

# 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	303-902-6747
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  
Field Information Coordinator  
Field/Runway Maintenance  
Chair  
Program Director  
Newsletter Editor  
Webmaster / Weather Station  
Fire Marshal & First Aid  
Club Photographer  
Jefco Home page:  
AMA Website:  
Dist IX website:

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

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

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

Newsletter Submissions e-mail [larrynotcurlyormho@centurylink.net](mailto:larrynotcurlyormho@centurylink.net)  
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:  
Jefco Aeromod'lers RC Club  
P.O. Box 621156  
Littleton, CO 80162-1156

Volume XLVIII

October 2018

Number 10

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

*Above: Six of Bud Glass' trainees in the air at the same time!*

*(One on Buddy Box, one Photographer.) Photo by Bud Glass*

*October's Program: Lee Taylor and the Pisces Harmonica Trio*



## President's Message - October, 2018



Jeffco Membership,

Today, as I write this letter, it is the first full day of Fall. A beautiful Harvest Moon this morning, colder. The days are short and soon we will return to Mountain Time. I purchased a gas engine last week for install into my build project started a number of weeks ago. It is important to have something to keep you going during the colder months of the year. What are you doing to pass the time until spring arrives again?

What is coming up at Jeffco now that most all of the major events are over? Well, we may have a fun fly at Chatfield in November, we are waiting on Chatfield Park officials to approve our FPV plan, of course, waiting on Shea Homes and the county to get their plans together. Your BOD is busy updating the operating agreement between Jeffco and Chatfield. More on that at the meeting on October 3. The BOD is also updating the Club bylaws. We will present the changes at the October 3 meeting and take a vote for approval. If you want input on this, show up!

We are also beginning the auction planning process. Your ideas on how we can improve this regular event is crucial if we want to sustain this fundraiser. So, in the next few meetings, we will be discussing how we can make this event better.

That's about it for now. One more thing. Please come to the October 3 meeting. Lee Taylor and the Pisces Harmonica Trio will be playing. Should be a lot of fun.

See you all then.

Peter Thompson

President

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

**Darren Robey – Englewood, CO**

**Michael Miles – Highlands Ranch, CO**

### Jeffco Aeromod'lers

October	1	Ira	Borton
October	1	Dave	DeLapp
October	2	Terry	Hock
October	4	Philip	Lund
October	7	Tom	Walsh
October	9	Terry	Barnhart



### October Birthdays

October	9	Paul	Inman
October	9	Bill	Neyman
October	12	Art	Wilson
October	25	Virgil	Gooselaw
October	28	Haleigh	McGill
October	28	Michael	Peterson

## September 5, 2018 Jeffco 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 approximately 15 in attendance.**

**President's Comments:** President Thompson began the meeting by playing back the video "Signature Stories: Jeffco Aeromod'lers RC Club" by photojournalist Dan Maybury. It can be found online at: <https://kdvr.com/2018/08/22/signature-stories-jeffco-aeromodlers-rc-club/>. KDVR Fox31 has also posted a link to our website right below their video. The link to the video is also posted about 1/2 down on the Club's website homepage. The video featured our very own President Peter Thompson narrating many of the scenes. This is a must see video for all club members.

While the video was being set up President Thompson reiterated his thanks to Hank Diepenbroek for all his hard work in putting on the very successful Champs Pylon Race.

**Program:** Bud Glass presented his Solar Panel/Charger set-up he's installed in and on his van. The presentation was very polished and informative. Bud even concluded with a list of parts and a cost break-down. The presentation was well received.

Larry Fagan presented a report describing how he discharged a damaged 4000 mAh 6 cell battery that was found in the weeds during Model Aviation Day. He described the amount of energy still remaining in the battery and tried to relate that to a real world situation. Larry estimated the remaining energy to be equivalent to a 3 HP lawn mower running full out for 1-1/2 minutes.

This sparked a discussion about Lipo Battery handling and disposal. Bud Glass made a motion that he and Ron Radcliffe investigate a permanent Lipo disposal system for the air field and that we also recognize that in the field rules. The motion was seconded by Larry Fagan and passed.

**New Guests and New Members:** New member Ron Cadenhead who lives in Castle Rock introduced himself. He's been retired about 5 years and is getting into R/C. He is one of Bud Glass' students. He enjoys visiting the aerodrome and talking to members he meets there. Bud mentioned that Ron pitched in and helped at the pylon race and was one of the last to go home after it was over.

