Drop**", in which he has participated previously at his old club. Unfortunately, this event was cancelled due to bad weather. It has been rescheduled for May 30. Events like this are fun and boost camaraderie among members and are overall good for the club. After all, isn't that what our hobby is all about, having **FUN**? Let's have more!

It seems that over the past couple years, interest in having informal fun fly's has dwindled for some reason. To rekindle interest and bring more regular fun activities to the field, the Board of Directors has approved the idea of implementing a standing **Fun Fly Committee**.

This committee chaired by member Jeff Gittelman, will be charged with creating regular and frequent club fun fly's that will incorporate a variety of flying games designed to challenge pilots flying skills, get members off the couch and back to the flying field, and increase the opportunities for members to have **FUN** participating in club activities. Any and all suggestions for future fun fly's are welcome.

You will notice a **new column** in this newsletter, entitled **Member Showcase**. Each month, a club member will be featured in this column.

Members will be randomly selected to appear in this column. They may be recognized for a special achievement, for making a significant contribution to the club or the community, or for simply being an active member of the club. In this column we may learn a few interesting things about the featured member that we may not have known before.

I asked Dave Gianakos if he would volunteer to be the first member to be featured, due to his varied and quite colorful background in aviation and for his many contributions to our hobby. Also, it is an opportunity for everyone to learn that Dave and Gail will soon be moving away from the Denver area to retire in Cody, Wyoming. Many thanks to Dave and we wish only the best for you and your family.

**Warbirds & Classics Over Denver** is coming up next week. Don't forget to sign up to **volunteer** for something... anything... we need all the help we can get.

**Board of Directors News** Thank you to Craig Farthing for volunteering to serve on the BOD. Craig's candidacy for Board Member at Large was approved by the BOD at the May meeting. Glenn Lee resigned from the BOD May 16, 2019. We all thank Glenn for his years of service to the club as a board member and as vice president for 3 1/2 years. Anyone interested in volunteering to serve on the BOD who has been a member of the club for 2 years or more, please express your interest to any Board member. Finally, we want to hear from **YOU!** If you like what's going on in the club, or more importantly if you don't, let your Board of Directors know.

**WE ARE LISTENING.**

Bud Glass

President Jefco Aeromod'lers

# WARBIRDS

## Classics

# OVER DENVER

DENVER'S PREMIER RADIO-CONTROLLED WARBIRO EVENT

JUNE 7 - 9, 2019

FRIDAY  
OPEN FLYING

SATURDAY  
9AM-5PM  
EVENT FLYING

SUNDAY  
9AM-3PM

CHATFIELD STATE PARK  
DENVER COLORADO  
[WWW.WARBIRDSOVERDENVER.COM](http://WWW.WARBIRDSOVERDENVER.COM)

OPEN TO ANY AIRCRAFT WITH  
WITH MILITARY OR CIVILIAN  
PAINT SCHEME

NO SPORT AIRCRAFT IN  
WARBIRD SCHEMES  
CLASSIC NON-MILITARY  
AIRCRAFT MUST BE PRE-1968

600' AND 750' RUNWAYS

\$35 REGISTRATION FEE,  
(\$5 OF FEE DONATED TO CHARITY)

INCLUDES AN OFFICIAL  
EVENT SHIRT

OVERNIGHT AIRPLANE STORAGE  
LUNCH AVAILABLE ON SITE  
SAT & SUN



PRESENTED BY THE JEFCCO AEROMOD' LERS RC CLUB #176  
AMA SANCTIONED #7900



## May 1, 2019 Jefco Aeromod'lers R/C Club Business Meeting Minutes

The meeting was called to order by President Peter Thompson at 7:06 PM at the Alice Terry Elementary School. There were 27 in attendance.

**Program:** Bud Glass presented a short video of Bruce Ream's Jenny's maiden flight. There will be a link to the video in the next newsletter.

Terry Hock presented a fascinating program covering methods to test lipo batteries equivalent series resistance (ESR). He showed the equipment he used to measure the ESR of several batteries of different sizes and manufacture. Terry went on to present the results of these measurements, and how to interpret the results. He also covered the "C" ratings of lipo batteries and how using interpretation of the ESR measurement results can be far more revealing about predicting battery performance than just relying on the "C" rating.

