Greeting fellow club members.

After our cool and wet spring, summer has arrived with hot days punctuated by strong thunderstorms in the afternoon. Conditions in the early morning are usually ideal for flying. As the morning progresses, the wind picks up and starts to shift direction more often. By afternoon, it can be quite windy as convection and moisture in the air produce clouds, strong winds, and thunderstorms. Evenings usually see a calming of the atmosphere, and can produce ideal flying conditions, with the added bonus of lovely skylines in the background. The time around sunset is especially nice in this regard.

**July Events**

8:30 a.m. Saturday, July 16, July Maintenance Cay
6:30 p.m. Wednesday, July 20, Club Meeting

I enjoyed flying both days this past weekend (July 16-17) at Suhaka Field. On Saturday, July 16, we began the day with an hour of maintenance projects. As
### Event Calendar

**Effective June 13, 2016**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>BBQ</th>
<th>Time of Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/13/2016</td>
<td>DRCE Board Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Village Inn</td>
</tr>
<tr>
<td>1/20/2016</td>
<td>January Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>2/17/2016</td>
<td>February Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>3/16/2016</td>
<td>March Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>4/20/2016</td>
<td>Rotorcraft Area Dirt Work</td>
<td>BBQ</td>
<td>8:30 a.m. - 11:30 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>4/20/2016</td>
<td>April Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>4/23/2016</td>
<td>April Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>5/10/2016</td>
<td>Main Pilot Station Regrading</td>
<td></td>
<td>8:30 a.m. - 12:30 p.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>5/14/2016</td>
<td>May Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>5/18/2016</td>
<td>May Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>6/4/2016</td>
<td>June Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>6/15/2016</td>
<td>June Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>6/18/2016</td>
<td>June Air Show</td>
<td>BBQ</td>
<td>10:00 a.m. to 12:30 p.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>6/23/2016</td>
<td>June BBQ and Evening Flying</td>
<td>BBQ</td>
<td>6:00 - 9:30 p.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>7/16/2016</td>
<td>July Maintenance Day</td>
<td></td>
<td>8:30 to 10:30 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>7/20/2016</td>
<td>July Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>7/28/2016</td>
<td>July BBQ and Evening Flying</td>
<td>BBQ</td>
<td>6:00 - 9:30 p.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>8/13/2016</td>
<td>August Maintenance Day</td>
<td></td>
<td>8:30 to 10:30 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>8/17/2016</td>
<td>August Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>9/10/2016</td>
<td>September Maintenance Day</td>
<td></td>
<td>8:30 to 10:30 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>9/17/2016</td>
<td>September Air Show</td>
<td>BBQ</td>
<td>10:00 a.m. to 12:30 p.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>9/21/2016</td>
<td>September Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>10/15/2016</td>
<td>October Fun Fly</td>
<td>BBQ</td>
<td>9:30 a.m. - 12:30 p.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>10/19/2016</td>
<td>October Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>10/27/2016</td>
<td>End-of-Year Awards Dinner</td>
<td></td>
<td>5:30 - 8:30 p.m.</td>
<td>Athenian Restaurant</td>
</tr>
<tr>
<td>11/16/2016</td>
<td>November Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>12/21/2016</td>
<td>December Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
</tbody>
</table>
## Denver R/C Eagles Club Leadership

- **President**: Jack Steinhaus (303-324-5054, jacksteinhaus@comcast.net)
- **Vice President**: Dan Kellogg (303-489-7521, d-Kellogg@comcast.net)
- **Treasurer**: John Dickens (303-617-6044, jcdickens68@hotmail.com)
- **Secretary**: Seth Rice (303-921-6018, sethrice@gmail.com)
- **Safety Officer**: Bob Pash (303-751-0493, rpashmd@hotmail.com)
- **Field Maintenance Officer**: Seth Buxton (seth13@hotmail.com)

## Appointed Positions

- **DRCE Member-At-Large**: Eric Sunderwirth (303-719-0973, eric_346@msn.com)
- **Chief Flight Instructor**: Richard “Doc” Hamilton (303-781-5959, rfham@msn.com)
- **Director – Helicopter Operations**: Stephen Lantz (303-400-9789, stephenlantz@comcast.net)
- **Web Master**: Marty Miller (303-369-6177, moonlightdesign@qwestoffice.net)
- **Master Chef**: Joe Bolognese (303-810-6086, JBolo@comcast.net)
planes and have started branching out into multiple types of fixed wing RC aircraft.

Review and Approve Previous Meeting Minutes:
The 05/18/16 minutes were approved as written. Bob Pash and Dan Kellogg made motion to approve minutes, and the motion was carried.

President’s Opening Remarks
Jack Steinhauser reviewed the meeting agenda with the members.

