Message from President Jack Steinhauser

It is hot out there! The Summer Solstice on June 20 is the longest day of the year and typically marks the start of two months of mostly hot, summer weather.

Flying in the hot, mid-day sun requires the protection offered by hats, shirts, sunglasses and sunscreen. Even so, the heat can be exhausting. Frequent breaks under a shade shelter, and copious consumption of water are very helpful.

The good news is that the hot weather will soon abate, giving way to the delightful weather of late summer and early fall. Crisp mornings that turn into glorious days with abundant sunshine, light winds, and azure skies. This is my favorite time of year to fly. Despite the rapidly shortening days of fall, the weather typically remains nice through October. Even November can have really nice stretches. These are the days to get out and enjoy the RC hob-
<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>BBQ</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>
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<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>
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<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>
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<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>
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<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>
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<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>
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<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>
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<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>
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<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>
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<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>
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<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>
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<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>
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<tr>
<td>7/20/2016</td>
<td>July Club Meeting</td>
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<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
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<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>
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<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>
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<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>
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<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>
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<tr>
<td>9/21/2016</td>
<td>September Club Meeting</td>
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<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
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<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>
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<tr>
<td>10/19/2016</td>
<td>October Club Meeting</td>
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<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
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<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>
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<tr>
<td>11/16/2016</td>
<td>November Club Meeting</td>
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<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
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<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>
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</table>
# Denver R/C Eagles Club Leadership

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Jack Steinhaus er</td>
<td>303-324-5054</td>
<td>jacksteinhaus <a href="mailto:er@comcast.net">er@comcast.net</a></td>
</tr>
<tr>
<td>Newsletter Editor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vice President</td>
<td>Dan Kellogg</td>
<td>303-489-7521</td>
<td><a href="mailto:d-Kellogg@comcast.net">d-Kellogg@comcast.net</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>John Dickens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Director - Flight Training</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secretary</td>
<td>Bob Smith</td>
<td>720-556-9066</td>
<td><a href="mailto:zmax2k1@juno.com">zmax2k1@juno.com</a></td>
</tr>
<tr>
<td>Safety Officer</td>
<td>Bob Pash</td>
<td>303-751-0493</td>
<td><a href="mailto:rpashmd@hotmail.com">rpashmd@hotmail.com</a></td>
</tr>
<tr>
<td>Field Maintenance Officer</td>
<td>Seth Buxton</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# Appointed Positions

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRCE Member-At-Large</td>
<td>Eric Sunderwirth</td>
<td>303-719-0973</td>
<td><a href="mailto:eric_346@msn.com">eric_346@msn.com</a></td>
</tr>
<tr>
<td>Chief Flight Instructor</td>
<td>Richard “Doc” Hamilton</td>
<td>303-781-6959</td>
<td><a href="mailto:r1ham@msn.com">r1ham@msn.com</a></td>
</tr>
<tr>
<td>Director – Helicopter Operations</td>
<td>Stephen Lantz</td>
<td>303-400-9789</td>
<td><a href="mailto:stephenlantz@comcast.net">stephenlantz@comcast.net</a></td>
</tr>
<tr>
<td>Web Master</td>
<td>Marty Miller</td>
<td>303-369-6177</td>
<td><a href="mailto:moonlightdesign@qwestoffice.net">moonlightdesign@qwestoffice.net</a></td>
</tr>
<tr>
<td>Master Chef</td>
<td>Joe Bolognese</td>
<td>303-810-6086</td>
<td><a href="mailto:JBolo@comcast.net">JBolo@comcast.net</a></td>
</tr>
</tbody>
</table>
Review and Approve Previous Meeting Minutes:
The 06/15/16 minutes were approved as written. David Hall and Carl Truszynski 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 on the progress of patching the damage done on the taxiway. He is currently investigating an option to accomplish the repair with quick drying cement. The idea is to keep repairs inexpensive, and prioritize expenditure on the shade shelters.

Vice President’s Report
Dan Kellogg was traveling

Secretary Report
Seth Rice announced he will be resigning as secretary so he can better tend to family and work obligations. He and his wife are preparing for the birth of a baby girl in October. Bob Smith said he would step up to take the position over for the remainder of the year.

Treasurer’s Report and Director of Flight Training Report
John Dickens mentioned the donation table in the corner.
122 paid up for 2016. Last year at this time we had 114 members.

Safety Officer’s Report
Bob Pash recommends putting a fire extinguisher in your vehicle so we have more at the field if there is a fire related incident. Also a rake or shovel is good to use to pull the burned/burning material back into the burned area if possible. Though no one should expose themselves or others to injury. If a fire starts, and it’s not something you can quickly contain and control, call the Ranger Station, and 911, to report a fire at the field which is on the West side of Cherry Creek.