**NEW GUESTS and NEW MEMBERS:** President Thompson announced new Jefco Aeromod'lers Members Shaun Kerrick from Littleton, CO, and Terrence Miles from Highlands Ranch, CO. Neither was in attendance.

### **Announcements:**

- **Shea Homes Update** - Bruce Ream reported that the LRPC met with Anderson & Hastings Consultants for the first review of their new runway design drawings. The LRPC received input from the consultant and suggested some changes. Bruce also pointed out that Bud Glass is now a member of the LRPC.

**Secretary's Report:** No minutes from the April 3, 2019 business meeting due to Mini Auction.

**Treasurer's Report:** Treasurer Lora Knowlton distributed the detailed financial reports for club member review. She reported that this year's treasury balance to date is slightly above the balance last year's. Recent income is from new and renewal memberships and registrations for the Warbirds & Classics Over Denver.

There was a question from the floor about the Shea Homes escrow account. Bruce Ream explained that the escrow account is completely separate from the club's financial accounts. The escrow account money will be directed to the various contractors involved in the new runway construction as they complete their portion of the project.

Larry Fagan motioned to accept the treasurer's report, Craig Farthing seconded and the motion passed.

### **Committee Reports:**

- **Membership Report:** Lora Knowlton reported that currently we have 202 members. Lapsed members have been dropped from the membership list. She also reported that the club needs 27 new members to meet this year's financial projections for membership.

As an aside, Lora noted that Rocky Mountain PBS has an 8:00 p.m. Friday evening "Behind the Wings" video

series produced by the Wings Over the Rockies and hosted by curator Matthew Burchette.

- **Field Maintenance and Runways:** Bud Glass he will be setting up a work party to prepare the field for the Warbirds & Classics Over Denver event.
- **Flight Instruction / Training:** Bud Glass reported that no new students have signed up in the last month, but he did want to congratulate the 6 students that came down to Chatfield to fly. The old timers at the field were very accommodating to the newcomers and all had a great time.
- **FPV:** Bud Glass he has not received signage approval from the Park yet. Once approval is received Bud will have temporary coroplast signs made up. Permanent metal signs will replace the temporary signs following a trial period to determine if anything needs to be added, or if any of the verbiage needs to be changed.
- **Safety:** Member Eddie Teel was concerned that he found an abandoned, damaged lipo battery on one of the BBQ's again. Ron Ratcliffe stated that he and Bud have almost finished repurposing one of the Park's soda can trash barrels for use as a lipo battery disposal container.

### **Old Business:**

**Proposed amendment to the Club's bylaws:** President Thompson called for a vote on the proposed change in the club bylaws adding a definition of the duties and responsibilities of the Board of Directors. The vote to accept the amendment passed unanimously.

### **Events:**

**May Fun Fly** – Wednesday, May 22, 10:00 am.  
Alternative wind/rain date: Thursday, May 23.

- **Warbirds & Classics Over Denver** – June 7 – 9, 2019 Lora Knowlton noted that registrations are coming in as she mentioned in her treasurer's report. The link to the registration page is: <http://www.warbirdsoverdenver.com/>. She expressed the need for volunteers for this event (especially flight line) and passed around a volunteer sign-up sheet.

- **July General Meeting and Picnic, Chatfield** – July 17, 2019

- **Chatfield Ranger and Park Employee Fun fly** July, TBD

- **Pylon Race**- August 17 & 18; practice August 16

- **Programming:** Larry Fagan

- **June** – Doug and Lora Knowlton will present the June program, topic TBD.

- **July** – BBQ at the Aerodrome, Open Flying

- **August** – TBD Larry encouraged everyone to check their newsletter for program announcements.

# May 15, 2019 Jefco Aeromod'lers R/C Club Board Meeting Minutes

Meeting was called to order at 6:12 PM by President Bud Glass.

Bud Glass (P), Present	Lora Knowlton (Treas.), Present	Glenn Lee (BM), Present
Open	Ron Ratcliffe (Safety), Present	Josh Waltz (BM), Present
Larry Fagan (Sec), Present	Hank Diepenbroek (BM) Absent	Open

**Guest – Club Member Jeff Gittelman:** Jeff volunteered to coordinate Jefco club fun flies. Previously from the Chicago area and very active in his club there, Jeff reviewed some of the contests that his club at their fun flies. He then went over the rules and logistics for the upcoming Washer Drop and Spot Landing Fun Fly scheduled for May 22, and the Fast-n-Slow Fun Fly scheduled for June 19.

