

# THE JEFKO FLYER

## AMA #176



### 2018 Board of Directors

President	Peter Thompson	303-791-3407
Vice President	Glenn Lee	303-972-6470
Treasurer	Lora Knowlton	303-973-1209
Secretary	Larry Fagan	303-697-4569
AMA Safety Officer	Steve Rosselot	303-378-4990
Board Member	Ron Ratcliffe	303-660-3842
Board Member	Hank Diepenbroek	303-875-9328
Board Member	Art Wilson	303-506-7449
Board Member	Bud Glass	303-347-2078

### 2018 Volunteers

Club Historian	Lee Taylor	303-237-8772
Park Liaison	Tom Elliot	303-795-2547
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	Vacant	N/A
LRPC Chairman	Bruce Ream	303-346-5722
Membership Coordinator	Lora Knowlton	303-973-1209

Equipment Repair  
Field Information Coordinator  
Field/Runway Maintenance

Larry Bickel 303-794-2167  
Ron Ratcliffe 303-660-3842

Chair  
Program Director  
Newsletter Editor  
Web Master  
Fire Marshal & First Aid  
Club Photographer

Bud Glass 303-829-5351  
Larry Fagan 303-697-4569  
Larry Fagan 303-697-4569  
Terry Hock N/A  
Ron Ratcliffe 303-660-3842  
Bud Glass 303-829-5351

Jefco Home page:

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

AMA Website:

[www.modelaircraft.org](http://www.modelaircraft.org)

Dist IX website:

[www.amadistrict-ix.org](http://www.amadistrict-ix.org)

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Monthly Newsletter archived at:

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

Chatfield Aerodrome Weather:

[www.jeffcoeromodlers.com/weather/](http://www.jeffcoeromodlers.com/weather/)

Jefco Aeromod'lers Mailing Address:  
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Volume XLVIII

April 2018

Number 4

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

**Above: - - A hawk surveys the field at last year's Warbirds Over Denver - Photo by Bud Glass**

**April's Program: Mini Auction. Cash or Checks Only!!**

## President's Message - April, 2018



to sew grass on the north side of the E/W runway for large RC aircraft to land on instead of asphalt. Grass is easier on the landing gear and it look really cool. Well, it looks like it is going to happen. We will need volunteers to help water once the grass is sewn for germination. Contact Bud Glass or myself for details.

Jeffco Aeromod'lers continues to move forward with the FPV racing addition to the field. The race venue will be south of the parking lot. Our FPV committee is working with the Park and the LRPC (Long-Range Planning Committee) to layout the field and look at costs to add improvements as we feel are needed. The field improvements are likely the easiest to deal with. Integrating the FPV (Multirotor Grand Prix) rules, etc. into our Club's purpose for being is much more difficult. Keep reading the news letter and coming to the meetings for updates.

The flying season is upon us now. It is light until 7:30PM, the temperature later in the day, is warmer. Yes, we will get rain and hopefully enough to germinate grass seed. It's all good. We have a lot of activities this summer. Be involved and you will enjoy your flying experience at Jeffco Aeromod'lers much more fun.

Peter Thompson, President

Jeffco Aeromod'lers

### Jeffco Membership:

April is upon us. I got 6" of snow in my backyard today. Great for the grass.

Speaking of grass, Bud Glass is working with Chatfield to enhance our aerodrome by allowing Jeffco Aeromod'lers to seed grass along the East/West runway for both the upcoming pylon races in August and for Warbirds in June. A proposal was made by Bruno Mary this past year

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

**Curtis Durham – Littleton, CO**

**Tony Hagger – Castle Rock, CO**

**Christopher Lippert – Lone Tree, CO**

### Jeffco Aeromod'lers

April	4	Ted	Magaletti
April	5	Robert L.	Boyce
April	5	Harold 'Hal'	Hockett
April	5	Ryan	Haldenwanger
April	5	Rob	Derstadt
April	13	Dennis	Yates
April	16	Harold	Perkins
April	16	Alan	Brown
April	18	Scott	Hoge
April	20	Robert 'Bud'	Gates
April	20	Jim	Griffin



### April Birthdays

April	20	Jim	Jackson
April	21	Paul	McIntosh
April	24	Bill	Moore
April	25	GLEN	MAGREE
April	25	Sam	Levy
April	25	Ron	Rose
April	28	Bruce	Ream
April	28	Wayne	Howard
April	29	Paul	Walker
April	29	Randy	Gutierrez

## March 7, 2018 Jefco Aeromod'lers R/C Club Business Meeting Minutes

**The meeting was called to order by President Peter Thompson at 7:03 PM at the Alice Terry Elementary School. There were 28 in attendance.**

**President's Welcome:** President Thompson opened the the meeting with a brief discussion of "Attitude is a small thing that makes a big difference". This is a motto of a business friend of President Thompson's and it has had an meaningful impact on him. He went on to relate how this motto applies to flying and using the facilities at the Aerodrome. Bud Glass asked president Thompson to remind everyone that the new name badges are available for pick up during the break.

