The Official Newsletter of the Denver RC Eagles Club
January 2015

Message from President Jack Steinhauser

The year end for 2014 was marked by very cold temperatures. On December 30, the mercury hit a low of –11°F in Parker, the coldest day of 2014. New Year’s Eve and early January weren’t much better.

I did manage to get out for some flying in the cold and snow with Eric Sunderwirth, Doc Hamilton and others at Suhaka Field on December 28, 2014. With the field covered in snow, it was a great day to test out float and ski-equipped planes in the snow. See the “Snow Day” photo series herein.

The past week has seen a return of warmer temperatures, with highs some days in the 50s.

Yesterday, Saturday, January 10, was one of those days. Though the overnight temperature touched 20°F, the calm air and bright sun drove the temperature up thirty-six degrees to a high of 56°F. With a light sweatshirt this temperature was very comfortable. In addition, the air was very quiet until later in the afternoon, and then the 5-10 mph northerly breeze was polite enough to blow right down the runway.

Denver RC Club Meeting Minutes
December 17, 2014

Minutes of a Regular Meeting of the Denver R/C Eagles held December 17, 2014 Meeting minutes submitted by Joe Bolognese, Secretary.

A regular meeting of the Denver R/C Eagles was held on Wednesday, December 17, 2014 at Colpar Hobbies. The meeting was started at 6:30 p.m.

Call to Order

The meeting was called to order by Jack Steinhauser at 6:30 p.m. Board Members in attendance: Jack Steinhauser, President; Joe Bolognese, Secretary; Eric Sunderwirth, Safety Officer; and John Dickens, Immediate Past President. Total members present: 26, we have a quorum.

Jack asked if any visitors or new members were at the meeting. Two guests were present and they introduced themselves and gave a brief bio of their background in the hobby.

Review and Approve Previous Meeting Minutes

Jack asked for a motion to accept the 11/19/14 minutes. A motion was made and seconded. Minutes approved.

Opening Remarks

And President’s Report

Jack Steinhauser reviewed the meeting agenda with the members.

President’s Report

Jack reviewed the meeting that the leadership team had at Sid Gates’ house on December 10. He outlined what was discussed, and the changes that were recommended and implemented to the 2015 calendar of events.

Jack then introduced the officers for 2015, as well as the

January Event

Wednesday January 21—December Club Meeting 6:30 p.m. to 8:00 p.m. at Colpar Hobbies. Includes Sid Gates AMA Hall of Fame Award Presentation by AMA District IX VP Tom Neff

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## Denver R/C Eagles 2015 Annual Events Calendar

### Effective January 12, 2015

<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>1/13/2015</td>
<td>DRCE Board Meeting</td>
<td></td>
<td>6:30—8:00 p.m.</td>
<td>Perfect Landing</td>
</tr>
<tr>
<td>1/21/2015</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>2/18/2015</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>2/21/2015</td>
<td>Aeromodeling at the Hanger</td>
<td></td>
<td>10:00 - 4:00 p.m.</td>
<td>Wings over Rockies</td>
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<tr>
<td>3/18/2015</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>4/11/2015</td>
<td>April Maintenance Day</td>
<td>BBQ</td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>4/15/2015</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>5/16/2015</td>
<td>May Maintenance Day</td>
<td></td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
</tr>
<tr>
<td>5/20/2015</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>6/13/2015</td>
<td>June Maintenance Day</td>
<td>BBQ</td>
<td>8:30 to 10:00 a.m.</td>
<td>Suhaka Field</td>
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<tr>
<td>6/17/2015</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>6/20/2015</td>
<td>June 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>6/25/2015</td>
<td>June 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>7/11/2015</td>
<td>July Maintenance Day</td>
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<td>8:30 to 10:30 a.m.</td>
<td>Suhaka Field</td>
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<tr>
<td>7/15/2015</td>
<td>July Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
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<tr>
<td>7/18/2015</td>
<td>July 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>7/23/2015</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>8/15/2015</td>
<td>August Maintenance Day</td>
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<td>8:30 to 10:30 a.m.</td>
<td>Suhaka Field</td>
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<tr>
<td>8/19/2015</td>
<td>August Club Meeting</td>
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<td>6:30 - 8:00 p.m.</td>
<td>Suhaka Field</td>
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<td>8/22/2015</td>
<td>August Air Show</td>
<td>BBQ</td>
<td>11:45 a.m. to 1:30 p.m.</td>
<td>Suhaka Field</td>
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<td>8/27/2015</td>
<td>August BBQ and Evening Flying</td>
<td>BBQ</td>
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<td>Suhaka Field</td>
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<td>Colpar Hobbies</td>
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<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>10/29/2015</td>
<td>End-of-Year Dinner Party</td>
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<td>6:00 to 8:30 p.m</td>
<td>TBD</td>
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<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>12/16/2015</td>
<td>December Club Meeting</td>
<td></td>
<td>6:30 - 8:00 p.m.</td>
<td>Colpar Hobbies</td>
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</tbody>
</table>
Denver R/C Eagles Club Leadership