**President's Comments:** President Bud Glass presented his thoughts going forward as he presided over his first BOD meeting as president, following Peter Thompson's resignation May 1, 2019. Bud asked everyone to be respectful of each other's time and to keep the meeting moving and stay on topic; no war stories or tangents. Bud said he would like the Board to act on agenda items as quickly as possible and not have them carried on month after month. Bud said that with the downward trends in club membership and revenue, he believes the club's highest priority should be to sustain and grow the club, while looking for new sources of revenue. He said he would like to see more "critical and creative thinking" and wants to encourage more members to be involved in club activity. Bud said that every Board member should take on the responsibility of heading up a project, a committee or doing a job of some kind in addition to attending the monthly BOD meeting.

**Old/Unfinished Business:**

- **Club Contest Directors** – Lora Knowlton motioned to make Hank Diepenbroek as an official club Contest Director (CD), as Hank has now been an Assistant CD for at least two sanctioned club events. Josh Waltz seconded and the motion passed. Bud Glass and Craig Farthing will perform Assistant CD duties at this summer's Warbirds & Classics Over Denver and the Pylon Race events to qualify as club CD's.
- **FPV Drone Racing Rules** – Lora will create a brochure with the FPV Drone Racing rules to be posted in the kiosk the field.
- **Fundraising** – Lora presented a check to Arapahoe County Fairgrounds for Bud to sign, for the facility deposit for the 2020 Auction. Bud said he thinks the 2020 auction results will determine if we continue with this form of fundraising. Bud encouraged everyone to keep looking for alternate and creative fundraising opportunities for the club in addition to the Auction.
- **Bylaws** – The recent approved amendment to the club bylaws (regarding Board of Directors Duties) will soon be updated on the website.

**New Business:**

- **Open Board Position** – A board of director position, recently vacated by Art Wilson, is open. The Board discussed possible candidates. Hank Diepenbroek made a motion to nominate Craig Farthing to fill this open position through the end of the current term. Larry Fagan seconded the motion which carried with six votes in favor and one opposed.
- **New Committee** – Bud asked Peter Thompson to chair the Club History Project Committee. Peter accepted this appointment and will provide updates about the committee's progress and activities.
- **New Committee** – Bud appointed Jeff Gittelman to chair a Fun-Fly Committee after receiving agreement from the Board that such a committee would be of benefit to the Club.
- **Website – Members Only Page** – Bud suggested a Members Only page for club forum with a rotating moderator. He will follow up with webmaster Terry Hock to see what would be involved in setting up and operating such a forum.
- **Weather Station** – Bud brought up the idea of having controlled access (members only) to the weather station webpage. Terry Hock suggested that it might be more effective to have a banner ad across the top of the page promoting membership in the club. Bud also suggested having a link to the donation page of the site right in the message.
- **New Newsletter Column, Club Member Profile** – The June newsletter will introduce a new monthly column titled "Member Showcase". Active club members will be randomly-selected to appear in this new column where they will share interesting bits and pieces about their life and talk about their interest and experiences in model aviation.
- **Assistant Chair for Field Equipment and Repair** – Bud thanked member Patrick O'Grady for volunteering to be the Assistant Chair for Field & Runway Maintenance. Patrick has extensive experience with machinery and heavy construction equipment repair and maintenance. Patrick said he would be very happy to do whatever he could to help the club.
- **Brick Program** – The Brick Program was abandoned approximately 7 years ago due to lack of interest. Since then, the supplier of the bricks and engraver have gone out of business. Prior to the BOD meeting, Bud discussed the history of the Brick Program with

## May 15, 2019 Jefco Aeromod'lers R/C Club Board Meeting Minutes (Cont)

### New Business (Cont):

- **Brick Program (Cont)** – Lora and suggested that we look into the feasibility of starting it up again. After making a few phone calls, Bud tracked down an engraver in Littleton who is doing business for many of the customers from the original supplier. Since Hank was involved with this project at its inception, he said he would be willing to look into brick sources, consider alternate patterns and designs, and work with Bud to see if it is feasible to resurrect and continue this program.