### **New Business:**

• **Elections:** A proposed slate of officers and Board members-at-large will be presented at the October meeting. Nominations for these positions will also be taken from the floor. It should be noted this is a departure from past practices due to the change in our fiscal year which was from October to September to a

calendar year. The new officers and members-at-large will assume their offices in January. The vote will be taken in November to avoid taking the vote in December which is a very busy month for most people.

• **Bylaws Changes:** President Thompson stated that the Board is working on revisions to the bylaws to account for the new fiscal year affecting elections and membership dues dates. There are a few other additions as well as several formatting corrections to be addressed. The Board hopes to present the revised bylaws to the membership for a vote at the next business meeting in October.

### • **Events:**

**1. October/November Fun Fly:** President Thompson announced the possibility of having a Fall Float Fun Fly. This event would take place after the water is closed to boats, probably mid November. President Thompson said he will be asking for volunteers to run this event. Since it is a fun fly and not a contest the volunteer would not have to be an AMA recognized CD.

**2. I. C. Carb day, January 1, 2019:** President Thompson invited all to come out for I. C. Carb Day to celebrate the first flights of the new year. Take off time is 7:00 AM. He will bring breakfast burritos and hot coffee to share.

• **Auction Chairman:** The auction is scheduled for February, and we still have not had a volunteer step forward to be Auction Chairman. President Thompson will manage that duty until a chairman is installed. He stated we will need to have an auction committee meeting within the next month or so. It was pointed out that the chairmanship of the Auction could be filled by two people acting as co-chairs coordinating with each other.

**Secretary's Report:** Terry Hock motioned to accept the August 1, 2018, general meeting minutes as published in the September newsletter. The motion was seconded by Ron Ratcliffe and carried.

**Treasurer's Report:** - Lora Knowlton stated the Treasurer's report was current as of September 1. She went on to explain the numbers do not reflect all income from the Champs pylon race; those figures are still being reconciled. We've realized some income from several new members who have recently joined. Lora offered the Club financials for inspection by members. She reported that the AMA has awarded the Club a \$150.00 grant for our media involvement in Dan Maybury's "Signature Stories: Jeffco Aeromod'lers RC Club" shown at the beginning of the meeting. Larry Fagan motioned to accept the Treasurer's report. The motion was seconded by Art Wilson and passed.

## September 19, 2018 Jefco Aeromod'lers R/C Club Board Meeting Minutes

Meeting was called to order at 6:49 PM by President Peter Thompson.

Peter Thompson(P), Present	Lora Knowlton (Treas.), Absent	Ron Ratcliffe (BM), Present
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:

- **Rick Gutierrez:** President Thompson said that Rick Gutierrez, who worked at the HobbyTown store on South University and then moved to the HobbyTown store in Parker, is now at the South Wadsworth HobbyTown.
- **Advertisements:** President Thompson brought up the possibility of putting ads on the website and/or in the newsletter. The Board briefly discussed the logistics of such a move.
- **Donation to the Club:** President Thompson wanted to thank Jim Griffin for his online donation using the Club's website.
- **KVDR Fox31 Signature Stories:** President Thompson mentioned the video "Signature Stories: Jeffco Aeromod'lers RC Club" by photojournalist Dan Maybury. A link to the video is now posted on the Club's website. The club will receive a check from the Foundation's grant program for club media recognition.
- **Start-up Benches:** President Thompson brought up the new benches built by Lanny Waguespack. One concern brought up was the staples holding the carpet strips to the restraining posts were scratching the leading edge of some wings. Bud will contact Lanny about removing the staples and gluing the carpet strips on. It was brought up that the old benches had been built by Loren O'Dell and have served us well for 11 years. Bud Glass motioned to give both Lanny and Loren a year's membership in the Club as a token of appreciation for their great work. Steve Rosselot seconded the motion which passed unanimously.

### Old/Unfinished Business:

- **Bylaws change discussion:** After some discussion, it was decided the BOD will have a separate meeting to specifically address changes that are to be made and taken before the membership for a vote. It was noted that due to the Club's new fiscal year that nominations for the Board of Directors will be made at the October Meeting and Elections will be held at the November meeting.
- **Operating Agreement Change Recommendation:** After a brief discussion it was decided to ask Bruce Ream, Long Range Planning Committee Chair, to present the Operating Agreement Change Recommendation to Scott Roush, Chatfield State Park Manager.

