May 2017

Message from President Loren Anderson

Greetings All,
Can you believe that it is May already? I am sure most of you have finished your winter builds, aircraft maintenance and such. I have not! Too many shiny things getting in my way. I know some of you have been able to take advantage of some pre-season good flying weather and I am envious. I was looking forward to getting out to fly this weekend but the phone rang and I must be somewhere else.

We have submitted the payment for the shelter specs and plans and should have that submittal package for the Army Corps of Engineers in 3 weeks or so. I am looking forward to getting the package submitted. I then can start dealing with the required coordination to get this project done. We will have to start putting our budget together and seek some funding to help us out.

Our first scheduled air show is around the corner and we have some field maintenance to get done before then. Please plan on participating in the airshow and maintenance days as your help is greatly appreciated.

Loren Anderson

Denver R/C Club Meeting Minutes
April 19, 2017

April 19, 2017 meeting of the DRCE at Colpars Hobby Town 1915 South Havana St. Aurora CO 80014
Call to order: 6:32 pm
16 members present and 1 guest, we have a quorum.
2 new members: Richard Lowrey and Tony Zang, each introduced themselves and gave an account of their involvement in the hobby.
Visitor Brett Tuley, presented a proposal to construct an R/C car track in the center circle of the parking area. Several members had reservations about parking problems, or even if the Park would even permit the proposed usage. Other problems noted were noise and possible property damage should a vehicle leave the track. Much discussion ensued with various members bringing up these issues. Ultimately the group voted not pursue this almost unanimously.

Minutes of the March meeting vote, 1st David Hall, 2nd John Keisler, unanimous approval as written.

President's Report:
Discussion on the proposed 10x20 shade shelter by Jack Steinhauser and Loren Anderson gave a report update. Before we can proceed we must provide a set of engineering drawings for the structure to the Park and Army Corps of Engineers. The cost approximately $1000 for this purpose. Possible total cost in the neighborhood of 20k for the completed project. Financing was discussed as was possible ways to raise the needed capital. Motion to spend up to $1000 for drawings and permits etc by Bob Pash and 2nd David Hall, motion approved.
The Letter of Agreement with Centennial airport has been approved and signed. The agreement requires the club to enforce the FAA number requirement. John Dickens will

Continued on Page 4

May Events
6:30 p.m. Wednesday, May 17, Club Meeting at Colpar Hobbies, 1915 South Havana
8:30 a.m. Saturday, May 20, May Maintenance Day
# 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>Suhaka Field</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>
Club Elected Officers

President    Loren Anderson
620-339-5173   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
303-781-5959   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

May 2017
notify the members that need to provide their FAA number to John.

The new club brochure has been printed. Copies are below the bulletin board and in the shed. John Dickens has additional copies.

Insurance dishonesty bond was discussed to protect the club financially, cost is $187. Motion to pay by John Dickens, 2nd (?) approved.

Treasurer’s report: John Dickens, 106 members for 2017 or 77% of last year, a -6% from last year at this time. The club is solvent.

Safety Officer Bob Pash had no new problems, although Rodney Getty had 2 fingers impaired in a prop bite. The accident took place while binding the aircraft to a new transmitter for the first time. Lesson Learned – The initial binding should be done with the propeller removed. In another incident, an Apprentice trainer airplane lost half of its horizontal stabilizer and elevator while in a rapid descent to lose altitude. A safer way to quickly lose altitude is to put the airplane into a bank of 90 degrees.

Director of Field Maintenance report: Brian Hollema not present. Jack Steinhauser gave a report on the needed 6 tons of fines for improvement to the pilot pads to be decided and done at the end of May or first of June. Jack is waiting for the Park to reply to his email. A plan for a new and larger bulletin board was discussed. It was decided not build a new bulletin board at this time. Bob Brelsford said Seal Tec expects to perform our crack sealing and seal coat in May or June depending on weather conditions.

Old and New Business:

David Hall reported for Sid Gates on the problems of the convergence aircraft. Discussion was to class them as a “helicopter” VTO type of aircraft or as a conventional R/C aircraft. Discussion was to class them as a “helicopter” VTO type of aircraft and restrict them to the helicopter area. John Keisler and David Hall will draft a set of rules for convergence aircraft and present it at the next meeting.

Information on the June airshow on the 24th was presented.

Jack Steinhauser gave a report on the commercial helicopter situation and due to restrictions of our site is not suitable.

Show and Tell: Bob Smith showed his new DH 100 Vampire 70mm EDF aircraft, he intends to use it as a jet trainer for the Turbine power jets as they have similar plans.

Auction: John Dickens conducted the auction. The Thunder Tiger .46 engine was won by Loren Anderson with a bid of $10. The Tower hobbies electric starter was won by Bob Smith with a bid of $1.

Door Prizes:
1. Heat Shrink tubing, 9 feet of assorted sizes – Rodney Getty
2. 5 minute epoxy – Tony Zang
3. Monokote trim, Day Neon Orange – Harry Straight
5. Colpars Hobby $10 gift card – Bob Pash
6. Deans connectors – John Dickens
7. Magnetic Head lamp – Bob Brelsford

Motion to adjourn: 1st David Hall 2nd John Keisler

Meeting adjourned 8:13 pm
As many of you know, my son Rob is training to be a Navy pilot. In March we got the news that he had successfully completed his Primary Training in the T6 Texan II turboprop, and been selected to fly jets! He has since moved to Kingsville, Texas, and is waiting for his training in the T-45 Goshawk to begin.

Unfortunately my Goshawk bit the dust while on approach about three months ago. I had slowed the plane down, dropped flaps, and just added slats when the plane decided it was no longer flying, stalled, and rolled into the ground. Argh! I was hoping to fly my model Goshawk while Rob was flying the real thing.

As a replacement, I purchased the Freewing 90mm F-18 EDF and assembled in February and March. Chances are good that Rob will end up flying this plane after he trains in the Goshawk. I decided to cover the entire plane with clear vinyl. This is a product called Oracal 651, a 2.5 mil vinyl film that can be purchased in over 60 colors. 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 airbrushed some India ink on the plane to create a weathered look. I used a series of photos of real F-18s to get a sense of how this should look.

I also added position lights on top of the wing (white) where the pronounced strake of the F-18 meets the wing, and just in front of the intakes (red). These are 3 watt LEDs that can be programmed to flash in a variety of patterns. They complement the six stock position lights the plane came with. I also added very bright landing lights under the fuselage that I have rigged to a switch on the top right of my transmitter so I can turn them on during the pre-approach flyover. Just like the F-18s that land at Centennial, I like to fly down the runway and make a hard left turn to enter my approach pattern. You can see all the lights in the photo above.

The F-18 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 F-18.

I have successfully maidened the plane and look forward to many flights this summer at Suhaka Field.
Freewing F-18 (continued)
Freewing F-18 (continued)
Freewing F-18 (continued)
Seaplane Flying at Bingham Lake
Seaplane Flying (continued)