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# **SHAG (Saskatchewan Heli Annual Gathering) May 29th - 31st**

-By Brian Korchinski

SHAG 2015 had seventeen pilots in attendance for the weekend. The field was in great shape. We had a mix of weather over the weekend. Saturday was a good day for flying however Sunday was too windy for most pilots except for the hardiest.

Colten Edwards handled the pilot registration and prizes, and managed the coffee, doughnuts, and salad for the concession. A lunch time concession of burgers and salad was well run by Greg Lock with support from Bob Penley, Mike Dallaire, and Brian and Paul Korchinski. Terry Jones volunteered on the flightline. The event cleared close to \$400; we'll hear the final accounting from our Treasurer Rick Reid at the June general meeting. A raffle was held on Saturday for \$5 a ticket. Colten Edwards won a 450L helicopter donated by Align Rc Canada. Howard McKay won a 180 bnf donated by Remote Control Hobbies. Sunday we held our pilot draws where everyone walked away with several prizes each. Prizes donated by Boca Bearings, Great Hobbies, Mikado USA, Progressive RC, Scorpion Power Systems and Express Hobbies. Thanks to all who came out both as pilots and spectators.



Below are a few photos of the event:











# Rick's Lear Jet Gets a Second (or Third?) Chance

-By Fernando Garza

Well, I remember that back in 2007 Rick Reid mentioned to me that he had a Great Planes Lear Jet he had built and was collecting dust in his basement.



He vaguely recalled that he had flown it on a few occasions, but it had a design flaw due to the plane's T-tail. Apparently the flexible wire used to move the elevator flexed too much, so the plane would not rotate on take-off, or flare on landing unless a lot of input was used. After considerable control stick input, the wire would spring back into its regular position, causing an unexpected elevator position.

Besides warning me about the elevator issue, Rick said the plane was complete and was ready to accept retractable landing gear. I purchased the plane right then and there and picked it up a few days later.

The plane sat in my basement for over two years, while my wife and I started "La Bamba" Restaurant in town. I worked at it a few minutes here and there until around 2012 the plane was ready to fly. I noticed the flexing of the elevator, but also noticed some minor flexing on the steering nose gear. Long story short, I moved some servos to the front, but was never really able to fix the flexing for the rods moving the elevator. Despite the elevator issue I decided it would be a "fly or bust" type of thing.

I took the plane out to the field and she flew, but in the middle of its first flight the engine quit. I landed with the gear up on some hay; No harm done, but I could "feel" the flexing of the elevator as it flew. I still didn't do anything to fix the issue though.

Next, I upgraded its power plant from a Rossi 46 to a Rossi 53 because the plane seemed heavy, and barely took off from our grass field.



I then took the plane out to the Cudworth Municipal Airport, and took off from a paved runway. The plane was on its take-off run, but she was refusing to take off, so I yanked the stick and she took off

straight up. I tried to lower the nose to avoid a stall but she dove straight down. I pulled up as hard as I could, but she hit the ground with its belly and took off again, leaving pieces of landing gear and propeller behind. At this point, the plane was going up with no gear, a very short propeller and an over revving engine. I shut the engine off and she came down like a person hitting a pool belly first. Damage was significant, but to this day I think I mostly saved the plane.

Now, fast forward 3 years, and the plane was fixed, including the flexing on that stupid flexible wire Great Plane used for the elevator. I used a 'telescopic' tubing method, that extends and contracts along with the wire itself, and voila!

Last week, I called Rick, and made sure he could come to the 3<sup>rd</sup> or 4<sup>th</sup> maiden flight of this plane. And guess what? She flew great!!! Fast, clean and responsive. This is one 90's plane that took 20 years to get flying properly!



Rick and Fernando getting the Lear Jet ready



Finally a proper maiden flight

## Links

- Some great action at [this airshow in Missouri](#)
- Check out this monster scale [55% Scale RC YAK 54](#)



## Meet The New Editor

-By Bryan Dyck

Hi everyone! My name is Bryan Dyck and I now will be serving as the editor for the Flightline. I got started in the RC hobby well over a decade ago, but took a large break due to commitments to school, life, etc. I just recently got back into the hobby in 2014 and am really enjoying it.