- **Auction Committee:** President Thompson will update the Club as to where we are in the process.

### New Business:

- **Election Slate** -The election slate to be presented to the membership at the October business meeting is: President, Peter Thompson; Vice President, Bud Glass; Treasurer, Lora Knowlton; Secretary, Larry Fagan; Safety Officer, Ron Ratcliffe; and Board Member-at-large, Glenn Lee. Additional nominations will be taken from the floor. If anyone would like to run for one of the offices but cannot make this meeting please contact President Thompson.
- **Field Day:** Bud Glass said the Fall Field Day will be held September 29. Bud does not think we will need the entire morning to accomplish the work. Bud will send out an email blast asking for volunteers.

**Secretary's Report:** Larry Fagan requested a motion to approve the August BOD meeting minutes as published in the September newsletter. Art Wilson made the motion which was seconded by Ron Ratcliffe and was passed.

**Treasurer's Report:** Lora Knowlton reported via email prior to the meeting that there had been no activity since she reported at the September club meeting.

**Safety Report:** no report.

### Committee Reports:

- **Membership Report:** Lora Knowlton reported via email that we recently added two new members.
- **Field and Runways Maintenance** - Bud Glass reports the leaking seal in the tractor will be replaced by Universal Tractor Co. He also reported that some new grass was coming up, but not as much as we had hoped. Bud will check with the Park (Steve) to see if we should reseed this fall. If we do we may need \$450 to \$500 for seed. Bud also mentioned we have to put money in the next budget to taper the runway edges to prevent landing gear damage.
- **FPV:** Bud Glass reported that he and Tom Elliot met with park officials on August 29 to present the Final Draft of the FPV Drone Racing Proposal for approval.
- **Flight Instruction / Training** – Bud Glass reports he has 2 new students, and that one of them soloed in the third lesson.

### Events:

- **Fun Fly** - President Thompson hopes to have a Float Fun Fly in November.

## September 5, 2018 Jefco Aeromod'lers R/C Club Business Meeting Minutes (Cont.)

### Committee Reports:

- **Membership Report:** – Lora Knowlton reports we have a membership total of 209. We've had several new members join in the last month or so.

While she had the mic Lora wanted to add that the Honor Bell Foundation lost their executive director shortly after our Warbirds and Classics Over Denver event last June. Michelle Mullen, who was in the Dan Maybury report, has been named the new executive director for the Foundation. Lora sent Michelle our condolences and she responded with her thanks and an email about an upcoming event which will be publicized in the October newsletter.

- **Field Maintenance & Runways:** – Bud Glass reported that several of the old start-up stands are still sitting behind the storage compound and he encouraged anyone who is interested to feel free to take one. He also stated that the new grass growth is not as fruitful as we had hoped, so we may have to reseed the area again. Bud has about 5 lbs. of seed left over from the previous seeding, so he won't have to buy as much this time 'round. Bud is soliciting the Park's recommendation about the timing.

Bud and Tom Elliot are keeping a watchful eye on the prairie dog problem. They are concerned that several holes are showing up under the runways and wheelchair access to the N-S runway.

- **FPV:** Bud Glass reported that he and Tom Elliot have met with Scott Roush and Kris Wahlers with the Park to advance our final recommendations and rules for the FPV drone racing proposal. They were receptive to almost everything except the Pilot Safety Card he's discussed before. Their concern is they don't see how the Pilot Safety Card requirement could be enforced. Scott and Kris will take the proposal Bud and Tom presented to them along with a few other requested documents to the next level for approval.
- **Safety:** – Steve Rosselot was absent so there was no Safety report.
- **Flight Instruction / Training:** – Bud Glass reports he added two new trainees in the last week, one being Ron Cadenhead and Mike Miles, who has been out of the hobby for about 10 years.
- **Shea Homes:** Bruce Ream had no update, Shea Homes is still in the process of getting approval of their plat.

### Programming: Larry Fagan

1. **October** - Lee Taylor and the Pisces Harmonica Trio
2. **November** - Hope to have videos of Dave Gianakos and Bruce Ream's bomber ride.
3. **December** - TBA

Larry encouraged anyone who has an idea for a presentation to make him aware of it. Even if you don't wish to make the presentation yourself, Larry may be able to find someone who would.

### Old Business:

**Start-Up Benches:** President Thompson remarked how nice the new start-up stands built by Lanny Waguespack looked at the Champs pylon race.