**Secretary's Report:** Larry Fagan requested a motion for approval of the April 17, 2019 meeting minutes as published in the May newsletter. Ron Radcliffe made a motion to accept the minutes as published. The motion was seconded by Hank Diepenbroek and the motion carried.

**Treasurer's Report:** Lora Knowlton distributed financials through May 15. She reported there has been minimal activity since last month. The club's annual IRS Form 990 has been filed. A motion was made by Larry Fagan to accept the Treasurer's report which was seconded by Ron Ratcliffe. The motion carried.

**Safety:** Ron Ratcliffe, no report. Bud stated the lipo battery disposal container should be ready by the next meeting.

### Committee Reports:

- **Membership Report:** Lora Knowlton reported that there are 201 club members and 37 delinquent members.
- **Field Maintenance & Runways:** Bud reported that he recruited a few volunteers to mow and trim the infield areas at the field Monday morning, May 20. He has taken care of the last of the old startup stands.
- **FPV** – Bud reported that he sent a memo regarding the opening of FPV Drone Racing to the Board, LRPC and the MultiGP group. He has not yet received any feedback yet from the MultiGP group.
- **Flight Instruction / Training:** Bud Glass reported that no new students have signed up for training this month.
- **LRPC:** Bud Glass reported that the LRPC met with Anderson & Hastings Consultants for the second review of their new runway design drawings and cost estimates today. Cost estimates were reviewed, line by line. The engineer will be working on final drawings and cost estimates. The final review meeting is scheduled for June 05, 2019.
- **Auction** – Bud asked Glenn Lee to spearhead a search to help find a chair for the 2020 Auction Committee. Glenn agreed to take this on.

### Events:

- **May 22 Fun-Fly** – Bud and Lora will coordinate the email blast announcing the event.
- **Warbirds & Classics Over Denver** - Will be held June 7-9. Smiley is confirmed for Saturday and Sunday to cook BBQ.
- **July Meeting** - The July club meeting is scheduled for Wednesday, July 17 at the Aerodrome. Those bringing a spouse or significant others are welcome to do so. Watch your email and future newsletters for RSVP details. Smiley is confirmed to provide the BBQ. Illuminated night-flying planes will be allowed until 8:56 p.m.
- **Chatfield Employee Fun-Fly (July)** - The Chatfield Park Employee Appreciation Day will be held in late July or early August, the time and date to be announced. Bud will check Smiley's availability.
- **Pylon Race** - The Aerodrome will be closed (except to registered event pilots) from Friday through Sunday, August 16 - 18.
- **AMA National Model Aviation Day** - Will be held concurrently with the pylon race on Saturday, August 17.

### Programs:

- **June** - Lora and Doug Knowlton will present excerpts from the 2004 Warbirds Over the Rockies DVD.
- **July** - BBQ at the Aerodrome
- **August** - Two programs (yet to be confirmed) are on deck for August and September. Details are to be confirmed.

**Motion to Adjourn:** A motion to adjourn the meeting was made by Larry Fagan and was seconded by Ron Radcliffe. The meeting was adjourned at 8:38 P.M.

Respectfully submitted, Larry Fagan, Secretary.

**Welcome New Jefco Aeromod'lers R/C Club Members**

**Brannan Gamber – Centennial, CO  
Rick Raddatz – Littleton, CO**

### BYLAWS UPDATE

An updated version of the Club's bylaws has been published which includes the recently approved duties and responsibilities of the Board of Directors. It is on the Club's website at:

[http://jeffcoeromodlers.com/wp-content/uploads/2019/05/JefcoAeromodlersBYLAWS\\_5-1-19AMENDED.pdf](http://jeffcoeromodlers.com/wp-content/uploads/2019/05/JefcoAeromodlersBYLAWS_5-1-19AMENDED.pdf)

## May 1, 2019 Jefco Aeromod'lers R/C Club Special Board Meeting Minutes

Meeting was called to order at 9:05 PM by Vice President Bud Glass

Vacant (P)	Lora Knowlton (Treas.), Present	Glenn Lee (BM), Present
Bud Glass (VP), Present	Ron Ratcliffe(Safety), Present	Josh Waltz (BM), Present
Larry Fagan (Sec), Present	Hank Diepenbroek (BM) Present	Vacant (BM),

**The purpose of this special meeting was for the Board of Directors to conduct a confirmation vote installing Vice-President Bud Glass as President of the Jefco Aeromod'lers RC Club.**

Peter Thompson resigned as President of the Jefco Aeromod'lers RC Club at the end of this general meeting. In view of this, Lora Knowlton made a motion to confirm Bud Glass to assume the duties of the President of the

Jefco Aeromod'lers RC Club through the end of the current term, effective immediately. The motion was seconded by Larry Fagan and the motion carried.