Director – Airfield Maintenance
Seth Buxton was absent

Member at Large
Eric Sundenwirth was at large

Director of Membership
Empty Seat

Master Chef
Joe Bolognese spoke to the previous BBQ that went well, and reminded everyone there will be another on Thursday, July 28th.
There is also a BBQ planned for September 17th for the Airshow, for which he will not be able to attend.
Joe asked we bring forward a motion to order two new foldable tables for the air shows keeping the price under $100. Bob motioned for the funds to be put forward for this, John seconded the motion, and it passed. Joe will pickup the two tables and get rid of the failing folding table as well as the larger more difficult-to-move table that’s taking up space.

Events
BBQ on Thursday, July 28.
Airshow on Saturday, September 17.

Old & New Business
none

Show & Tell
Bob Pash – Yak 9 by VQ from Hobby People – one
of the reason he got it was because it was one of the lesser-seen WWII war birds we commonly see at the field. It was very popular on the Eastern Front with the Russians. The wider wheelbase on the landing gear made the full-scale aircraft easier to maneuver on the ground in Russia. The model is a fairly straightforward assembly, and the tail wheel was the only part that needed to sit in the rudder instead of the default configuration. Running with an electric 55-sized motor on a 6 cell and flies fairly well for intermediate fliers.

William Coyle – T-28 – Flies pretty well has flaps and retracts. This is his second plane. William has taken to flying RC planes very well, as evidence by his moving up to an intermediate aircraft so quickly.

Sid Gates – Showed his transmitter base he will start molding with carbon fiber, fiberglass and foam later this week. He’s hoping to have two transmitters for his jet that have two receivers for redundancy, so he can switch over to the other transmitter if needed. He’s hoping the carbon in the base will prevent cross talk between transmitters.

**Auction**
None

**Door Prizes**
John Dickens ran the door prize event for the evening. The following were the items given away as door prizes:

1. Colpar Gift Card, $10 –
2. 5 minute Epoxy – Jack
3. Heat Shrink Tube, 1/4x8ft –
4. Head Lamp –
5. CA Glue –
6. Ultra Plug, Dean’s M/F –
7. X-Acto Blades #10 (5) –
8. Helping Hands –

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

**Next Meeting**
The next meeting will be August 17, 2016 at Colpar Hobbies.

**Adjournment**
Meeting was adjourned at 7:42 P.M.
President’s Message (continued from page 1)

by flying your planes and rotorcraft at Suhaka Field.

Taxiway Repairs

I am pleased to report that we have got the damage to the taxiways fixed, and had both the taxiways and the asphalt in the pit area of the fixed wing facility crack-sealed and seal-coated. This repair and maintenance work should last for many years. The work was completed by asphalt contractor All State Paving at a cost of only $1,600.

July Maintenance Day

We had our July Maintenance Day on July 16. Suhaka Field was mowed, trimmed and generally beautified. Prairie Dog holes were filled, but most of them have since been reexcavated. Thanks to everyone who helped: Seth Buxton, Bob Brelsford, Bill Morz, Lloyd Halvorsen, Robert Ihly, John Dickens, Roger Camp, Bob Pash, Peter Aeby and Jack Steinhauser.

July BBQ and Evening Fly

We had our second and last Evening Fly and BBQ on July 28. It was a memorable occasion with excellent hamburgers and bratwurst prepared and served by our Master Chef, Joe Bolognese. Thanks, Joe! Flying conditions were not as good as the June Evening Fly due to blustery winds, but we still had lots of pilots launching and flying their aircraft throughout the evening.

Upcoming Events

We do not schedule events during the month of August as many members are travelling on summer vacation.

On September 17 we have our second and last Air Show of the year planned. I will prepare a draft
plan for the Air Show and circulate it to members in early September. Suhaka Field will be closed to regular flying during the Air Show.

On October 15 we have a Fun Fly scheduled. The Fun Fly will consist of a two or three competitive flying events that will allow members to test their skills at landing (Spot Landing Contest), flying low (Limbo Contest), and aerial bombing (Bomb Drop Contest). Please plan to either participate in, or observe, this fun event with fellow club members.

**Dynam Seawind**

I recently completed assembly of a Dynam Seawind Seaplane and maidened her on Bingham Lake at the Pinery, where I live. The Dynam model is patterned after the full-scale Seawind seaplane, which is billed as “the world’s fastest seaplane”, and manufactured by Sea Air Composites, Inc.

Like all the Dynam kits, it comes as an “almost-ready-to-fly” kit that takes about an evening to assemble the stock version. The Dynam kits are remarkably inexpensive and of good quality, making them one of the best values in the world of scale, foam RC aircraft.

