

# THE JEFKO FLYER

## AMA #176



### 2016-17 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	Kevin Furman	N/A
Board Member	Art Wilson	303-506-7449
Board Member	Bud Glass	303-347-2078

### 2016-17 Volunteers

Safety Officer:	Steve Rosselot	303-378-4990
Club Historian	Lee Taylor	303-237-8772
Park Liaison	Tom Elliot	303-795-2547
Drawings	Dave Hock	303-842-6794
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
Event Coordinator	Paul McIntosh	720-480-5879
LRPC Chairman	Bruce Ream	303-346-5722
Membership Coordinator	Lora Knowlton	303-973-1209

Equipment Repair  
Lost and Found  
Field/Runway Maintenance  
Chair

Program Director  
Newsletter Editor  
Web Master  
Media Liaison  
Fire Marshal & First Aid  
Asst. Fire Marshal  
Club Photographer  
Jefco Home page:  
AMA Website:  
Dist IX website:  
Meeting Hospitality

Newsletter Submissions e-mail  
*Monthly Newsletter archived at:*  
Chatfield Aerodrome Weather:

Larry Bickel 303-794-2167  
Bud Glass 303-829-5351

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Larry Fagan 303-697-4569  
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Terry Hock N/A  
Bruce Robson 303-933-9727  
Ron Ratcliffe 303-660-3842  
Ed Scholes 720-352-8157  
Bud Glass 303-829-5351

Brad Weissenfels,  
Action Hobbies 303-233-6275  
larrynotcurlyormho@centurylink.net

[www.jeffcoeromodlers.com](http://www.jeffcoeromodlers.com)  
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Jefco Aeromod'lers Mailing Address:  
Jefco Aeromod'lers RC Club  
P.O. Box 621156  
Littleton, CO 80162-1156

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May 2017

Number 8

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

*Above: Bruce Robson, Auctioneer, at the April General Meeting- Picture by Bud Glass*

*May's Program: Bruno Mary, "How to convert a computer  
power supply into a 12V output hobby power supply."*

## President's Message - May, 2017



Members:

I took a few minutes to review my President's Message and the April Newsletter. Cudo's to Larry Fagan on getting the Newsletter out on time and for doing a great job on content etc. I do not have much to add.

If you have not noticed, Terry Hock has upgraded and changed the website. Fantastic!

As the days roll on, we are going to do some field work. I believe Bud Glass is ready (or maybe has done already) put a pre-emergent on the dreaded "goat head" to stave off growth. Also, plan is to fill or repair cracks on the runway but not seal coat at this time. We are still waiting on the Park to approve the changes to our storage lot and look at MultiGP set up south of the parking lot.

Regarding events this summer, please look at the new and improved website. Only a few events are scheduled. Is this due to lack of interest? Maybe! I am looking for a volunteer to host the Electric Fun Fly to be scheduled for late June or July. I'm also looking for help with the July regular meeting. Hopefully to be held at the flying field. I'd like to have a "Pot Luck". If there is interest, maybe the club can fund burgers and brats. Any taker's?

Last note. We made about \$1,500 at the mini auction. Hope all had a good time.

I flew this past Sunday. What a beautiful day. Everyone played nice. Thank you.

Pete



Hi-Tech Helicopter - see article on page 10

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

**Dave Jones – Lakewood, CO**

**Sam Levy – Englewood, CO**

### Jefco Aeromod'lers

May	1	Bruce	Robson
May	4	Jeff	Baker
May	8	Bud	Glass
May	11	Paul	Orkild
May	11	Darrell	Wiedman
May	12	Dave	Hock
May	15	Larry	Fagan



### May Birthdays

May	15	Chris	Doerr
May	16	George	Powers
May	16	Brian	O'Meara
May	21	Monte	Peecher
May	28	John	McCorkle
May	29	Steve	Mortimer
May	31	Harry 'Rocky'	Rockwell



## April 5th, 2017 Jefco Aeromod'lers R/C Club Business Meeting Minutes

The meeting was called to order by President Peter Thompson at 7:04 PM at the Alice Terry Elementary School. There were 44 in attendance.

