



The Antenna

April 2018



Auction RE-SCHEDULED to MAY 26

Next Club Meeting: Wednesday, May 2nd, 19:30, CARFF Clubhouse

**Upcoming Flying Event: Show & Shine Saturday May 12th at the CARFF
Bawtinheimer Field**

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Ron Hall continues Kit-Bashing

News from Arizona

April 4th Meeting Minutes

January 97th? Really!

NEXT CARFF FLYING EVENT: Show & Shine, Saturday May 12th at the CARFF Bawtinheimer Field.

2018 Executive, Standing Committees and Contacts

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TBA

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Rob & Gale McCoy

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WEBMASTER

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COUNTY OF RED DEER BYLAW ENFORCEMENT

403-343-6301 (Call will be forwarded to member on duty).

Fire Burning Permit: Not Required.

Field GPS Coordinates: N52° 12' 6", W113° 42' 18" (N52° 12.106', W113° 42.304')

CARFF on Facebook <https://www.facebook.com/groups/1418503868392501/>

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Customizing a Kit Built Airplane-Part 3

By: Ron Hall

We left off last month working on the engine cowl, and we were shaping the 'cheeks'. So let's continue on with that.



I continued sanding the outside by hand with fine (320 grit) sandpaper to get the cheeks to the shape I wanted, and to smooth out the curves. Then it was time to start hollowing them out. I started with the cylinder side, as it was going to take more time. Using a Dremel with a drywall cutting bit, I rough cut out larger chunks. Use caution with this bit as it can chatter and jump around, but it works well. Then I switched to a drum sanding bit and worked on slowly thinning and shaping the inside of the cheek (the drum sander takes a lot of wood away quickly so again, use caution). The cheek with the cylinder needs airflow to keep the engine cool, so I

shaped it accordingly. Once I had that one finished, the second one was quite simple. Just needed to be hollowed out to reduce weight.



The next step was to position them on the cowl, and mark the spot where the cowl separates from the fuselage. Then cut the cheeks at that spot. Once that's done, glue them on. I glued the front half on the cowl first using 5 minute epoxy, then mounted the cowl on the fuselage so I could properly align the back half.



Next I used wood glue to attach the back halves to the fuselage sides. Then some more sanding to get everything smooth. Finally, due to the compound curves all over this cowl and the different parts to make it up, there were gaps requiring filling. Some lightweight spackle to fill the gaps and more sanding.



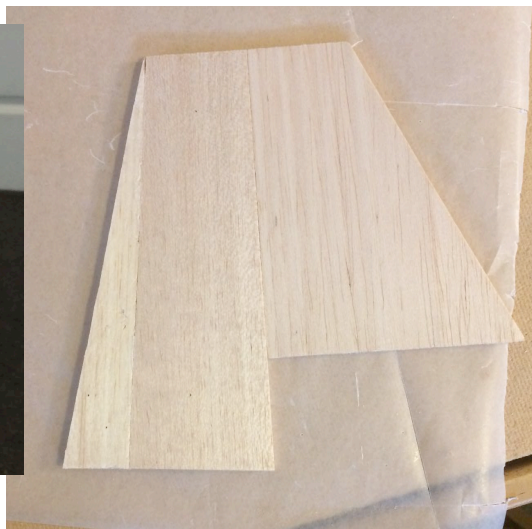
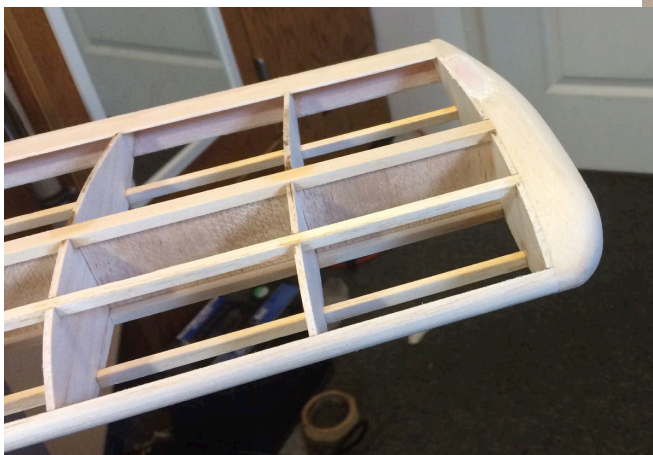
The final steps for the cowl will be to cover the outside with Monokote, then fuel proof the inside. For the fuel proofing I'll probably use a 2 part epoxy paint (Endura or similar).



Now that the cowl is pretty much finished, there are a couple other smaller mods I have done. First, the wingtips. The plans just have a simple plywood tip rib which does give a kind of plain square wingtip. I dressed mine up a little bit with some rounded balsa block, hollowed for weight reduction.



These wingtip were built using the exact same techniques as the cowl cheeks so I won't go into the details.



The last change I made is very easy. I've always found the rudder to be a bit too square. So I added a tapered chunk to the trailing edge to give it a nicer, more tapered look. Like an Extra 300 actually. Plus this will give me more rudder authority, a bonus!



So, to sum up I have had a lot of fun with this project. All I have left now is to work on the radio install, covering, and final assembly. But of course I just had to temporarily assemble it to see how it is looking all in one piece. Pretty happy with the results so far, and so is Herman.