President: Jack Steinhauser
Newsletter Editor: Joe Bolognese
Vice President: John Dickens
Director - Flight Training: Sid Gates
Treasurer: Eric Sunderwirth
Safety Officer: Bob Brelsford

Appointed Positions
Director - Airfield Maintenance: Joe Apice
Director - Special Projects: Richard "Doc" Hamilton
Chief Flight Instructor: Stephen Lantz
Director – Helicopter Operations: Marty Miller
Web Master: Bob Pash
DRCE Member-At-Large: Ron Cox
Director—Public Relations and Outreach: Seth Buxton
Director—Membership: Marty Miller

January 2015
members of the leadership team. He asked for each individual present to give a short description of their goals for the year in their leadership role.

The following individuals talked about their roles:

1. Joe Bolognese - Vice President
2. John Dickens - Secretary and Director of Flight Training
3. Sid Gates, Treasurer
4. Eric Sunderwirth - Safety Officer
5. Bob Brelsford - Maintenance Director
6. Ron Cox - Director of Public Relations and Outreach
7. Seth Buxton - Director of Membership
8. Bob Pash - Member at Large

Jack proceeded afterwards to outline the role of those individuals on the leadership team who were not present.

1. Joe Apice - Director of Special Projects

Jack then outlined the calendar of events for 2015 and also highlighted that it was decided amongst the leadership team that we will have all monthly meetings in 2015 at Colpar Hobbies. We also discussed the reduction in the number of BBQs and events.

Jack asked for a motion to approve the calendar for 2015. Motion passed.

Director – Airfield Maintenance

Bob Brelsford reviewed the issue regarding the tires for the lawn mower. Apparently they were in worst condition than originally thought. We cannot fill the tires with foam in their present condition. Therefore we need to purchase new tires first. Bob offered to put $100 of his own money towards the cost. A motion for the club to provide funds for new tires was passed.

The old barbeque in the shed has been replaced by a better barbeque donated by Joe Bolognese. Thank you Joe!

The combination to the shed lock has been changed. See a Leadership Team member if you need access to the shed.

Old and New Business

Joe Bolognese purchased and delivered to the meeting 10 folding chairs that we agreed to purchase and donate to Colpar Hobbies.

Joe presented them to Fred, owner of Colpar, and thanked him for his generosity in allowing us to continue
Bob Lemke wins SIG Kadet LT-40 at Auction

And the winner is... Bob Brelsford

“Sold to Bob Brelsford for $55, you lucky dog!”

Carl Truszynski, Winner of the Skimmer Electric Sailplane

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DRCE Meeting Minutes (continued from page 1)
Auction

Eric ran the auction for the evening. The following items were auctioned and awarded to the following:

1. Kadet LT40 ARF: Bob Lemke $50.00
2. Electric Sail Plane (Skimmer): Carl Truszynski $15.00

Door Prizes:

John Dickens ran the door prize event for the evening. The following were the results of the door prizes:

1. Hobby Town $10 Gift Card: Dan Kellog
2. Quick Clamp 4”- Joe Bolognese
3. Blue Masking Tape: Jay Tafoya
4. Lead Weights: Phil Waters
5. Gorilla Glue- Rich Bueno
6. Ultra Fine Markers: Carl Truszynski
7. X-Acto blades #10: Leonard Roderick
8. X-Acto Blade #11.

