



The Antenna

September 2015



Editor's Sebart 1960s Fiat G.91 EDF jet in flight.

Photos: Barbara Pomare

Next Club Meeting: Wednesday October 7, 2015. 7:30PM, CARFF Clubhouse

In this Issue:

Report from Abbotsford Airshow
by John Ferguson

September Meeting Minutes

Indoor Flying Dates Announced

A Jet Affair

PLEASE LOCK THE GATE when you leave the field and no one else is still there.

NEXT CARFF FLYING EVENT: CARFF Club Fun Fly, Sat. Sep 26, CARFF Bawtinheimer Field, all day.
Chance to win your 2016 CARFF membership just by flying.

2015 Executive, Standing Committees and Contacts

CARFF EXECUTIVE

President	Jon From, 403-886-5515, jon@cloud9aviation.ca
Vice Pres.	Harvey Fodor, 403-347-9256, hfodor@transwest.com
Secretary	Chris Warner, 403-589-0298, warner_c@hotmail.com
Treasurer	Gale McCoy, 403-347-1363, rgmccoy@shaw.ca
Director	Brian Davies, 403-318-4577, ve6ckc@gmail.com
Director	Tony Lindhout, 403-347-8463, tslindhout@shaw.ca
Director	Will Gross, 403-346-6119, ti2wgo@hotmail.com

CLUBHOUSE MANAGEMENT

TBA

FIELD AND MAINTENANCE COORDINATOR

Rob McCoy (403) 347-1363

INSTRUCTOR COORDINATORS

Will Gross 403-346-6119,
 Rob McCoy 403-347-1363, cell: 403-396-5747
 Travis Saylor 403-986-7581

AUCTION

Rob & Gale McCoy

NEWSLETTER EDITOR

Eraldo Pomare, 403-343-2072, pomare@telusplanet.net
 snail-mail: 1 MacKenzie Crescent, Red Deer, AB, T4N 0H6

WEBMASTER

Vince Mulhall, 403-755-1953, cell: 403-872-1911, vmulhall@shaw.ca

COUNTY OF RED DEER BYLAW ENFORCEMENT

403-343-6301 (Call will be forwarded to member on duty). Primary contact: Stephen Poburan
 If no answer call Bob Dixon 403-505-9030.

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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Abbotsford Airshow

Had a great weekend with my son Jeremy at the Abbotsford airshow a couple of weeks ago. This was one of the best airshows I've seen in a long time. Mainly because there were so many unique airplanes there, several I have never seen in the flesh before. If you ever get a chance to see this show, don't miss it. So what was different at this show? How about a P51B mustang, A Spitfire, a Mosquito bomber, aerobatics in a Gruman Agcat, F22 raptor demo, great heritage demonstrations with all of the above plus a B25. The Breitling Jet team from France was there flying the Albatross and they were quite spectacular especially the final bomb burst with aerial pyrotechnics. Even the CAF Skyhawks demo was extra special this time. And as always the snowbirds. Kent Peitsch did his comedy routine in the Porterfield Collegiate and his dead stick aerobatics show. It was a really good show, high overcast and temps around 26 to make the day even more relaxing. RCAF Heritage flight was there and the Hornet did passes with the Spitfire each in Battle of Britain markings.

I also got lots of pics of Jeremy's new Douglas Dauntless built by a Vancouver guy, Super detail.

Here are sum pictures for you.





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Rob McCoy (403-347-1363, rgmccoy@shaw.ca) has the following NIB ARFs for sale:

MODEL	GAS OR ELECTRIC	ASKING PRICE	RETAIL
Phoenix Strega P51 RACER	55 - 100	\$145.00	\$289.00
Sea Gull Percival Mew Gull 1936 racer	120 4 stroke	\$125.00	\$249.00
E-Flite Mini Ultra Stick	Electric	\$85.00	\$169.99
Phoenix Sonic High Wing Trainer	25 electric	\$60.00	\$79.99
E-Flite Ultimate 220-300 10e bi-plane	10e electric	\$85.00	\$164.99
Phoenix Tocano 40 Modern AT-6 Trainer type	gas or electric 46-55 or 25e	\$120.00	\$239.99
Fiberglass floats for E-Flite J-3 Cub		\$50.00	\$99.99
E-flite Clipped Wing J-3 Cub	25 e Electric	\$90.00	\$129.00
Sea Gull 540 Edge	46-55 glow	\$95.00	\$179.99
Sea Gull SportCruiser (RV-8)	46-55 glow	\$125.00	\$249.99
Hanger 9 Jackal 50 Looks Like a Jet	46-80 glow	\$95.00	\$189.00
Sea Gull Extra 260	1.50- 1.80 Glow	\$115.00	\$224.99
Hanger DeNight Special 50 1950's racer	46-55 2 Cycle or 72-82 4 Cycle	\$115.00	\$224.99
Hanger DeNight Special 50 1950's racer	46-55 2 Cycle or 72-82 4 Cycle	\$115.00	\$224.99
Sea Gull Nemesis 46 Racer	46-55 Glow	\$130.00	\$254.99
Sea Gull Ryan Navion (rv 8)	75-91 glow	\$145.00	\$288.99
Great Planes Little Toni Racer	60 2 cycle 90 4 cycle	\$160.00	\$323.99
Sea Gull Sea Bee 40 size Pattern plane	46-55 glow	\$100.00	\$199.00
Great Planes Z526 Zlin european acrobatic	46-72 glow	\$150.00	\$299.00

REMINDER: If you leave the field and no one else is still there, you **MUST LOCK THE GATE**. Don't assume someone else will show up later, even if it's early in the day! Also, before leaving, check that the clubhouse and washroom doors are locked.

Vince Mulhall has updated our website: check it out at: www.carff.ca
Thanks Vince!

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A JET AFFAIR

Eraldo Pomare

About a year and a half ago I started an affair with electric ducted fan (EDF) jets: I bought a Sebart Models PNP foam Fiat G.91 jet. Initial take-off runs in stock form on our grass runways were unsuccessful. A “careful” application of a Visa card bought a new 90mm fan/motor/ESC combination. The stock 90mm unit drew ~80A while the new unit pulls in excess of 100A on a fresh 5000Ah 6S pack, turning the fan at ~40,000 RPM.



Three out of four flights have ended with “flame-out” landings with repairable damage. This is probably because at >100A current draw the cut-off voltage is reached very quickly - less than 3 minutes. But I did have one great landing. Honest!

Everything in the electric circuit, including wires, gets hot. For the “techies” out there:

- Consider the two 9-inch battery-to-ESC wires: They alone dissipate an appliance light-bulb’s worth of power (15W); never mind all the other stuff!
 - If you want to check the math: 10 gauge wire has a resistance of 1.018 ohm per 1000’, so the total length of ~18” for the two battery wires carrying 100A loses (I^2R) = 15 watts.

I’ve also had to trash a 5000 mAh, 6s pack by soaking it in salt water then piercing the foil. The pack was charged/topped-up a few time but never flown - it puffed up very badly over last winter and was considered a fire risk.



My dalliance with jets is almost over: turbines are too expensive for me and larger EDFs aren’t that far behind. You can’t beat a sailplane for energy management & conservation!! Then there are biplanes & round engines too. *Eraldo*

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CARFF GENERAL MEETING

DATE: Sept 2 , 2015

In attendance: Gale McCoy, Rob McCoy, Jon From, Chris Warner, Eraldo Pomare, Vince Mulhall , Gary Allison, John Ferguson, Tony Lindhout, Wayne Hutmacher, Chris Bemath, Brian Davis, Mike Trevors, George Rehman, Ron Ditchburn

Call to Order: 7:40PM by Jon

Agenda:

Additions: Sound Board and CARFF Airshow

Moved: Tony

Seconded: Eraldo

Carried Yes

Minutes: Moved as circulated : Wayne

Seconded: Eraldo

Carried Yes

Financial Report: Bank account: \$14,035.83

GIC: \$5,471.71

Total: \$19507.54

Move acceptance of finical report: Gale McCoy

Seconded: Brian

Carried Yes

Old Business:

1. CARFF Fly Station

- 2 more stations have been order and are being built by the school.

2. Dog Fight over Benalto

- See newsletter for full details.