- **Goat Head Mitigation:** President Thompson asked Bud Glass to report on the results of his solicitation of bids for goat head mitigation. Bud stated the application of a pre-emergent eradication could cost up to \$1500. Bruce Robson motioned that up to \$1500.00 be spent for Goat Head eradication. The motion was seconded by Kevin Furman and passed.
- **Report from the Long Range Planning Committee (LRPC):** Bruce Ream, LRPC chairman, reported that the LRPC met with Shea Homes this week. He reported that Shea Homes construction has been postponed until 2019.

### Mini-Auction:

President Thompson introduced Bruce Robson as the auctioneer for the evening. Bruce began by thanking Roger Kruse who was responsible for much of the donated items. He also introduced Morgan Young. Morgan donated a picture of a P-40 print that she executed in ink pen. This beautiful rendering fetched a very nice winning bid.

Bruce kept the auction going at a rapid pace due to the large number of items available for bid. Morgan and Steve Rosselot brought items up to Bruce for auction, and Morgan's mother Kristen tagged the items with the winning number and then sorted and stored them for pick up after they were paid for.

Art Wilson and Terry Hock recorded the winning bids. After the bidding was over Art Wilson took cash and credit card payments through the Club's PayPal account.

**MOTION to ADJOURN:** The meeting was adjourned at 8:37 pm.

Respectfully submitted, Larry Fagan, Secretary

## Things to see in the pages ahead



The Maiden Flight of Larry Bickel's Biplane "Tequila"  
Pictures on Page 9



There was a lot to see and buy at the Mini-Auction.  
Pictures start on Page 6



A very expensive Helicopter.  
Article on Page 10

NOTE THE CHANGE IN  
BUSINESS MEETING DATE  
AND DAY IN MAY!  
THE MAY MEETING WILL BE  
HELD ON TUESDAY, MAY 2nd  
DUE TO A SCHOOL DISTRICT  
SCHEDULING CONFLICT!

## April 19th, 2017 Jefco Aeromod'lers R/C Club Board Meeting Minutes

Meeting was called to order at 6:35 PM by President Peter Thompson.

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

### President's Comments:

- **Upcoming Events - War Birds:** From Lora via e-mail: "Warbirds Over Denver is coming up June 9, 10, 11. Pilot registration is live on the warbirdsoverDenver.com website. I will start promoting and publicizing the event when I am back on Monday. In the meantime please start telling folks to register online at warbirdsoverDenver.com.

When I get back I will also start recruiting volunteers for the event."

President Thompson stated that he will ask Lora to submit a budget for the Warbirds event.

- **Field Issues:** President Thompson has received reports of someone flying FPV at the field. President Thompson will send an email to the party explaining that this activity could put our use of the park in jeopardy. In another incident a person taxied all the way from the taxiway, through the pits and out to the parking lot. While this could be safely accomplished only under ideal conditions, other flyers, who are inexperienced with the rules, could assume that this activity is sanctioned when they see an experienced pilot doing this. President Thompson will email the person involved and request they cease doing this.

**Secretary's Report:** Bud Glass motioned to accept the March 15, 2017, Board meeting minutes as published in the April newsletter. The motion was seconded by Kevin Furman and carried.

**Treasurer's Report:** Lora Knowlton, absent, (Via e-mail): "There's been very little financial activity. Funds from the mini-auction have come in and a few new memberships but that's it."

### Committee Reports:

- **Membership Report:** See Lora Knowlton's absentee report under Treasurer's Report, above.
- **Field Maintenance & Runways:**
  - **Goat-Head Situation:** Bud Glass reports that Singing Hills Landscape will treat the entire infield and a 25 foot perimeter around the runways for pre-emergent goat-head mitigation. This should be accomplished on Friday, April 21st, weather permitting. Bud noted that Singing Hills will perform this treatment for considerably less cost than the amount approved at the April 1st general meeting.
  - **Riding Mower:** Bud stated he is planning on using the small riding mower donated to the Club by Jack

Clodfelter to pull a generator and a vacuum. He hopes to be able to vacuum the existing goat-heads lying on the runways and grass surfaces and dispose of them.