Next Meeting

The next meeting will be January 21, 2015 at Colpar Hobbies. The AMA will be presenting Sid Gates his plaque for being inducted into the AMA Hall of Fame.

Adjournment

Meeting was adjourned at 8:07 p.m.
By noon yesterday, Suhaka Field came to life as many pilots emerged from their basement or garage workshops to do a little flying. As can be expected, there were some new planes at the field, the result of recent building and repair efforts. I write about my own recent building and repair activities in an article later in the newsletter.

Yesterday the heli area was buzzing with rotorcraft due to an all-day meeting of the Colorado Aerial Media Pros Meetup Group. This group is headed by President Shawn Murry. Murry has devoted himself for several years now to the profession of aerial media and has a very impressive hexocopter that he uses to capture images and videos of homes, commercial buildings and other buyers of aerial imagery. I was contacted by Murry who very politely requested the ability to utilize our facilities. I responded that our club was happy to host them as long as they flew in the heli area, and respected all our rules, including displaying AMA membership. I spoke with our Director of Helicopter operations, Stephan Lantz, late in the afternoon and he reported that the Colorado Aerial Media Pros group had been very pleasant and polite guests to our club.

I was also pleased to meet Terence and Reed Upson, whom John Dickens was meeting for some orientation and instruction. Reed is nine years old, and Terence is his father. I had been contacted by Terence in December with a request for something special that he could put under the Christmas tree for Reed. I designed a Certificate of Membership for Terence and Reed, which proudly displayed their AMA membership numbers, and sent it to Sid Gates in PDF format. Sid printed it out and delivered it to Terence right before Christmas Eve. Terence told me yesterday that of all the gifts he received, the DRCE Membership was of greatest significance to Reed. I told Terence that RC Flying was how the rest of us “get in touch with our 9-year-old selves”, and that I was very pleased to have them as members.

Of course the fixed wing runways were also buzzing and roaring with activity as a steady stream of electric, glow and gas-powered aircraft took to the skies. We often had five guys on the flight line with planes in the air, and a couple waiting their turn to fly. It was easy to forget that it was mid-winter with the sun and warm temperatures, except that the pilot flying stations were surrounded by mud. You all may remember that we installed gravel in the spectator area last year to deal with the muddy conditions there, and it worked beautifully. We did request permission to apply gravel to the flight station area from the State Park, and were turned down on this request. I am going to take another run at my friends in Park management to see if we can get this corrected in 2015.

Renewal of DRCE Lease at Cherry Creek State Park
We are also going to be negotiating a renewal of our lease with the Park this year. In anticipation of this process, I have already had prior discussion with Tim Metzger, the Manager of the Park. He has expressed a very positive attitude about getting this done, and has been quite supportive of our club and activities this past year. Consider that a well-organized and run model aircraft club is one of the crown jewels of the park from their standpoint, when they have VIPs visit, one of the stops is to see Suhaka Field.

DRCE Board of Directors Meeting
This coming Tuesday evening we are going to have a meeting of the Board of Directors of the DRCE. All members of the DRCE Leadership Team have been invited to this planning meeting. This meeting is a follow up to our meeting in December where we finalized the 2015 Plan that was presented to and approved by membership at the December club meeting. That meeting was about “what” we are going to do in 2015, the meeting next Tuesday evening will be about “how” we are going to accomplish all the things we agreed were important in...
President’s Message (continued from page 7)

December. As you can see on the calendar presented on page 2 of this Newsletter, we are anticipating a year with many fun events. These include as many as five, short maintenance days. On those Saturdays, we will have a very specific work program that we think can get done in an hour if enough guys show up. Whether its mowing the grass, trimming the weeds, or painting the flying stands, these projects will keep our field looking sharp. By keeping the project duration short, our pilots can lend a hand to keeping the club beautiful, but also quickly get to flying. We are also planning three big Air Show events like we had last year in August and September. I have never seen such big smiles as I did on the faces of both pilots and spectators at these events last summer. In addition, we have six barbeque events, three at the Air Shows and three for evening flying. These events proved very popular and are a great way for people to get acquainted over a meal.