**Motion to Adjourn:** A motion to adjourn the meeting was made by Larry Fagan and was seconded by Hank Diepenbroek. The meeting was adjourned at 9:07 P.M.

Respectfully submitted, Larry Fagan, Secretary.

## May 1, 2019 Jefco Aeromod'lers R/C Club Business Meeting Minutes (Cont)

**President's Comments:** President Thompson stated that he has been president for over 3-1/2 years. With that, he announced his resignation effective with the end of this meeting. Peter has experienced some major changes in his life and has decided this was the best course of action for him. He is still planning to participate in the Club and its events. He thanked many members for numerous club accomplishments while he's been president. Lora Knowlton pointed out that Pete was one of the longest serving presidents of the Club, and asked for a round of applause.

**Show & Tell:** Bruce Ream showed his WWI Jenny in "The Great Waldo Pepper" paint scheme from the movie with the same name that starred Robert Redford and Susan Sarandon. He built it from a Proctor Kit. Bud Glass showed a foam Skipper XL he painted that came all white. The outstanding paint job was the result of his

experiment in spray painting foam. He described the steps he took to highly decorate the plane in a stunning red, white and blue American flag theme. Bud's main purpose was to demonstrate his taping methods, and to show that some spray paints could be safely used without damaging Styrofoam.

**Drawing:** Dave Hock coordinated the drawing. The prizes were all donated by club members. Hank Diepenbroek and Carl Stokes won 2 mugs donated by Loren O'Dell, Johnny Wolf won a Pawnee Brave Airplane donated by Bud Glass, and Craig Farthing won an AMA jacket donated by Larry Bickel.

**MOTION to ADJOURN:** Johnnie Wolf made a motion to adjourn, it was seconded by Larry Fagan. The meeting adjourned at 9:00 pm.

Respectfully submitted,  
Larry Fagan, Secretary

**Board of Directors News** Photos by Bud Glass



Peter Thompson announced his resignation at the May Meeting. Refer to the President's Message.



Five year Board member Glenn Lee has announced his resignation May 16. His measured input will be missed.



Craig Farthing has agreed to fill out the remainder of Art Wilson's term with the Board of Directors.



Josh Waltz has notified the Board that he is willing to accept the position of Vice President.

**Drawing Winners** Photos by Bud Glass



Hank Diepenbroek (left) and Carl Stokes (right) each won a mug donated by Loren O'Dell. Johnny Wolf (lower left) won a Pawnee Brave Airplane donated by Bud Glass and Craig Farthing (lower right) won an AMA jacket donated by Larry Bickel.





Member Patrick O'Grady volunteered to give his time to help out with field and equipment maintenance. He was appointed to Assistant Chair of Field and Runway Maintenance.

### Upcoming Programs.

- **June** - 2004 Warbirds Over the Rockies DVD. Lora and Doug Knowlton will present hi-lights from the first Warbirds Over the Rockies held in 2004.
- **July** - BBQ at the Aerodrome, Open Flying. Spouses or Significant Others welcome are welcome, Please RSVP
- **August** - Terry Hock will present "Test result of comparing three popular radios and receivers for their maximum range under identical conditions and testing them to radio interference."

### Safety Spotlight Submitted by Ron Ratcliffe

Hey pilots

Happy memorial day everyone, especially vets.

We have come along way from the Viet Nam era in respecting veterans.

I haven't put out the fire buckets yet, Every time I figure it's about time, it snows.

The new rules for FPV racing will be available at the kiosk. The rules will most likely have to be revised as we gain more experience with drone racing events. As we get our feet wet with FPV drone racing we should have a better idea how to add in fixed wing and drone FPV at our general flying areas as there are only so many frequencies available. Reminds one of 72 megahertz.

I just want to remind everyone to be respectful of each other with the fickle winds of Chatfield and changing runways when others are trying to fly drones &/or helicopters.