I took several evenings to assemble the plane as I wanted to add a high-power LED lighting system. I got this system from Grayson Hobbies for $35. You can find the product at this link: [http://graysonhobby.com/3w-high-power-flight-airplane-simulated-flashing-leds.html](http://graysonhobby.com/3w-high-power-flight-airplane-simulated-flashing-leds.html)

This lighting system features 3 watt LED bulbs that are mounted in aluminum heat sinks due to the intensity of the bulbs. Without the heat sink, they would probably bum up pretty quickly. If you are not sure how bright 3W is, the typical LED is about 1/2 a Watt. You can see this a from a very long distance even in daylight. In the evening, they are incredibly bright.

Another cool feature is that the LED kit features 8 flashing modes that you can switch using any switched channel on your transmitter. It simulates a realistic aircraft lighting setup. The flashing sequence can be programmed to conform to the standard of civil aircraft. I have mine set so that the red and green navigation lights on the wingtips are steady. I also have wingtip strobes and a strobe on the leading edge of the wing. A slightly slower blinking light is mounted on top of the fuselage behind the canopy. The last two lights are red and white, mounted on each side of the tail, and programmed to slowly fade on and off like a rotating beacon. The effect in the air is captivating.

Another feature I added was the Lemon (Spectrum-compatible) 7 channel stabilizing DSMX receiver with diversity antenna available for $25 at [www.lemon-rx.com](http://www.lemon-rx.com). The quality of this receiver is superb, and the price can’t be beat.

The Lemon Rx actually has eight channels. Channel 5 is used to turn the Rx stabilizer on and off, and channel 8 is essentially a gain control for the stabilizer. That leaves six channels for flight controls, flaps, and landing gear.

I maidened the Seawind yesterday morning with two friends present at Bingham Lake near the Pinery Country Club. Bingham Lake is pretty nice for seaplanes as it is really just a big pond. Plenty of room to takeoff and land, but not so big that it has waves of any size. Since no boats are allowed, there is also no wake to contend with.

I found the Dynam Seawind required significant up elevator during the takeoff run to get on step and lift into the air. This is partly due to the position of the motor on a pylon above the fuselage. This position keeps the prop away from the water, but also
means that the plane tends to nose down under takeoff power. With a healthy back stick, the plane lifts nicely out of the water and enters a steady climb at which point you can relax the back pressure. Once at cruising altitude of 50-100 feet, the plane will cruise very nicely at 50-60% power.

As mentioned earlier, channel 8 of the Rx is a gain control for the stabilizer. I adjusted the stabilizer settings for the elevator, ailerons and rudder via potentiometers on the Rx itself. Then, I can control the total amount of stabilization via a rotary knob on the top of my transmitter. This “fine tuning” allows for the perfect amount of stabilization for different flying conditions. Too much stabilization will induce a flutter in the control surface.

I found that landing the Seawind required a bit of finesse. Since the Seawind is a light plane with a straight, high lift wing, it tends to float like a glider on approach and take a long time to settle down on a normal glide path. Accordingly, I put in some down elevator at low to no throttle to bring the plane down quickly to about 1-2 feet above water, then eased it down slowly to the water while bleeding off speed. Land too fast and you will bounce several times before settling into the water. A perfect landing involves an almost imperceptible transition from flying to gliding along the surface of the lake. Taxiing the aircraft is best accomplished with full up elevator to lift the nose into a position so it can efficiently plane across the water.

All in all, I am really thrilled with this fun RC aircraft, and would recommend it to intermediate and advance pilots as a fun alternative to flying from runways.

Final Year

2016 will be my final year as President and Newsletter Editor for the Club. After three years in this role, and two years before it as VP for the Club, I feel it is time hand the reins to someone else. I have enjoyed my time in this leadership role, and feel I have made a positive contribution to the club. The Denver R/C Eagles is a larger and friendlier club, with nicer facilities, than when I took on this position. I hope my successors will continue that trend.
President’s Message (continued from page 7)

I hope to see each of you at our upcoming club meetings, club events or just flying on a Saturday morning in the beautiful fall weather that is fast approaching.

Sincerely,

Jack Steinhauser
President, Denver R/C Eagles Flying Club
July 28 Evening Fly and Barbeque
July 28 Evening Fly and Barbeque (cont.)
July 28 Evening Fly and Barbeque (cont.)
July 28 Evening Fly and Barbecue (cont.)
Freewing A-6 Intruder
Dynam C-47
Dynam Seawind
Dynam Seawind (cont.)
Will Wichelo Space Shuttle
July 16 Maintenance Day
July 16 Maintenance Day
Repaired Taxiway and Sealcote of Taxiways and Pit Area