**Program:** President Thompson asked Larry Fagan to introduce Nazanin Kuseh Kalani Yazd, who goes by Naz for short, with the Colorado Skin Cancer Task Force. Naz graciously introduced herself when she saw Larry struggling to pronounce her name. She gave a very polished presentation on skin cancer prevention, a very germane topic for model pilots who spend a lot of time in the sun. They took pictures of those interested using a special camera that employs a cross-polarized UV light for cancer screening. From the pictures they could determine areas that might reveal skin cancers. Many of those in attendance lined up for the photos and screening process. Naz was referred to the club by Bud Glass.

**New Guests and New Members:** Ngozi Obi introduced herself. She accompanied Nazanin to assist with the cancer screening pictures. Rick Gutierrez from the new HobbyTown Parker hobby store near Lincoln Ave. and Jordan Rd. introduced himself. They moved from the old Centennial location. Rick said to mention that you are a member of a model flying club to get discounts on flying models. He also brought a gift for the club, a Horizon Hobby Champ S+. President Thompson said we would use it for a drawing prize, and used this opportunity for ask if anyone is interested in running the drawing program. There were no takers.

### **Old/Unfinished Business:**

• **New Board Member Hank Diepenbroek:** President Thompson introduced Hank Diepenbroek who was appointed to the open member-at-large Board position.

**Secretary's Report:** Steve McGill made a motion to accept the February 7, 2018 general meeting minutes as published in the March, 2018 newsletter. The motion was seconded by David Michael and carried.

**Treasurer's Report:** President Thompson presented the treasurer's report due to Lora Knowlton's absence. Income from the proceeds of the auction places our club on firm financial footing. Lora provided President Thompson with a balance sheet which he made available to anyone who was interested in perusing it. Lora

reported that the IRS form 990 for the 2016-2017 fiscal year has been submitted before the due date. Bud Glass made a motion to accept the Treasurer's report which was seconded by Ron Ratcliffe. The motion passed.

### **Committee Reports:**

- **Membership Report:** President Thompson said that Lora Knowlton reports that we have 188 members renewed, and 40 that have not renewed.
- **FPV:** Bud Glass, Chairman of the FPV Implementation and Rule Development Committee, reported the committee met for the first time Saturday March 3. Bud said that he is planning to present a very preliminary proposal to the Park before the end of the month. He stated that he feels we need more input from the Park before his committee can proceed. He will keep the Club informed about the committee's progress.
- **Field Maintenance and Runways:** Bud reports that the pavement contractor will attempt to level one of the slightly crowned patches. Bud will set up a time with the contractor to perform the work.
- **Events:** President Thompson stated that the next important event will Warbirds Over Denver in June. He plans to have a dinner at the Aerodrome for the July meeting and maybe some dusk flying as well. Also in July we plan to hold our annual Park Ranger and Employee Fun Fly. August will see the Champs Pylon Race. President Thompson encouraged members to visit the website to keep current with events.
- **Programs:** Larry Fagan reported on future programs.
  - **April** - Mini Auction
  - **May** - very tentative, Chris Jackson, Commercial UAS Helicopter. Standby: a DVD of the 2017 Airshow held in Duxford, England.
  - **June** - TBD

**Shea Homes Update:** Bruce Ream reports that The Long-Range Planning Committee (LRPC) has fulfilled the Club's obligation to Shea Home to get three proposals for the Surveying and Engineering of the proposed runway. The LRPC has the proposals and they are ready. Bruce wants to meet with Shea Holmes in person since the man he used to coordinate with has left Shea Homes. Bruce hopes to get the surveying and engineering contract awarded within the next month to month and a half so that over this summer the LRPC can get the engineering completed and be ready for construction by next spring.

Bruce went on to explain that Shea Homes plans to start work on their project's infrastructure such as roads, sewer, water, etc. this summer. To Bruce's knowledge, they will not start any homes this summer, but may start

## March 21, 2018 Jefco Aeromod'lers R/C Club Board Meeting Minutes

Meeting was called to order at 6:50 PM by President Peter Thompson.