Lets take turns and respect everyone's right to fly, including 3D and warbirds.

Safe flying

### Fun-Fly #2 – "Fast-N-Slow"

This month's Fun Fly will be the "FAST-N-SLOW". The event will be held on Wednesday, June 19<sup>th</sup> (rain/wind date June 20<sup>th</sup>). Please sign in when you arrive. Competition will start as soon as pilots are ready, approximately 10:00 AM, with practice before and open flying afterwards.

Here's how it works. The object of this event is to have the greatest speed differential between how fast and how slow your model will fly. You will first make one level pass across the markings on the runway followed by a second pass in the same direction. The first pass will be the FAST pass; the second pass will be the SLOW pass. The model will be timed and the speed computed from a time/mph chart.

The winner will have the largest speed differential between the fast and the slow speed. The second largest, second place and so on. Each pilot must make both passes in the same direction over the selected runway. The model must make a LEVEL pass, neither climbing nor diving as it crosses the start and stop markers. No maneuvers are allowed, especially during the slow pass. The nose of the aircraft must remain parallel to the ground. No 3-D or High Alpha maneuvers are allowed. Flaps, flaperons and/or retracts may be used during the slow pass.

As an added bonus we will also rate spot landings. If your wheels touch within the marked area an additional 5 seconds will be added to your speed differential score.

Pilots will have up to three opportunities to make the fast and slow passes – the additional passes will be made consecutively so that only one landing will be made for the three attempts.

Hope to see you at the Fun Fly!!!

Jeff Gittelman

Email Jeff at: [Jgittelman2@gmail.com](mailto:Jgittelman2@gmail.com)

### Fun-Fly #1 – Washer Drop, May 30



1st Place winner Loren O'Dell dropping washer with streamer attempting to hit the cone on the right.

## Member Showcase – Dave Gianakos



I've lived almost my entire life in the Denver area. I was born in Missouri where my father was a B-47 Stratojet pilot in the Strategic Air Command at Whiteman AFB. He survived combat assignments with the 8<sup>th</sup> USAF flying B-17s and B-24s on missions over Germany, a combat tour in Korea flying B-29s, but sadly was killed along with

the crew of four shortly after takeoff as apparently the aircraft suffered a structural failure and no one was able to eject. I was only 18 months old at the time, so I only know him from pictures and what his friends told me about him.

After the accident, we moved to Aurora, CO, where my parents had met during the war. From a very early age, no doubt influenced by the dad I never got to know, I wanted to be a pilot or even an astronaut someday. I also loved modeling. My mom helped me make my first plastic model airplane from a kit when I was about five years old, I think.

I continued to improve my modeling skills and dabbled in scratch building, which I still enjoy doing. My first project was a 1/6 scale Mercury space capsule made out of lampshades for my GI Joe when I was about nine years old. My grandma made a very detailed spacesuit to my exacting specifications, but she kept a good humor about it.

I worked hard to become a pilot, joining the Civil Air Patrol when I was 13. I really enjoyed it, got a flight scholarship to obtain my Private Pilot's license. I got a degree in Geology at Colorado State University, and later got a second BS at Metro State College. My first flying job after doing a year or so of instructing in light

airplanes was flying a DC-8 Freighter, followed by getting hired by Northwest Airlines in 1981. Eventually, I checked out as captain flying the Boeing 757, 747, and 747-400. I was heavily involved in flight standards and instructor work on the 747-400 fleet from 2002-2014 when I retired from Delta, as we merged with them in 2008. It was a great career.

One of my fondest memories was work I have done with the Smithsonian's National Air and Space Museum since 1994. I was fortunate that they accepted my offer to donate a flyable 1/34 scale model of the Apollo 11 Saturn V rocket and launch pad, along with other projects I have done with them for the past 25 years. I was able to work on a real Lunar Module, LM-2, to do restoration work with a team in 2009, and again in 2015-16. I fabricated several scratch built items for the lander, including a flag carrier that attached to the ladder on the front leg of the module. I even put a real American Flag inside, although no one will ever see it.

One other interesting thing I'll mention was that I participated with an organization called BentProp on an expedition looking for WWII MIAs in the Pacific, specifically Palau, from WWII. The year that I was there in 2014, our team discovered the remains of an Avenger and a Hellcat, with human remains onboard that were recovered. After processing and identification in Hawaii, the next of kin were notified and they were given a proper burial in the USA. That was very rewarding for all of us.