Guest Speakers
No Speaker

Officer’s and Director’s Reports

President’s Report
Jack Steinhauser reported updates on facility improvements.
We have managed to complete everything for facility improvements this year with exception of Shade Shelters.

A Q&A was also raised on the Board Decision regarding Steve Yamamoto’s Proposal

Vice President’s Report
Dan Kellogg mentioned he had a copy of the events for the Front Range if anyone wanted to view it.

Secretary Report
Seth Rice had nothing to report

Treasurer’s Report and Director of Flight Training Report
John Dickens mentioned the donation table in the corner.
116 paid up for 2016. Last year at this time we had 110 members.
Ethan Ngo did his first solo today successfully.
We are collecting FAA numbers from folks so we have it for our records just like the AMA number.

John mentioned the book Fly Boys, by James Bradley that is available for circulation again if anyone would like to read it.

Dead stick landings were also mentioned with suggestions of what to do with various types of dead stick scenarios.

Safety Officer’s Report
Bob Pash, nothing to report

Director – Airfield Maintenance
Seth Buxton reported on June Maintenance plans, as well as Runway Reseal and Taxiway Repair by Seal Tec

Brian Holleman mentioned he might be able to help out with the taxiway repair contracting concerns.

Member at Large
Eric Sunderwirth was at Large

Director of Membership
Empty Seat

Master Chef
Joe Bolognese called with a report.
Thanks to Dan Kellogg who volunteered to pick up the grill for this Saturday. He will be on site around 9 am to setup.

Jack suggested folks plan on arriving 8:30 to 9 am.

Joe also needs help with the June 23rd, Thursday night cookout

Events

Old & New Business
Prairie dog sightings have been made just off and under the runway. So the sightings will be investigated.

Also the vandals from last month have been caught and are being charged.

Continued on Page 5
Show & Tell
Dan Kellogg showed off his new Freewing F-16 EDF Jet.

Auction
Seth Rice took home the Blue Airplane, the Red Airplane, and box of Electronics.

Door Prizes
John Dickens ran the door prize event for the evening. The following were the results of the door prizes:
1. Colpar Gift Card, $10 – Len Roderick
2. 5 minute Epoxy – Jack Steinhouser
3. Heat Shrink Tube, 1/4x8ft – Bob Pash
4. Head Lamp – Loren Anderson
5. CA Glue – Jim Darden
6. Ultra Plug, Dean’s M/F – John Dickens
7. X-Acto Blades #10 (5) – Bob Brelsford
8. Helping Hands – Brian Holleman

Donation Table
Several items were on the table and taken home with new owners

Next Meeting
The next meeting will be July 20, 2016 at Colpar Hobbies.

Adjournment
Meeting was adjourned at 8:03 P.M.
President’s Message (continued from page 1)

usual, Seth Buxton was the organizer and did twice as much work as anyone else. Thank you Seth for your tremendous efforts to keep our facilities in top shape! Seth was joined in the maintenance day efforts by Roger Camp, Bill Morz, John Dickens, Marty Miller, Peter Aeby, Bob Brelsford, Bob Ihly, Jerry Kirshenbaum, Bob Pash, and Jack Steinhauser. We mowed, weeded, trimmed, and filled Prairie Dog holes. The next day I saw a Prairie Dog standing at one of the holes and distinctly heard him say, “what the f**k?” I know the little demons are going to dig out more holes, but it was great to fill and level holes that pose a risk for pilots and their planes.

A Busy Month

This past month saw four club events in rapid succession: on June 10 several members put on a flying demo for a group of students from La Petite Academy, on June 18 we had our June Air Show, on June 22 members of our club participated in the Pioneer Trails Cub Scout Camp at Poulson Ranch near Sedalia, and on June 23 we had our first of two Evening Fly and BBQ events for 2016.

La Petite Academy Demo

John Dickens reports the following:

On June 10th students from the La Petite Academy visited our airfield for a flying demonstration. The demo pilots were Roger Camp, Bob Smith and John Dickens.

The 21 students, ages 5 to 10, observed an Apprentice trainer, Mini Ultra Stick, WWI biplane, and electric ducted fan jet. The students had many questions for the pilots. One student wanted a “recipe for how to fly”!

Thanks to Roger, Bob and John for this volunteer effort.
President’s Message (continued from page 6)

June Air Show

The June Air Show featured 14 flying events with over 40 pilots, all supported by about 20 volunteers. AMA District 9 Assistant Vice President Tom Neff was in attendance and gave this report (which will be published in the AMA Magazine):

The Denver R/C Eagles put on their sixth Air Show at Suhaka Field, Cherry Creek State Park, on June 18. The DRCE Air Show format includes pilots of all ability levels flying trainers, warbirds, sport planes, biplanes, helicopters, multicopters, EDF jets, 3D gas-sers, and a turbine jet. Forty-five pilots flew fourteen routines, all set to music or sound effects. R/C airshows are a popular way for RC clubs to share our exciting hobby with the public. The Eagles started placing aircraft in the sky at 10:00 sharp and kept the audience of over 100 people enthralled for over two hours.