Peter Thompson(P), Present	Lora Knowlton (Treas.), Present	Ron Ratcliffe (BM), Absent
Glenn Lee (VP), Present	Steve Rosselot (Safety), Present	Art Wilson (BM), Present
Larry Fagan (Sec), Present	Hank Diepenbroek (BM) Present	Bud Glass (BM), Present

### President's Comments:

- **Welcome Hank** - Hank Diepenbroek introduced himself. He was appointed to the open Board position. Hank talked a bit about his profession, and mentioned he laid out the brick pattern at the Club's Kiosk several years ago.
- **Long-Range Planning Committee - LRPC** - President Thompson described the makeup and expertise of the LRPC. The LRPC has been charged with finding an engineering firm for the Shea Homes project as well as providing project management, and it is comforting to realize the wide range of expertise it represents.

### Old/Unfinished Business:

- **Bylaws change discussion** - There are several items that need to be updated in the bylaws. For instance, the definition of fiscal year that now coincides with the calendar year and nominating and voting times for Board members needs to be updated. Board members have submitted suggested changes and they now need to be compiled and organized for a membership vote.
- **Operating Agreement Change Recommendation** - It is recommended that the changes would make it clear that the Aerodrome is primarily a fixed wing operation. The Park is open to entertaining this change, but submitting this change should be delayed until the FPV Racing proposal is finalized and approved. Bud Glass presented a conceptual drawing for an FPV Drone Racing area south of the south fence of the parking lot. Bud wants to take a very methodical approach to getting FPV Racing going right the first time. Lora repeated a phrase used in the special event industry "Do not rush to destructure". Bud encouraged everyone to be part of the solution, not part of the problem - if you are interested in getting FPV racing going, volunteer to help.

### New Business:

- **Jeffco Battery Charger Request** - President Thompson stated that he received an email inquiry about a battery charging station. While the Board is very interested in such a project, it is not as high a priority with everything else that is going on at this time.
- **Longmont Airport Expo** - Peter Thompson received an invitation to participate with a club booth at the Longmont Airport Expo being held June 23, 2018. The Board decided it would pass on

the invite, as it would be better for clubs closer to Longmont to participate and represent the hobby.

- **Safety Card** - Bud Glass proposed that the club implement a new and more stringent safety program. The program would require any pilot flying at the Aerodrome to possess and display evidence of an RC Pilot Safety Card. The card would be available by taking an online study course and passing a final test. The RC Pilot Safety Card program is modeled after the Colorado Parks and Wildlife Hunter Safety Card. This is a concept at this time and would have to be approved by the park, but the Board of Directors is on record as being in full support of the program. Program details will be worked out pending approval by park officials.

**Secretaries Report:** Larry Fagan requested a motion for the approval of the February 21, 2018 BOD meeting minutes if there were no corrections or additions to these published minutes. A motion to accept the minutes as published was made by Bud Glass and seconded by Art Wilson. The motion carried.

**Treasurer's Report:** Lora Knowlton stated that nothing has changed since the treasurer's report given at the general meeting. A motion to accept the minutes as reported at the March general meeting was made by Larry Fagan and seconded by Steve Rosselot. The motion carried.

**Safety Report:** Bud Glass made a motion to approach the Park and the LRPC to put a split rail fence along the north/south taxiways on the pilot box side only. The motion was seconded by Glenn Lee. Since pilots have their backs to a plane taxiing out of the pits to the runway they could be put at risk of being hit by an out-of-control taxiing plane. Lora said that the fence should be back far enough for a large scale plane (at least 120 inch wingspan) to taxi without fear of catching a wingtip on the fence. Bud agreed to ensure that would be so. The motion was carried.

### Committee Reports:

- **Membership Report:** Lora Knowlton reported no change in membership since the general meeting. It was decided that Lora will mail out the remaining membership badges without the attachment straps. This will save about \$1.50 per card in mailing fees. The attachment straps will be stored at the Aerodrome where

## **March 7, 2018 Jefco Aeromod'lers R/C Club Business Meeting Minutes (Cont)**

### **Shea Homes Update (Cont):**

laying foundations in late fall. Their push to start home construction will be in 2019. Bruce hopes to see the new runway construction occurring in the same 2019 time frame.

Bruce met with the Park and found that they will require a storm water permit. This does not have to go through Douglas County, but will have to be approved by the Corps of Engineers. Bruce will have to submit an amendment to our proposals to get this permit but this is underway.