Aeromodeling at the Hanger

In addition to our club events, there is one regional event that we will be participating in as a club, just as we have in recent years. This is the “Aeromodeling at the Hanger” event held at the Wings Over the Rockies Air and Space Museum located at 7711 East Academy Boulevard, Denver, CO 80230, from 10:00 a.m. to 4:00 p.m. on February 21, 2015. The WOTR facility has a spectacular collection of full-size and model military and civilian airplanes located in what was once an active airplane hanger at Lowry Air Force Base. This event is organized to give guests an opportunity to meet guys from Colorado’s aeromodelling clubs, see model aircraft displays, buy from local vendors, and witness demonstrations of various models. Two years ago they had a guy with a turbine jet that was equipped with a smoke system. He would start it up outside the hanger doors, wind (and heat) up the turbines a little, then hit the smoke button for an impressive display. We will need volunteers from the club to man our booth at this event, so be thinking if this is something you are interested in doing.

Aviation Xtreme Simulators

Besides the impressive display of model and real aircraft, the WOTR museum is also the site of the Aviation Xtreme Flight Simulation Center. This Center is like a cross between a military training facility and a video game arcade. You sit in a simulator that has a full set of controls (throttle on left, stick in the middle and rudder pedals), with a screen that wraps around the pilot, creating an immersive visual experience. There are two levels of simulators, one that has more of an arcade game complexity, and the other which is probably equivalent to a full-blown military simulator. The latter has a cockpit you climb into, complete instrumentation inside the cockpit, and a large, curved screen in front of the pilot.

I took my son, Rob, to the Aviation Xtreme center on Saturday, January 3, when we flew F-15s on the less complex simulators. Our program included an initial orientation to the controls that was presented on a video screen in their briefing room, followed by getting into the simulators for flights simulating takeoff, regular flight, and landing. With this experience behind us, we flew a mission against Russian fighters that we were able to bring down with Sparrow radar-guided missiles, Sidewinder heat-seeking missiles, and the Vulcan gun aboard our F-15s. Our mission controller (the guy driving the computer) was able to increase the sophistication of the simulation to make it quite realistic.

Rob was so pleased with the basic simulator experience that I signed him up for a one-hour ride in the more sophisticated simulator the following Wednesday. For most of this time, Rob was flying a simulation of an A-10. Again the flight experience started out with takeoffs, basic flying and landings; then got into a series of simu-
lated ground attacks using the impressive GAU-8 Aven-
ger gun, as well as rockets. Rob was also able to test out
the P-51 simulation, successfully taking off and landing
from an airstrip next to the ocean in the fading light of
evening.

After these experiences I can heartily recommend the
Aviation Xtreme flight simulator to anyone who wants to
get a sense of what modern air combat is like. At a price
of about $100 per hour, including admission to the mu-
seum, the simulator is not cheap, but it’s a reasonable
price considering the equipment you get to utilize and
their facilities. For a person who is enamored with scale
military planes, as I am, this is a great complement to
flying RC scale planes.

Jefco Auction - February 7

Another event that is coming up
which I strongly recommend
that each of you consider at-
tending is the Jefco Aero-
mod’lers RC Club Auction to be
held Saturday, February 7, 2015
at the Jefferson County Fair-
grounds.

According to the Jefco Club,
“This auction is an annual event
and one of the largest of its kind
in the world. We usually have
over 500 people attending and over 1000 items available
for sale.”

Pre-registration is now open on the club website http://
www.jefcoaeromodlers.org

If you are interested in this event, the Club also recom-
mends that you “consider attending and most certainly
pre-register to avoid spending time on line whether you
are buying or selling as it just makes the whole experi-
ence better. Sellers are especially asked to pre-register
so we can have a packet ready for you upon arrival so
there are no forms to fill out. Buyers who are pre-
registered can view pictures and see buy it now and
minimum pricing set by sellers.”