The DRCE Air Show was organized by Club President, Jack Steinhauser. Assisting Jack with the event were volunteers Wayne Perry, Joe Vedovati, John Dickens, David Hall, Seth Buxton, Eric Sunderwirth, Ron Cox, Chris Wilson, Mark Steinhauser, Joe Bolognese, and Dan Kellogg.

The event began with a solemn moment of silence to recognize the sacrifices made by members of our Armed Services to preserving freedom in our wonderful country. The first flying event featured foamy trainers flying to the music of John Williams.

A gaggle of foamy WWII era fighters flown by Bob Pash, Jerry Kirshenbaum, and Brandon Holleman (among others) then flew in mock combat.

This was followed by a flock of sport planes flown by Dave Genet, Seth Buxton, Bob Brelsford (and others) churning the air with their aerobatics.

Another mock combat event featured WWI biplanes turning for position with bomb blasts and machine gun fire in the background. Roger Camp, who is renown for designing and building biplanes from the wreckage of other planes, flew a cartoon-scale Royal Air Force BE2 in this event.

Two Mustang P-51s flown by Jack Steinhauser and Rob Ihly then took to the air and performed a precision formation flying routine to music from the “Band of Brothers” TV series.

A multirotor display by Ron Cox was humorously interrupted when Eric Sunderwirth launched his Pterodactyl dinosaur, which relies on flapping wings for propulsion!

Adam Small defied our understanding of physics with his incredible 3D routine with a high-performance helicopter.

A squadron of EDF jets flown by Dan Kellogg, Bob Smith and others then took to the air and amazed all with their fast passes and dramatic climb outs.

This was followed by a change of pace with Lachlan McLean flying his scale Hanger 9 Beaver low and slow, exhibiting the famous STOL characteristics of this aircraft.

The strains of Glen Miller’s “In the Mood” began the next sequence, shortly interrupted by the long wail of an air raid siren. A rumbling of bombers in the sky heralded the launch of a fleet of WWII gas- and glow-powered aircraft flown by Bob Haynes, Dave Radomski, Cam Lawson, Dave Bockeman (and others) that soon engaged in the twists, turns and dives of mock combat amidst the sounds of anti-aircraft guns and airborne machine guns. A B-25 and Douglas SBD Dauntless were casualties in this event.

A final scale aircraft event turned back the clock of time to the 1930s and featured Stearman, Waco,
and Bucker Jungmann biplanes cruising the skies to more Glenn Miller music.

Four very special pilots provided the final three flight demonstrations. Gary Gillis flew his Aeroworks 260 Extra Freestyle through an amazing demonstration of pattern type aerobatics. Dr. Bob Motazedi lit up the sky with his smoke-equipped Boomerang XL turbine jet, performing spectacular aerobatics that showed off the performance characteristics of his jet. A final routine was performed by two of the best 3D pilots in Colorado: Andrew Grant and Cody Wilson. Flying 60cc and 120cc gassers, they wowed the crowd with their amazing piloting skills and unbelievable maneuvers.

Flying that many airplanes works up a powerful hunger that was satisfied by the marvelous cooking of club “Chef” Joe Bolognese. A double-patty cheese-burger never tasted so good!

Thank you, Denver Eagles, for a wonderful event and sharing the pride and camaraderie displayed by your club. If you had an opportunity to look at the crowd when you were performing, you would have seen many smiling faces, from young to old, as they watched in amazement.

Pioneer Trails Scout Camp

On Wednesday, June 22 six members of the Denver R/C Eagles attended the Pioneer Trails Scout Camp to put on an exhibition explaining how radio-controlled aircraft work, and demonstrating the flight capabilities of a variety of fixed and rotary-wing aircraft. The Denver R/C Eagles volunteers included Joe Apice, Eric Sunderwirth, Tom Toledo, Ron Cox, Jack Steinhauser and special guest Tom Neff, Assistant Vice President for AMA District 9.

These guys all did a wonderful job of introducing our hobby to a group of 7-11 year-old boys and their parents.
Based upon the numbers provided to me by Camp Organizers Kara Plehn and Christine Searle, I would estimate we put on six shows to approximately 550 boys, and probably 50 adult leaders. That is the biggest audience, by far, that the Denver R/C Eagles have ever presented to!