**Jefco Auction Chair Opening:** President Thompson reiterated the ongoing need for a new auction chair.

**Comments by Terry Hock, Club webmaster:** Terry mentioned that he implemented live video streaming of the start line at the Champs race. He stated about 250 people viewed the site. Many were from Europe and South America. The videos are now part of YouTube archives and can be watched at any time. Hank Diepenbroek thanked Terry for all the work he put in to make the race one of the most high tech events ever.

Terry reported he also made updates to the Club's website. At the top of the weather page he's provided a new link to a page describing what our Club dues pay for and what advantages there are to becoming a member. From that page Terry provides links to a membership application page and a page for making contributions to Club operations.

**Show and Tell:** There was no Show and Tell tonight.

**Drawing:** There were three prizes at tonight's drawing, an Horizon Hobby Radian® XL 2.6 meter powered glider, a T-shirt from the pylon race, and a foam board twin engine electric plane.

**MOTION to ADJOURN:** A motion to adjourn the meeting was made by Sid Gates and seconded by Dave Gianakos. The meeting was adjourned at 8:30 pm.

Respectfully submitted,

Larry Fagan, Secretary

## September 19, 2018 Jefco Aeromod'lers R/C Club Board Meeting Minutes (Cont.)

### Programs:

- **October** - Lee Taylor and the Pisces Harmonica Trio
- **November** - TBA (Larry Fagan just got word from Bruce Ream that the videos of his and Dave Gianakos' bomber flight were not satisfactory for making a presentation.)
- **December** - TBA

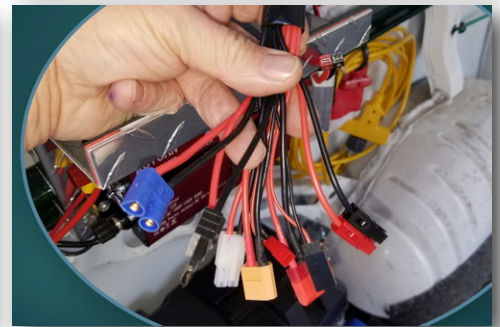
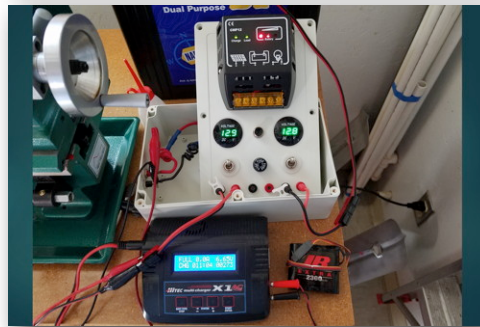
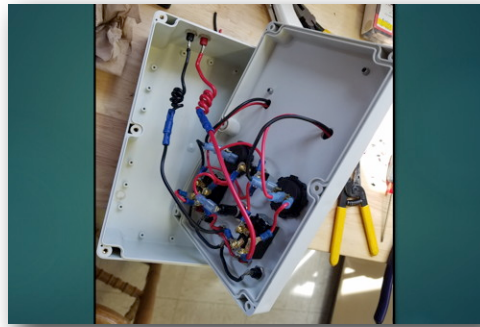
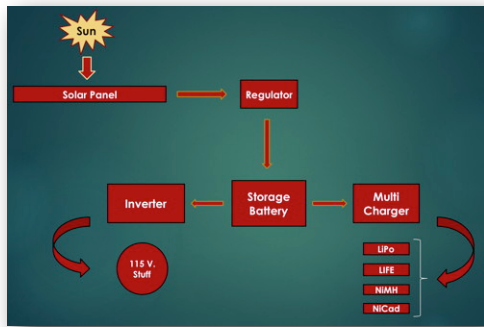
**Motion to Adjourn:** A motion to adjourn the meeting was made by Steve Rosselot and was seconded by Art Wilson. The meeting was adjourned at 8:49 P.M.

Respectfully submitted,

Larry Fagan, Secretary.



# Bud Glass' Van Mounted Solar Energy Battery Charging System photos by Bud Glass



Top to bottom: block Diagram of solar charging system; control box parts layout; drilled panel; installed parts top side; installed parts bottom side.

Top to bottom: control panel wiring; solar panel test; smoke test; solar panel mounted on van with magnets; smoke alarm.

Top to bottom: power inverter (12V in, 120V out); storage battery; charge plug options; charging battery in lipo safety sack; system installed in van.