Sid Gates Hall of Fame Award

I am pleased to inform you that fellow Denver R/C Club
Member Sid Gates will be formally inducted into the

Academy of Model Aeronautics Model Aviation Hall of
Fame on Wednesday, January 21, 2015 at the start of
our January Club meeting held at Colpar Hobby-
Town. Presenting the AMA Hall of Fame award will be
AMA District IX Associate Vice President, Tom Neff. Club
member Bob Brelsford nominated Sid Gates for this
award.

The AMA Model Aviation Hall of Fame award recognizes
aeromodelers whose contributions to model aviation
over the years have been outstanding and have im-
proved the sport/hobby and increased its prestige and
stature. Induction into the AMA Model Aviation Hall of
Fame occurs annually. Selection is based on the individ-
ual’s contributions to model aviation, which may include
competition, design, experi-
mentation, leadership, educa-
tion, organization, writing, pub-
ilishing, manufacturing, or other
related activities. Emphasis is on
the accumulated contributions
in one or more of these catego-
ries over an extended period of
time. The program is adminis-
tered by the Academy of Model
Aeronautics. The selection of
inductees is determined by the
Hall of Fame Selection Commit-
tee, which is composed of past
presidents and a selector from
each AMA district.

Please plan to join us for the meeting to help Sid and his
wife of 62 years, Shirley, celebrate this important
award. Shirley will be serving some homemade sand-
wiches at 6:10 p.m., prior to the award ceremony start-
ing at 6:30 p.m.

Denver R/C Club Updated Website

As many of you will recall from our December meeting,
one of the projects we wanted to tackle early in the New
Year was an update of our club website. The website we
have had is very nicely done, but the information it con-
tains is partly out-of-date. So, for the past several weeks
I have been working with Marty Miller to organize con-
tent, and lay out the new site using the web-based pro-
gram Weebly. My job was to provide written and visual
content, and Marty did the layout in Weebly. As most of
you know, Marty is a very accomplished web designer

Sid Gates at Home Workshop with F-94C Project
President’s Message (continued from page 8)

and he has done a superb job on the new club website. I believe that we are going to have the nicest club website of any club in the Colorado Front Range. As I write this newsletter, Marty is working through the final details of the actual launch. We expect the site up next week. When it does launch we will notify all members.

Parting Thoughts, Perspective on A Year in Weather

This is the time of year when most RC pilots spend time building and repairing planes for the next flying season. It won’t be long before the weather warms up, the days grow longer, and the allure of time spent flying will send us all to Suhaka for time on the sticks. For a perspective on annual weather temperature patterns at Cherry Creek State Park, I used the Weatherspark to show the last year of temperature and wind data. You can create your own weather displays at www.weatherspark.com.

See you at the Field!

Jack Steinhauser,
President, DRCE
Snow Day At Suhaka Field on December 28, 2015
Snow Day At Suhaka Field (continued)
Snow Day At Suhaka Field (continued)
Snow Day At Suhaka Field (continued)
Jack Steinhauser’s Recent Building and Repair Projects

Top left: Freewing P-51, 55 inch wingspan. Top right: Installation of TT-25 transducers in Mustang to provide sound from Mr. RC Sound module.

Middle left: Detail of Freewing Mustang landing gear and landing lights. Middle right: Purchased Eric Sunderwirth’s Durafly Spitfire, installed 25 sized motor and larger ESC, and expanded battery bay to accommodate 4 amp 4S batteries. Maidened successfully on January 10, 2015.

Bottom left: Hobby King BAE Hawk with RAF 50 Year Anniversary paint scheme. Bottom right: installed scale Hawk cockpit instrument panels.
Jack Steinhauser’s Recent Building and Repair Projects

Top: RC Lander Hawker Hunter Jet with 70mm EDF powered by 6S battery. I love the streamlined look of the British Cold War-era jets. This one was flown by the Swiss Air Force in the 1960s. I lived in Switzerland as a child and remember seeing these planes fly. They were very impressive. First maiden of this plane in 2014 was unsuccessful due to aft CG. Bob Lemke assisted with repairs. She is ready for second maiden with two oz of lead in the nose.

Bottom: My Float Cub. Another case of a rough first maiden. Bob Lemke repaired damage and recovered main fuselage. I added Navy decal scheme. Should be great for spring flying from snow, and summer flying from water.