At first, we were a little disorganized in our presentation, but we quickly got into a routine where Jack Steinhauer introduced Tom Neff, who reviewed the basics of flight controls on an airplane using an actual RC plane, then turned the mike to Joe Apice for commentary on flying exhibitions. The flying exhibitions included fixed wing gliders, wings, and pusher jets. Ron Cox demonstrated the starting process and sound of a glow-powered Tiger Moth. We also had several quad copters hovering in front of the crowd. Fortunately, we were blessed by light breezes and overcast skies that resulting in perfect weather conditions to show off our amazing flying machines.

I suspect there were quite a few boys whose imaginations were still spinning new thoughts and ideas for days or weeks based upon what they saw at this exhibition. Who knows, perhaps we kindled a passion that will produce a future engineer, astronaut or pilot! The scouts that I talked with at the event were bursting with excitement.

A week after the event I received the following thank you note from organizer Kara Plehn:

Thank You Denver R/C Eagles!

We want to thank you for coming and sharing your talents at our Cub Scout Camp this year. You did an amazing job this last Wednesday and the boys loved it! The setting and weather were just perfect! We enjoyed having you all out and hope to have you back in the near future.

June Evening Fly and BBQ

The nicest events the Denver R/C Eagles Club puts on are the Evening Fly events. June 23 saw the first of two of these events for 2016. As usual, there was a major thunderstorm that rumbled through the Denver area and dropped lots of rain at the field prior to the start of the event. However, by 6:30 p.m. the skies were again clear, and the roaring winds of the thunderstorm had given way to gentle breezes.

We are fortunate to have had the cooking skills and imagination of Joe Bolognese to provide delicious meals for these events in the past two years, and the June 23 Evening Fly BBQ was no exception. Joe prepared pulled pork with cole slaw sandwiches that were absolutely delicious!

During dinner we all enjoyed the opportunity to visit with fellow club members. I really enjoy seeing the obvious camaraderie of members as they shared stories and tall tales, often accompanied by hands simulating aircraft flying, and punctuated by laughter.

The flying conditions that evening were superb and we saw a variety of aircraft in the sky including electric warbirds, biplanes, jets, and rotorcraft. Fortunately, the evening insects were not as ravenous as they have been at past events. Flying continued past sunset into the evening twilight with planes equipped with lights. Bob Brelsford even set up some runway lights.

Sid Gates Article

Member Sid Gates was recently featured in the Spring 2016 edition of Contrails, an AMA publication focused on turbine jets and their pilots. I have reproduced the page that Sid appear on in this newsletter.
Ron Cox Explorer Post Initiative

Ron Cox has been looking into the possibility of setting up an Explorer Post sponsored by the Denver R/C Eagles.

Ron recently sent me the following request by email. We will discuss this further at the next club meeting.

Jack,

I meet with Lisa Gregg, the Arapahoe District Scout Executive, today 7/15/2016 at 1:00 PM for about 15 min. She discussed you're meeting with her previously regarding the possibility that the Denver R/C Eagles could sponsor a Boy Scout Explorer Post, and recommended that we form a leadership committee consisting of at least 5 members to pursue this opportunity. These five members would consist of the following:

1. A committee Chairman to call meetings and preside over committee meetings to determine Who, What and When and How on this Post.
2. An organization Sponsor representative (The President of R/C Eagles or someone appointed by the President).
3. The post advisor or “Scoutmaster”. Needs to be BSA trained per BSA requirements. I can serve as this person to start with. This person should not also be the same person as the Committee chair person.
4. Committee treasurer to handle funding.
5. Committee member at large and secretary for the group.

Sincerely, Ron Cox

That does it for this month.
See you at the field!
Happy landings,
Jack Steinhauser, DRCE President
Sid Gates Article

Moving on to more Colorado-based news, we have our long-time modeler and radio guru, Sid Gates, and his latest scale project: an F-94C Starfire. As a young man Sid was a USAF fighter pilot assigned to the 27th Fighter Interceptor Squadron and the F-94C. His model will represent one of the 27th FIS aircraft as it was when he flew them.

Sid has decided to power his Starfire with a Merlin 100 and the model will feature an operable drag chute and working scale speed brakes. No mention of the scale load of 48 Mighty Mouse air-to-air rockets! Sid said that they were never so lucky as to get a chance to hose off an entire 48 rocket salvo in practice. So far, Sid expects to finish things up and maiden the jet sometime this June.

As always, and especially if you are outside the Colorado area, I would encourage you readers to submit dates for known jet events as well as any items of interest. Those will be added to the next issue of Contrails.

Mike
June 18 Airshow
June 18 Airshow (cont.)
June 18 Airshow (cont.)
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June 22 Pioneer Trails Scout Camp
June 22 Pioneer Trails Scout Camp (continued)
June 23 Evening Fly and Barbeque
June 23 Evening Fly and Barbeque (continued)
June 23 Evening Fly and Barbeque (continued)
June 23 Evening Fly and Barbeque (continued)