- **Runway Sealing:** Bud stated that only certain areas of the runways need to be sealed at this time. Bud will be discussing this year's maintenance requirements with asphalt contractors.
- **Flight Instruction / Training:** Bud called on Dave Gianakos to assist a new pilot who is transitioning from tricycle gear to taildragger configuration.
- **Programs:**
  - **May:** Bruno Mary, "Converting a Computer Power Supply into a 12V Output Hobby Power Supply".
  - **June:** Lora and Doug Knowlton will present a program on the Warbirds Over Denver event. If they are unable to do this, the program will be Ron Ratcliffe's program presently scheduled for August.
  - **July:** A possible swap meet as part of the general meeting will be discussed. Also, President Thompson would like to have a least one business meeting at the aerodrome. The one last July seemed to be well-received.
  - **August:** Ron Ratcliffe will present a program on Lipo Safety. Someone TBD will also explain the proper procedure for disarming/shutting down motors and engines after taxiing back from a flight.

### Old/Unfinished Business:

- **Site Rules Update:** Bud Glass presented a working draft to the Board. He asked for Board to provide input within the next few days so that he could incorporate any suggestions into the draft.
- **Start-up Bench Placement:** Kevin Furman presented his proposed bench layout. His overall plan is set up so that people starting their planes will not have their backs to any possible unsafe activities. After some discussion it was decided that he will add two electric Activation/Deactivation tables to the plan. The Board will vote on the proposal with the additional benches at the next meeting. Bud Glass suggested that a question about bench placement should be added to the upcoming survey.

### New Business:

- **Grass Field Proposal:** Bud Glass discussed the request for a grass landing area north of the E-W



## April 19th, 2017 Jefco Aeromod'lers R/C Club Board Meeting Minutes (Con't)

### New Business (Con't):

- **Grass Field Proposal (Con't):** runway. Bud will ask Singing Hills Landscape for an estimate.
- **New Field Sign:** Bud will submit bids to the Board for a new field sign. This is the sign across from the entrance driveway. The old sign still has a temporary sticker covering the disconnected club phone number. The Park has provided Bud with Colorado Parks and Wildlife sign standards.
- **Air Conflicts over the runways:** The Board discussed conflicts that have arisen between VTOL and fixed wing aircraft. Other types of conflicts were brought up during the discussion.
- **Long Range Planning Committee (LRPC):** The LRPC may be invited to the May or June BOD meeting to continue discussion of details brought out at the March 8 joint meeting.
- **E-Mail Blasts:** Larry Fagan brought up the fact that only one key person can send out e-mail blasts. He suggests that we need at least one additional person to have the ability to do so if the key person is unavailable.

**Motion to Adjourn:** The meeting was adjourned at 8:34 P.M.

Respectfully submitted, Larry Fagan, Secretary.

### New Drawing Volunteer Needed!



### Oh, No! Dave Hock is Retiring!

If you are interested in volunteering for this position, please contact a Board Member.

Responsibilities include purchasing prizes, selling tickets, and running the drawing.

Don't forget **May's General Meeting** will be held

**TUESDAY, May 2.**

at Alice Terry Elementary School at 4485 S. Irving Street

## Dave Gianakos Assists Sam Levy with Taildragger

Bud Glass received a request for assistance from a pilot who wanted to transition from a tricycle gear trainer to a taildragger. Knowing Dave Gianakos' experience with his taildragger war birds Bud asked him to assist Sam Levy make the transition.



Above, Dave and Sam perform a preflight inspection. Below, Sam looks very comfortable at the controls.





## Mini-Auction Highlights - Photos by Bud Glass



There was so much stuff to inspect!



This had to be one of our largest mini-auctions ever.



Bruce Robson and President Thompson confer just before the meeting starts.



Bruce Ream gives the Long Range Planning Committee report.



## More Mini-Auction Highlights - Photos by Bud Glass



Morgan Young donated her beautiful ink pen rendering of a P-40. What a talent!



Terry and Art track winning bids.



Morgan and her mom Kristen were tireless volunteers.



Steve Rosselot brings item to Bruce.



Bud Glass took many, many photos.



President Thompson assists.



## Yet More Mini-Auction Highlights - Photos by Bud Glass



Awaiting the Mini-Auction to start.



Almost as much stuff as people!



Bruce auctioned everything from the very **LARGE** (above) to the very small (below).



It is starting to thin out.



Part of the items auctioned and sorted for pickup.