3. Club Fun Fly Sept 26,

- See newsletter for details, 6 awards to give out at the event.

4. Sound Board

- Everything is tested out , need to have a trial run during the fun fly to ensure the System is working.
- Gary Allison will take care of housing the speakers and board over the winter months.

5 CARFF air show

- Discussion on having the event every year or every 2 years , we will vote on this come the Oct Meeting,

6 Auction Item.

- Rob was contacted concerning a missing payment on a Engine that was at the Auction Paper work hard to follow as to where and who bought the unit. Agreed to Pay the client \$50.00 for the missing payment of the engine, as this is the only issue that we had with the event

Moved Wayne

Seconded Eraldo

Carried yes

New Business:

1. Indoor Flying

Payment has been made to the Penhold Location \$1239.00 for 20 hours rental over the winter months Fee will stay @ \$10.00 for 2 hrs fly , see newsletter for schedule to be post on dates.

2. New CARFF website is up and running .

Please test drive out new Site and let Vince know if there are any issues.

Open Discussions:

PLEASE report any suspicious crime to our club exec's

PLEASE ensure Club house and gates are locked if you are the last one to leave

Adjournment: Ray to adjournment 8:25

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EDITOR'S SOAPBOX

Eraldo Pomare

This month there's mostly good news & better news. First, we have another Fun Fly planned for September 26 (see poster below). One lucky person will win his or her 2016 CARFF membership just by showing up & flying and we will all have fun too! September usually produces some of the year's best flying weather, so I'm hopeful that September 26 will be a super flying day!

Also in the news: Rob & Gale McCoy have booked the indoor flying dates for this fall & winter. Although the we didn't cover all expenses last year, the fun afternoons will still only cost pilot's \$10 per session, but the sessions will run 2h instead of 3h to get the books to balance. Last season, most pilots left after about 2h anyway, so this seems to be a good fit. The schedule is published on the last page of this newsletter.

Don't forget the MAAC Zone Meeting will be held on October 18 at 11:00 in our clubhouse. As usual, this is the day after the Didsbury Auction, so if you need to buy or trade stuff go to Didsbury on October 17th.

Please support "Dogfight Over Benalto" on September 19 & 20. Unfortunately, I will be away.

There is, unfortunately some bad news: all MAAC, hence CARFF members will have received the [Transport Canada Civil Aviation Safety Alert](#) regarding drone illegal operation near forest fires. I have noticed a trend in mass media reporting where there is little or no distinction between unlawfully operated drones & normal "model aircraft". This trend is disturbing because if the public and lawmakers do not draw a distinction between unlawful activity and the safe operation of RC models, our hobby might find itself over-regulated and hamstrung.

So, as MAAC & CARFF members, we need to be great ambassadors for our hobby, which we can do through our own individual behaviours:

- Remembering our models are miniature aircraft and operating them as such.
- Not operating even small park flyers where any RC flying is not permitted or discouraged.
- Operating our models courteously and safely at all time - at our field avoid low approaches over the road, follow & obey club rules and be good neighbours.
- If we see unlawful operation of drones or models, call the authorities. We cannot turn a blind eye - for the public's safety and our own interests.

AIRSHOW 2016 ?

NOTICE: A vote will be taken at the October club meeting on whether to hold an airshow in 2016.

Newsflash: Ron Ditchburn is getting married on September 13th, 2015

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CLUB FUN FLY

September 26th , 2015

An event for CARFF club members,
This is a fun fly for all our members to come
Out and have a day of fun flying!!!

Whether you are still a student or a wings pilot
We hope you will come out and share this great
Hobby with your fellow club members.

This is a replacement for the the Old Farts Fun Fly
And is intended to help us all get to know each other better.

A casual day of fun flying, we will have some awesome
Prizes for those who attend.

NON COMPETITIVE PRIZES!

All the prizes will be awarded by members choice votes
Or a draw from the hat.

**Main Prize will be a FREE CARFF MEMBERSHIP
FOR A YEAR!**

Yes you could win your membership for 2016
You must be there and you must fly to have your name put
in the hat.

Other Prizes will be members choice votes.
Glue, tools, club hats, and more!!!

