**Denver R/C Club Meeting Minutes**

**May 17, 2017**

---

**DRCE Meeting Minutes for May 17, 2017**

Colpars Hobby Town, 1915 South Havana St. Aurora CO.

Call to order: 6:37 PM. We have 14 members present.

We have a quorum.

No new members or guests present.

Motion to approve the April 19th minutes: 1st - David Hall, 2nd - Sid Gates. Minutes approved as written in the newsletter.

**Leadership Team Reports:**

Treasurer’s & Director’s Flight Training Reports - John Dickens: Membership at 110. The renewed percentage is 80%. Last year at this time it was 84%. The club is solvent. The new Apprentice trainers now come with the DXe transmitter which is difficult to use. Instructor Richard Hamilton is creating user friendly operating instructions for this transmitter. It might be necessary for the club to buy a DXe transmitter for training new students.

65 mice captured and relocated to the great beyond in 3 ½ years.

Director of Field Maintenance - Brian Holleman: Brian was not present. Bob Brelsford volunteered to manage our May 20th maintenance day for this coming Saturday.

New and Old Business:

David Hall presented his VTOL/Convergence report to clarify the rules on rotorcraft aircraft. David’s proposed additional rules were discussed. One rule was amended to add a time limit on the runway. A motion to approve the rules was made. 1st Bob Pash, 2nd Jack Steinhauser. The rules were approved.

Improvements to the Rotorcraft area were discussed. Improvements include a concrete pad for launching ro-

---

**Message from President Loren Anderson**

Greetings All,

I want to thank everyone that turned out for our first field maintenance day. We had a great turnout and accomplished a lot. The field looks great! We have a fun month ahead with the air show, barbecue and the Lake Appreciation Day. Jack has already assigned tasks for some of you for the air show and a few more volunteers are still needed so don’t be shy. I am also looking for some help manning a small booth at the park for the Lake Appreciation Day. The park will supply a table, chairs and a shade tent and I can bring a couple of planes. It is a short event from 11:30 to 2:30 so if you would be able to spend an hour or so handing out brochures as a good will ambassador for the club I would be grateful.

Let’s be safe and have fun.

Loren Anderson
**DENVER R/C EAGLES**

**2017 ANNUAL EVENTS CALENDAR**

Effective January 20, 2017

<table>
<thead>
<tr>
<th>Item</th>
<th>Date</th>
<th>Event</th>
<th>BBQ</th>
<th>Time of Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/11/2017</td>
<td>DRCE Board Meeting</td>
<td>BBQ</td>
<td>6:30 - 8:00 p.m.</td>
<td>Village Inn</td>
</tr>
<tr>
<td>2</td>
<td>1/18/2017</td>
<td>January Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>3</td>
<td>2/15/2017</td>
<td>February Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>4</td>
<td>3/15/2017</td>
<td>March Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>5</td>
<td>4/15/2017</td>
<td>April Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>6</td>
<td>4/19/2017</td>
<td>April Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>7</td>
<td>5/20/2017</td>
<td>May Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>8</td>
<td>5/17/2017</td>
<td>May Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>9</td>
<td>6/10/2017</td>
<td>June Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>10</td>
<td>6/17/2017</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>11</td>
<td>6/21/2017</td>
<td>June Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>12</td>
<td>6/24/2017</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>13</td>
<td>7/15/2017</td>
<td>July Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>14</td>
<td>7/19/2017</td>
<td>July Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>15</td>
<td>7/22/2017</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>16</td>
<td>8/16/2017</td>
<td>August Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>17</td>
<td>8/19/2017</td>
<td>August Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>18</td>
<td>9/16/2017</td>
<td>September Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>19</td>
<td>9/20/2017</td>
<td>September Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>20</td>
<td>9/23-24/2017</td>
<td>Park Outdoor Convention Weekend</td>
<td></td>
<td>Field will be closed both days.</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>9/30/2017</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>22</td>
<td>10/18/2017</td>
<td>October Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>23</td>
<td>10/21/2017</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>24</td>
<td>11/15/2017</td>
<td>November Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
</tr>
<tr>
<td>25</td>
<td>12/20/2017</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**: Loren Anderson  
  720-339-5173  soft80111@gmail.com
- **Vice President**: Dan Kellogg  
  303-489-7521  d-Kellogg@comcast.net
- **Treasurer**: John Dickens  
  Director - Flight Training  
  303-617-6044  JcDickens68@hotmail.com
- **Secretary**: Bob Smith  
  720-556-9066  zmax2k1@juno.com
- **Safety Officer**: Bob Pash  
  303-751-0493  rpashmd@hotmail.com
- **Field Maintenance Officer**: Brian Holleman  
  720-352-9584  BrianWHolleman@gmail.com

### Appointed Positions

- **DRCE Member-At-Large**: Eric Sunderwirth  
  303-719-0973  eric_346@msn.com
- **Chief Flight Instructor**: Richard “Doc” Hamilton  
  303-781-5999  r1ham@msn.com
- **Director – Rotorcraft Operations**: Stephen Lantz  
  303-400-9789  StephenLantz@comcast.net
- **Web Master**: Marty Miller  
  303-369-6177  MoonlightDesign@qwestoffice.net
- **Master Chef**: Brian Holleman  
  720-352-9584  BrianWHolleman@gmail.com
- **Newsletter Editor**: Jack Steinhauser  
  303-324-5054  JackSteinhauser@comcast.net
DrCraft and three small pilot pads. Jack Steinhauser will add these improvements to his Airfield Improvement proposal.