**Maiden Flight of Larry Bickel's Biplane "Tequila" - Photos by Bud Glass**



Ground Check



Start the Take-off Roll



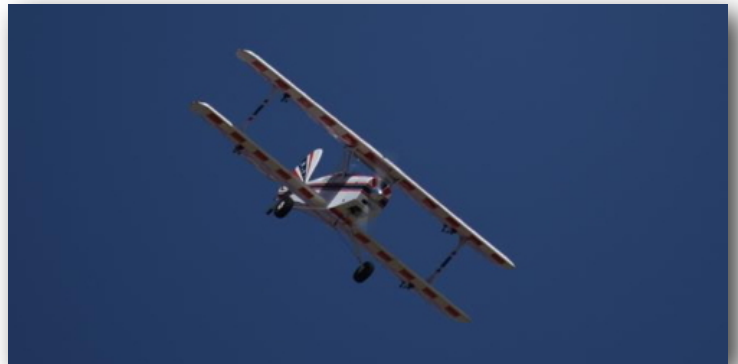
Tail Wheel Up



And She is Airborn!



Left Bank for Turn



Leveling Out



Fly-By



No Lack of Volunteer Spotters!

## Hi-Tech Helicopter - Submitted by Bud Glass



The ground control station operates in conjunction with several satellite tracking signals. He looks at the screen to confirm the signals are locked in and to read other telemetry info being sent back from the bird. He programs the auto flight based on way points, programmed boundaries or other geographic data based on the purpose or "mission" of the flight.

He can go from auto pilot to full manual with the flip of a switch. He does not fly FPV and maintains line-of-site at all times within our field boundaries while at Chatfield. Monday, he took off and landed manually, and tested some auto guidance software in between. At a cost of around \$100,000 fully outfitted, this is certainly no toy!

The Pulse is no different than any of the other heli's that legally fly at the field as far as the rules go. While not FPV, it probably falls into a grey area when he switches to auto pilot, which is not much different from some of the airplanes that fly at the club now, like the Sportsman or the Champ that automatically fly within programmed boundaries and

have auto return-to-home and auto land capabilities. The dozen or so guys who were at the field when the Pulse flew were so interested that they all stopped flying just to watch it, even though the active runway was wide open.

Their plant is like a small Lockheed Martin. Many aerospace and electrical engineers on board, they manufacture all their own custom parts including all the carbon fiber stuff. It weighs 55 lbs. and can carry 20 lbs. payload. They have flown this one 35 miles out and back videoing transmission lines. It carries several batteries and is controlled from a PC-based ground station. Strictly industrial, public safety, military, etc. Not a hobby toy for sure.

They use these in remote areas and places like swim beaches in Australia where they patrol for sharks and actually carry 20 pounds of shark repellent that they drop into the water. They also carry inflatable life jackets and stuff like that. Everything has its place, and this isn't for everyone, but it is one cool flying machine.



# WARBIRDS

## OVER DENVER

DENVER'S PREMIER RADIO-CONTROLLED WARBIRO EVENT

**JUNE 9 - 11, 2017**

CHATFIELD STATE PARK  
DENVER, COLORADO

[WWW.WARBIRDSOVERDENVER.COM](http://WWW.WARBIRDSOVERDENVER.COM)

**FRIDAY  
OPEN FLYING**

**SATURDAY  
9AM-5PM  
EVENT FLYING**

**SUNDAY  
9AM-3PM  
EVENT FLYING**

**OPEN TO ANY WARBIRO WITH  
MILITARY PAINT SCHEME**

**NO SPORT JETS OR  
NON-MILITARY AIRCRAFT**

**600' AND 750' RUNWAYS**



**\$30 REGISTRATION FEE,  
(\$5 OF FEE DONATED  
TO CHARITY)  
INCLUDES AN OFFICIAL  
EVENT T-SHIRT**

**OVERNIGHT AIRPLANE STORAGE  
LUNCH AVAILABLE ON SITE**

PRESENTED BY THE JETCO AEROMOD'ERS RC CLUB #176  
AMA SANCTIONED #93



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



A beautiful ink pin drawing donated to the club's mini-auction by Morgan Young.

May 2017		June 2017		July 2017	
2nd	Business Meeting	7th	Business Meeting	5th	Business Meeting
NOTE! THIS IS A TUESDAY!		9-11	Warbirds Over Denver	At the Aerodrome	
17th	Board Meeting	21st	Board Meeting	19th	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, 07:00 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.**