Hank Diepenbroek asked if the engineering drawings could be reviewed. He is concerned about the topography of the area where the east end of the proposed E - W runway extension drops off. The engineers would determine the topography and take this into account in the engineering phase. Bruce agreed with Hank that we would not want a severe drop off at the east end of the runway extension.

**Show and Tell:** Frank Fussenegger brought in some racing quadcopters to give everyone an idea of what we've been talking about when we discuss FPV racing. He also brought in a couple of helicopters for comparison. Bruce Riley brought his F8F-1 Bearcat. He won this plane in the drawing two months ago. Bruce Ream showed his Fokker DR-1 which was in the "bones state" at the January meeting. It is now beautifully finished and ready for flying. Peter Thompson brought in his Aero Works 3-D plane and his faithful DeHavilland DHC-2 Beaver.

**Drawing:** There was no drawing tonight.

**MOTION to ADJOURN:** The meeting was adjourned at 8:27 pm.

Respectfully submitted, Larry Fagan, Secretary

## **March 21, 2018 Jefco Aeromod'lers R/C Club Board Meeting Minutes (Cont)**

### **Committee Reports (Cont):**

#### **• Membership Report (Cont):**

where they can be passed out when members come to fly.

- **Flight Instruction / Training:** Bud reported no new sign-ups this month. While working with several student pilots at Dakota Ridge a week ago, Bud reported that five of his students took off, one after another, all flew in a nice pattern for several minutes, and all finished up with great landings on the grass field. Bud said that morning was one of the most gratifying days he has had in recent years as a flight instructor. Congratulations students!

### **Events:**

- **Mini Auction:** The April mini auction will be held on April 4, 2018 at Alice Terry Elementary School at 4485 S. Irving Street, in lieu of our usual business meeting. Bruce Robson has again volunteered to be the auctioneer.
- **Warbirds Over Denver:** Will be held Friday, June 8 - Sunday, June 10 2018.
- **Chatfield Ranger/Employee Fun Fly** - Will be held July 18
- **Programs:**
  - **April** - Mini Auction.
  - **May** - TBD
  - **June** - Possibly something Warbird related.
  - **July** - BBQ at the aerodrome.

**Motion to Adjourn:** A motion to adjourn the meeting was made by Steve Rosselot and was seconded by Art Wilson. The meeting was adjourned at 8:59 P.M.

Respectfully submitted, Larry Fagan, Secretary.

### **Mini Auction!**

**The April meeting will be devoted exclusively to the Mini Auction.**

**Remember, Cash or Checks ONLY!**



# Mini Auction

Presented by the Jefco Aeromod'lers RC

**Wednesday, April 4 ~ 7:00 p.m.**

**Alice Terry Elementary School Cafeteria  
4485 S. Irving Street, Sheridan, CO 80110**



**Clean Out Your Hobby Room!**

**Donate & bring your good stuff  
to the Jefco Aeromod'lers Mini Auction.  
Anything Aviation-related acceptable ~  
No Magazines or Fuel, please.**

**Proceeds to Benefit Flying Field Improvements**

**CASH & CHECKS ONLY. NO CREDIT CARDS.**



Frank Fussenegger brought in some helicopters and racing quadcopters for comparison.



Frank's racing quadcopters at the nose of his large Synergy helicopter.



Bruce Riley brought his F8F-1 Bearcat that he won in the drawing two months ago. It comes with retracts and flaps, and no glue is used in assembly. He says it flies fine. He is a bit concerned about the plastic retracts. He says not a bad plane for the \$5.00 he spent on it.

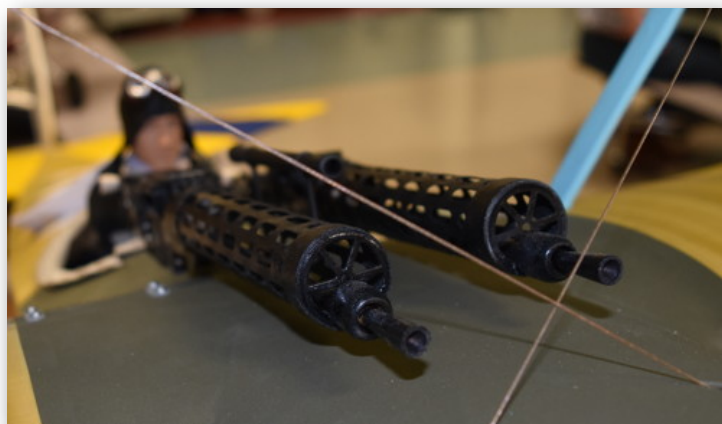


Bruce Ream's Beautiful Fokker DR-1. Right, the engine detail. More to follow on the next page.