## **At the Meeting** photos by Bud Glass



Larry Fagan with a damaged battery found at the field. Larry estimated there was enough energy left to run a four HP lawn mower for more than a minute.



Lora Knowlton reports on the Club's finances.



New member Ron Cadenhead



Terry Hock reports on some of the high tech reporting used at the Champs Race, and Club website updates.

## **Drawing Winners** photos by Bud Glass



Hank Diepenbroek, Horizon Hobby Radian® XL 2.6 meter powered glider



Dave Hock, twin engine foam board airplane left at the aerodrome



## Revisiting the Champs Race Photos by Bud Glassl



Left, President Thompson enjoys the fine meal provided by Smiley Henderson.

President Thompson wants the Membership to know "something new is coming." Be sure to watch for more specifics in future newsletters.



## Memories from Warbirds and Classics Over Denver



Opening ceremony. Photo by John Rodell  
See page 11 for info about a special Honor Bell event.



Flyover by The Rocky Mountain Renegades Air Show Team. Photo by Dave Gianakos



Warbird in flight. Photo by Dave Gianakos



Warbird in flight. Photo by Dave Gianakos



Warbird coming in for landing. Photo by Peter Thompson



Classic in flight. Photo by Dave Gianakos



Helicopters flying in tandem. Photo by Larry Fagan



Helicopter hovering. Photo by Dave Gianakos







# **SERVING WITH HONOR:** **A VOLUNTEER APPRECIATION EVENT**

**PLEASE JOIN US NOVEMBER 7, 2018  
FOR A VERY SPECIAL EVENING OF HONOR.**



Since casting the Honor Bell in 2016, we have rendered Bell Honors at over 1,100 funerals and 150 public and school events. Our activities would not be possible without our volunteers. Please join us to thank them and celebrate their service.

The Honor Bell is a 1,000-pound bronze bell cast with artifacts from Colorado's military servicemen and women, and tolled exclusively by Colorado's veterans at graveside and memorial services. Our volunteers have devoted countless hours to honoring their fellow service members, educating schoolchildren about the importance of military service, and joining the community in celebrating the memory of those who served.

In addition to saluting our volunteers, we will have a complimentary screening of the film, *Taking Chance*. In 2004, US Marine Lt. Col. Michael Strobl volunteered to provide dignified escort for the body of 19-year-old Marine Chance Phelps back to his hometown of Dubois, Wyoming. Strobl wrote an essay on his experience which was made into this poignant film. Chance's Lance Corporal insignia, Enlisted Dress Insignia, and his Rifle Expert badge are among the artifacts that are now a part of the Honor Bell.

The evening's events will be emceed by Steffan Tubbs, radio host on KNUS' *American Veteran Show*. Tubbs is also a producer of films including *ACRONYM* and *25 Steps*.

**Please join us on November 7th in honoring and celebrating the people who make the Honor Bell heard.**

**NOVEMBER 7, 2018  
6:00 PM (DOORS OPEN AT 5:30)  
ALAMO DRAFTHOUSE CINEMA  
7301 S. SANTA FE DRIVE, LITTLETON**

**TICKETS ARE AVAILABLE  
FOR A \$20 SUGGESTED DONATION  
Get your tickets and more information at  
HonorBell.org or by calling 720.282.9182.**

Please consider purchasing tickets to sponsor disabled veterans or active duty servicemen.

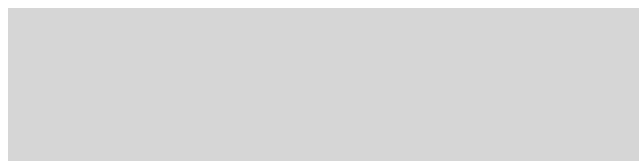
**SPONSORSHIPS ARE ALSO AVAILABLE.**

For more information contact Michelle Mallin at 303.717.6974 or Michelle.Mallin@HonorBell.org



**HONOR BELL  
FOUNDATION**

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



Michelle Mullen, seen here at our Warbirds and Classics Over Denver event last June, has been named the new executive director for the Honor Bell Foundation. See Page 11 for an important volunteer appreciation event to be held November 7.

October 2018		November 2018		December 2018	
3	Business Meeting	7	Business Meeting	5	Business Meeting
17	Board Meeting	21	Board Meeting	19	Board Meeting
		TBA	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 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.**