Shade Structure:

Payment for the engineering drawings has been made and the drawings should arrive by May 31st. Approximate costs are: footings $6,000, concrete floor $2,000 and structure $12,000. Total cost complete with concrete floor roughly $20,000.

Discussion ensued on possible financing options. 1. Possible Corporate Sponsorship, 2. Membership financing through a donation or possible member peridium.

Other Items:

A group has asked for group membership instead of individual memberships. It was decided not to create a group membership. The group could make a corporate donation, since the club is 501c3 qualified.

While discussing how to maintain a supply of club brochures in the box below the bulletin board, it was learned that some club officers did not have the combination to the storage shed. The combination will be sent out to the officers via e-mail. Any club members needing to access the shed should see one of the club officers.

The park is to have a meeting about the Prairie Dog problem and possible solutions. The park is to do parking circle driveway improvements soon and the field will be closed if the Park gives us the date.

Events:

The Mile High Club (25 miles east of Parker Road on Quincy) has an event on June 3.

June Airshow (June 24th). Jack Steinhauser presented the upcoming airshow events and all of the preparations. Joe Vedovati is to be the announcer, Bob Lembke is to handle the food services. Bob will need 6 volunteers to help him. Jack suggested purchasing a new 4 burner grill to cook on and to eliminate the need to rent a grill each time. Postponed to next meeting to find facts and costs.

Tony Zang will be the presenter for the June meeting. He will discuss his USAF flying career with the F-105, F-5E and A-10 aircraft.

Show and Tell:

Jack Steinhauser showed his new Flite line P-38 from Motion RC. Has some nice weathering which Jack explained. Bob Smith showed his new Horizon Hobbies Carbon Z 84” Cessna 150.

Auction (John Dickens): Flight Simulator RF7I won by Bob Smith for $20.

Door Prizes (John Dickens):
- Pliers, Mini locking (2) Richard Lowrey
- Sanding Sticks, Coarse & Medium Tony Zang
- Collpars Gift Card $10 Loren Huderson
- Magnetic Head Lamp Rodger Getty
- 5 Minute Epoxy Bob Smith
- Clamps, Micro Spring (6) Jim Rockholld
- Heat Shrink Tubing (9) Jim Darden
- Monokote Trim, Yellow Jack Steinhauser

Meeting adjourned: 8:23 PM.
One of my favorite aircraft designs of all time is the Lockheed P-38 Lightning. It was ahead of its time when it was designed in 1937. The Army Air Corps wanted a fighter that would excel at dog-fighting, fly at high altitudes, have a maximum speed of at least 360 mph, and climb to 20,000 feet in six minutes.

Under the direction of famed designer Clarence “Kelly” Johnson, the Lockheed design team came up with a twin-boom configuration and a central nacelle for the pilot and armament. The Lockheed design incorporated tricycle undercarriage and a bubble canopy, and featured two 1,000 horsepower turbosupercharged 12-cylinder Allison V-1710 engines fitted with counter-rotating propellers to eliminate the effect of engine torque.

Clustering all the armament in the nose was unusual in U.S. aircraft, which typically used wing-mounted guns with trajectories set up to crisscross at one or more points in a convergence zone. Nose-mounted guns did not suffer from having their useful ranges limited by pattern convergence, meaning that good pilots could shoot much farther. A Lightning could reliably hit targets at any range up to 1,000 yards, whereas the wing guns of other fighters were optimized for a specific range. Combined rate of fire from the 20mm cannon and four .50-caliber machine guns was a devastating 4,000 rounds per minute.

The FliteLine P-38 model was well done, and easy to assemble except for the task of guiding lots of servo and light wires into the central nacelle.

Based on my experience with a finishing an F-18, I decided to cover the outboard wing panels with clear vinyl. This is a product called Oracal 651, a 2.5 mil vinyl film. It has a self-adhesive backing, and can be made to fit curves and panel lines with the application of some heat with a heat gun. It adds a thin, lightweight shell to any foam airplane that imparts strength and a glossy finish.

Prior to applying the Oracle film, I filled in the panel lines with an aluminum marker, and airbrushed some India ink on the plane to create a weathered look.

The P-38 benefits from a Hobbywing A3-L gyro stabilizer that does a wonderful job of keeping the plane rock stable in light turbulence. This contributes to the impression that the aircraft is a full-size P-38. The plane flies beautifully and won First Prize for Multi Engine Aircraft at the recent Wings over Denver event on June 9-11.
FliteLine P-38L (continued)
FliteLine P-38L (continued)
FliteLine P-38L (continued)
Suhaka Flying on June 3, 2017
Suhaka Flying on June 3 (continued)
Suhaka Flying on June 3 (continued)
Suhaka Flying on June 3 (continued)
Suhaka Flying on June 3 (continued)