Last, my wife Gail and I have decided to move up to Cody Wyoming to retire in a place more suited to our present lifestyle, or at least what we would like to live. It's a great place, very laid back, and we look forward to the move later this summer, hopefully. They have an adequate flying field and small club where I can continue flying RC aircraft.

I have thoroughly enjoyed flying at Chatfield since 2001. I've made a lot of good friends and met great people along the way. I hope to get down on occasion to check out the Jefco Aeromodlers flying field from time to time.

## National Model Aviation Day, Saturday, August 17

The Jefco Aeromod'lers will celebrate National Model Aviation Day, Saturday, August 17 in conjunction with the club's Annual Pylon Race. While the field will be closed to public flying due to the Pylon Race

activities, the club still welcomes those who might be interested in model flying to watch and learn. Small hand-tossed gliders will be available for kids. Stay tuned for more information!



Terry Hock gave a very interesting presentation about measuring the Equivalent Series Resistance (ESR) of lipo batteries, and how to make meaningful battery decisions once you have that information.

**Lithium Polymer Battery Testing**  
Terry Hock  
May 1, 2019

What is the best way to test your batteries?

- Dead Stick - Airplane falls out of the sky
- Flight Performance
- Visual Inspection
- Load Test
- Battery Voltage
- Equivalent Series / Internal Resistance

The slide features a background image of various electronic testing equipment, including a USB motor and a battery pack.

This is the link to the PDF of Terry Hock's presentation: <http://jeffcoeromodelers.com/wp-content/uploads/2019/05/Lithium-Polymer-Batteries-96-website.pdf>



Josh Waltz and Carl Stokes pay close attention to Bruce Ream's description of his WWI Jenny Proctor Kit decked out in "The Great Waldo Pepper" paint scheme. The plane's maiden flight was April 24. This is the Link to Bud's video of Bruce Ream's Jenny maiden flight: <https://youtu.be/QP3v5AOHbrA>



Here is the link to the Rocky Mountain PBS "Behind the Wings" video series Lora mentioned in the general meeting minutes: <http://wingsmuseum.org/about/museum-news/videoblog/>

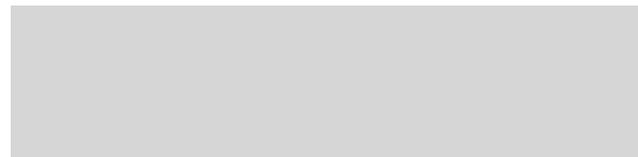


Bud Glass showed his foam Skipper XL he painted that came all white. He used this plane to experiment with spray painting foam. He designed the paint scheme by taking pictures of the unpainted plane and using magic



markers to try different designs. Bud's main purpose was to demonstrate his taping methods, and to show that some spray paints could be safely used without damaging Styrofoam. Bud says the plane flies quite well.

**The Jefco Flyer**  
**Larry Fagan, Editor**  
**4881 S Arbutus St.**  
**Morrison, CO 80465**



Craig Farthing measuring the distance the washer fell from the cone, Washer Drop Fun-Fly

<b>June 2019</b>		<b>July 2019</b>		<b>August 2019</b>	
5	Business Meeting	17	Business Meeting and BBQ at the Aerodrome. Spouses, Significant Others welcome, Please RSVP	1	Business Meeting
7-9	Warbirds & Classics Over Denver			15	Board Meeting
19	Fun-Fly			16-18	Pylon Race
19	Board Meeting	24	Chatfield Ranger and Park Employee Fun fly		

**Business meetings: First Wed. night of each month. Meetings are called to order at 07:00 P.M, programs to follow, at the Alice Terry Elementary School at 4485 S. Irving Street, (located approximately 1/4 mile away from the previous middle school location). Board meetings are held the third Wed. night of each month, 06:30 P.M. If you wish to attend, contact President Bud Glass in advance.**

*The BOD has approved the **Field Safety & Operations Manual**. All members should review this document in the club's website [www.jeffcoeromodlers.com](http://www.jeffcoeromodlers.com) for the latest rules and regulations.*

**Views and or opinions expressed in this newsletter are those of the editor, staff, and writers of articles submitted. They may or may not be those of the Jefco membership, club officers, or board members.**