SEE YOU THERE

DOGFIGHT OVER BENALTO



**A MUST ATTEND
EVENT**

**SEPTEMBER
19 ~ 20**

AN OLD SCHOOL FUN FLY REUNION

1980 TO TODAY. EVERYONE IS WELCOME.

IF YOU HAVE BEEN HERE BEFORE COMEBACK FOR MORE.

COME SEE FLYERS YOU HAVEN'T SEEN IN YEARS!

**NEW GUYS COME SEE WHAT THE OLD GUYS WERE TALKING
ABOUT.**

EVENTS INCLUDE:

**ODD & UNUSUAL ~ GLYDE CLYDE ~ TIMED FLIGHT
RIBBON CUTTING ~ LEMANS AEROBATICS ~ EGG DROP
AND SPIN MASTERS ~ LOTS OF FREE FLYING TIME
BRING YOUR GUITARS, FIDDLES, SAXOPHONES TO THE
SATURDAY NIGHT CAMPFIRE**

**SELF CONTAINED CAMPING AT THE HILLMAN FAMILY CAMPGROUND
SATURDAY NIGHT FIREWORKS COURTESY HILLMAN AIR**

LANDING FEES \$10 PER PILOT

**BRING YOUR DOGHOUSES, PAPER AIRPLANES, WITCHES,
AND AVIATION ODDITIES (SPECIAL PILOTS CHOICE AWARD
FOR THE ODD AND UNUSUAL)**

**Contact: Gary Hillman 403-597-4187 or John Ferguson 403-302-3213
(a maac sanctioned event)**

fergusoncomp@hotmail.com or cghillma@yahoo.ca

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2nd Annual
Supper, Silent Auction & Historic Speaker

Saturday September 12, 2015

Cocktails: 1700hrs

Supper: 1800hrs (prime rib)

Tickets \$60.00 per person

Harvard Business Park—Range Rd 21 (follow the signs)

Springbrook, Alberta / Red Deer Airport

History presentation to follow supper

Business Casual Dress

History of the Japanese Kamikaze:

presented by Dr. Stéphane Guevremont

Dr. Stéphane Guevremont is a former aircraft mechanic. He holds a B.A. in History (McGill), a M.A. in War Studies (RMC) and a Ph.D. (UofC) on the Canadian aircraft industry.



Tickets: Jodi - 403.358.8278, jodi@penholdbase.ca
or Gary - 403.597.4187, gary@penholdbase.ca

2015/2016 Calendar of CARFF Events

2015

Sep 26, 2015 (Sat) Club Fun Fly (Organizers: Jon From & John Ferguson)
 Oct 7, 2015 (Wed) Club Meeting , 7:30 PM, CARFF Clubhouse
 Oct 18, 2015 (Sun) MAAC Zone A Meeting, 11:00 AM, CARFF Clubhouse
 Nov 1, 2015 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Nov 4, 2015 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club
 Nov 29, 2015 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Dec 2, 2015 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club ****Election Night 2015****
 Dec 13, 2015 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Dec 20, 2015 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot

2016

Jan 6, 2016 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club
 Jan 10, 2016 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Jan 24, 2016 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Feb 3, 2016 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club
 Feb 14, 2016 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Feb 28, 2016 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Mar 2, 2016 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club
 Mar 13, 2016 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Mar 27, 2016 (Sun) Indoor Flying, 1:00-3:00PM, Penhold Multiplex, \$10/Pilot
 Apr 6, 2016 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club
 May 4, 2016 (Wed) Club Meeting , 7:30 PM, CARFF Clubhouse
 Jun 1, 2016 (Wed) Club Meeting , 7:30 PM, CARFF Clubhouse
 Jul 6, 2016 (Wed) Club Meeting , 7:30 PM, CARFF Clubhouse
 Aug 3, 2016 (Wed) Club Meeting , 7:30 PM, CARFF Clubhouse
 Sep 7, 2016 (Wed) Club Meeting , 7:30 PM, CARFF Clubhouse
 Oct 5, 2016 (Wed) Club Meeting , 7:30 PM, CARFF Clubhouse
 Nov 2, 2016 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club
 Dec 7, 2016 (Wed) Club Meeting , 7:30 PM, Red Deer Flying Club ****Election Night 2016****



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