Check out the cockpit detail on Bruce's Fokker DR-1. Each machine gun was individually built from a kit. The fabric had to be painted before being applied. The wing covering on the original plane was painted at the factory using a 4 inch brush, so Dave Gianakos used a 1 inch brush to paint the fabric since the plane is a quarter scale. Dave would paint the fabric on a wall at his house, then deliver the painted fabric to Bruce who would then



use it to cover the plane. The many scalloped edges made applying the covering quite a challenge to say the least. The finished model weighs in at 17 pounds and is powered by a Saito 180. The wheels are from Proctor and are quite heavy, and mount ahead of the CG. This worked out well since Bruce did not have to add any nose or tail weight to balance right on the CG. The cowlings are hand stitched. Bruce has now built 1/4 scale replicas of all the WWI Fokker planes produced.

Below, Pete Thompson's Aeroworks 3-D plane that he hopes to use in combat. Below that, his DeHavilland DHC-2 Beaver. Pete went over quite a list of repairs its seen over its life. Pete says it still flies just fine.



### **Emily, one of Bud's Students**



Emily, a student of Bud Glass, proudly displaying her Mini Apprentice at Dakota Ridge after a morning of flying. Emily completed several solos, including many great touch & go's. Her dad and sister Grace are also Bud's students.



Nazanin Kuseh Kalani Yazd (Naz for short) presents her power point slides.



Ngozi Obi set up the cross-polarized UV light camera and managed consent forms.



Naz confers with Hank Diepenbroek.



Ngozi handles consent forms while Mike Boyer looks on.

## COLORADO SKIN CANCER TASK FORCE

**Dr. Robert Dellavalle and Nazanin Kalani**  
Co-Chairs of Colorado Skin Cancer Task Force

Nazanin Kuseh Kalani Yazd is a co-chair of the Colorado Skin Cancer Task Force along with Dr. Robert Dellavalle. She will receive her Doctor of Medicine in May. She has chosen to make the treatment of skin cancer her speciality because she believes that will allow her to have the greatest impact on quality of life for patients of all ages.

Her informative talk covered the major types of skin cancer, how to look for them, and the necessity for skin

cancer screening. She explained the importance of properly applying sun screen and wearing sun protective clothing and sunglasses.

Naz and Ngozi then proceeded to sign members up to have an on the spot skin cancer screening of their face using the special cross polarized UV light camera. There was a long line of members awaiting their turn for the screening, and Naz and Ngozi did not finish up until just before the meeting was adjourned.

Naz sent along the following sunscreen resources:

Experts' Tips for Choosing the Safest Sunscreen:

<http://www.cnn.com/2017/05/23/health/sunscreen-consumer-guidelines/index.html>

EWG's Sunscreen Guide:

<http://www.ewg.org/sunscreen/report/executive-summary/>



LRPC chair Bruce Ream brings everyone up to date about the Shea Homes project.



**Programs and Presenters needed!**

Do you have a program suggestion? Would you like to present a program or know of someone who would? Please contact Larry Fagan by phone or e-mail. His contact information is on the cover page.

# MILE-HIGH Q40 CHAMP RACE

Hosted by JEFCA Aeromod'lers  
Chatfield State Park  
Littleton, COLORADO

**AUG. 25-26, 2018**

- NMPRA Q40 Championship Race!
- Course will be set up Aug. 20-24.
- Fuel will be available for purchase.
- "Smiley's BBQ" lunch will be available for purchase Fri, Sat & Sun.
- \$100 Entry. Trophies for Top 10.

**\$1000 for 1<sup>st</sup> Place**

**\$500 for Fast Time**

**Plus drawing prizes!**

- Go to NMPRA.net for ENTRY FORM.



**Contact Hank Diepenbroek:**

**303-875-9328**

**nsdraft@comcast.net**

Go to:  
**www.jeffcoeromodlers.com**  
for field details & photos



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



Frank Fussenegger brought in some racing quadcopters to give everyone an idea of what we've been talking about when we discuss FPV racing.

April 2018		May 2018		June 2018	
4	Mini Auction	2	Business Meeting	6	Business Meeting
18	Board Meeting	16	Board Meeting	8 - 10	Warbirds Over Denver
				20	Board Meeting

**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 Peter Thompson 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.**