Hopefully see you all at the Show and Shine with your winter projects.



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EDITOR'S SOAPBOX

Eraldo Pomare

At the time of writing, it is April 7th, the 97th day of the year. A wag in Edmonton called it January 97th because we are still in the iron grip of winter. Balzac Billy has a lot of explaining to do.

Rob McCoy discovered that the Sylvan Lake Community Hall had been double booked on our auction day. After discussions with hall management, he decided to reschedule the auction to May 26. Club members are asked to make every effort to make themselves available to help out with the running of the very important CARFF function.

Thank you to Ron Hall for the third and last instalment of his kit-bashing articles. It's amazing how a basic airframe can be easily changed to improve the aesthetic. Also, Wayne Hutmacher sent me a [video linked here](#) of a pair of RC jets flying a formation display. WOW.

Lastly, Dennis Carney sent in a couple of photos of his recent flying day in Phoenix. About a mile or so from his house!



For contrast, here's the CARFF Field on January 97th (April 7th).

Note: "The Antenna" needs your articles, photos and sketches! Previously published articles must be accompanied by a release (permission) from the copyright holder.

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CARFF General Meeting April 4, 2018

In Attendance: Brian Davis, Chris Warner, Gale McCoy, Rob McCoy, Dave Evans, John Ferguson, Tony Lindhout, Cory Derbyshire, Ron Hall, Randolph Janssen, Tim Hergert, Dallas Havervold, Benjamin Klassen, Matt Lowes, and Adam Tomalty.

The meeting was called to order @ 7:31 by Ron.

Agenda: Additions - None.

Motion made by Dave, seconded by Adam to approve agenda. Carried.

Minutes:

Motion was made by Rob, seconded by Tony to adopt the March minutes as published in the newsletter. Carried.

Financial Report:

The balance in the bank account is \$11,118.54 and a GIC of \$ 15,540.92 for a total of \$26,659.46
Motion made by Gale, seconded by John to adopt the financial report. Carried.

Old Business:

HotDog machine order Will contact Jon to see for the status.

Credit Card/Debit Cube for the CARFF club.

Motion by Rob that the club to order a CUBE for the upcoming Auction, Seconded by Randy. Carried.

New Business:

2018 CARFF auction MAY 26 Sylvan Lake. (NOTE NEW DATE)

Notification has been sent out to prev buyers/sellers of the new date

More details at the next meeting.

CARFF Show and Shine May 12, 2018 at the field, see Ron Hall for more information

Nomination of Leader Member - John Ferguson

Gale made a motion to that John be Leader Member, seconded by everyone. Carried

Please see attached

Open Discussion:

May meeting to be held at the Club house.

Motion by John that Gale and Rob receive a \$75 Gift card for all extra work with the Carff Auction.

Seconded by Dallas. Carried.

April 4, 2018

Nomination of John Ferguson for Leader Member by Gale McCoy, Rob McCoy, Wayne Hutmacher, Rene Weber, Eraldo Pomare.

John Ferguson has been a member of the Club since the start. He has been on the executive, is an instructor, has hosted several Fun Fly Events and is willing to help any flyer, new or old. John has a wealth of knowledge concerning building techniques, flying rules and etiquette of our sport. John has also been instrumental in the success of our Auction as he has been our auctioneer for many years.

Gale Motioned

Second Everybody ✓ Carried ✓

Spring Show and Shine - Saturday May 12th

Well, according to the calendar spring has arrived, but the weather outside says otherwise. Anyhow, I am still going ahead with the Show and Shine fun fly, and we'll all cross our fingers and hope that spring finally makes an appearance before Saturday May 12.

Hopefully we will see lots of new airplanes at the field that day, whether they are ARF, kit, scratch built, or even an older restored airplane. Everyone else is welcome too, even if you don't have something new to show off. We aren't that fussy!

2018 Calendar of CARFF Events

May 2, 2018 (Wed)	Club Meeting, 7:30 PM, CARFF Field
May 12, 2018 (Sat)	Show & Shine - Organizer: Ron Hall
May 26, 2018 (Sat)	CARFF Auction, Sylvan Lake ****RE-SCHEDULED****
Jun 6, 2018 (Wed)	Club Meeting, 7:30 PM, CARFF Field
Jun 9/10 (Sat/Sun)	Aerotow & Sailplane Weekend - Organizer: Eraldo Pomare
Jul 4, 2018 (Wed)	Club Meeting, 7:30 PM, CARFF Field
Aug 1, 2018 (Wed)	Club Meeting, 7:30 PM, CARFF Field
Sep 5, 2018 (Wed)	Club Meeting, 7:30 PM, CARFF Field
Sep 15/16 (Sat/Sun)	Dogfight over Benalto - Organizer: Gary Hillman
Oct 3, 2018 (Wed)	Club Meeting, 7:30 PM, CARFF Field
Nov 7, 2018 (Wed)	Club Meeting, 7:30 PM, Red Deer Flying Club
Dec 5, 2018 (Wed)	Club Meeting, 7:30 PM, Red Deer Flying Club **Election Night 2018**

NOTE: If you know of other clubs who would like to have their events listed in the CARFF newsletter, please have them send the info to the [editor](#)

[CRAMS](#) Aerotow: July 7 & 8



Just how wrong can a rodent be?

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