I grew up in the small town of Hudson Bay, SK approximately 350 km NE of Saskatoon. During my elementary and middle school years, I used to spend hours playing with various things that flew...From balsa rubber band airplanes, to model rockets, to a 0.049 nitro Cox helicopter that my dad and I found at Liquidation World, I was always into making things fly.



After Getting my A-Wings Last Summer

In 2002, with guidance from a family friend who built and flew RC airplanes, I purchased my first RC: A Sig Kadet LT-40 kit and OS .46 nitro engine which I subsequently built over the next winter. That spring, the same family friend taught me how to fly.

It didn't take long for me to get a little too confident though. In the summer of 2003, I took my dad out to the field to show him my recently acquired flying skills. Although I had never flown solo before, I figured I knew what I was doing...nope! With spirits low, I loaded the mangled pieces of that Sig Kadet into the vehicle. I had learned my lesson and decided to build another LT-40 from scratch. The second one, completed in 2004, is still in my hangar today.

In 2005 I graduated high school and went off to university at the University of Saskatchewan where I studied Chemical Engineering. During my time at university I didn't have much time (or space in my accommodations!) to do much building but I was able to scratch my RC itch by putting in some hours on a Realflight G4 simulator and flying the odd foamy park flyer purchased on eBay. In 2010 I graduated from university and started working a 7 days in 7 days out rotation with Cameco.



My Midstar 40 before its maiden flight this spring

After purchasing a house in 2012, I finally had some space to store my nitro plane and start building again, but alas I had a girlfriend (Elizabeth) in Brandon, Manitoba leaving me with little time. She was worth it though! I moved to Saskatoon in 2013 at which time I finally got around to being serious about RC again.

Over the winter of 2013/2014 I started building my second (third technically!) nitro plane, a Sig Midstar 40. The next summer I brought my old LT-40 out of retirement and joined HCRCC.

I look forward to being involved in the club and meeting more of the membership. Please feel free to pass along stories and articles to me at [bryan.m.dyck@gmail.com](mailto:bryan.m.dyck@gmail.com). Happy flying!

## **Upcoming Events**

### **Monday Fun Fly Events**

Mondays June 8<sup>th</sup>, 15<sup>th</sup>, 22<sup>nd</sup>, 29<sup>th</sup>

HCRCC Field

Starting this Monday, June 8<sup>th</sup> and every Monday through September come out and try your hand at our Monday Night Fun Fly Events! We have gathered a prize pool of over \$250 worth of merchandise to be drawn at our annual awards night November 7<sup>th</sup>. See poster on following page.

June 8<sup>th</sup>: Spot Landing

June 15<sup>th</sup>: 2 Minute Flight

### **HCRCC Open House**

Sunday, June 21<sup>st</sup> 1:30 PM – 3:30 PM

HCRCC Field

We are holding our 2015 Open House and inviting the public to come out and see what our club does. We will have static displays, a flight sim, all kinds of aircraft filling the air, introductory flights, and members on hand to tell about this hobby. See poster on following pages.

### **New Pilot Instruction**

Wednesdays June 10<sup>th</sup>, 17<sup>th</sup>, and 24<sup>th</sup> 6:45 PM – Sundown

HCRCC Field

### **HCRCC General Meeting**

Wednesday June 10th following New Pilot Instruction

HCRCC Field





# FUN FLY EVENT

Starting this **Monday June 8** and every Monday\* through September, come try your hand at our **Monday Night Fun Fly!**

**We have gathered a prize pool of over \$250.00 worth of merchandise to be drawn at our annual awards night November 7.**



The Next event, **June 15**, will be:

## **2 MINUTE FLIGHT.**

Starting at **6:30 PM.**

Time will start as pilot calls take off and ends at first touchdown. Closest time to 2 minutes is declared the winner. Each Pilot will be allowed 3 attempts.

**NO mechanical timers allowed.**

Each week we will have 1 fun fly event designed for novice as well as seasoned pilots. No pressure, just come and try your hand at these challenges. Any airplane type can participate, electric, nitro, prop or ducted fan. This is a club members event with no entry fee. Regular open flying will continue during the event.

Each participant will receive 1 entry per event. 1st and 2nd will receive additional entries. Draw will be for winners pick at the prize pool. Additional drawings will continue until prize pool has been awarded. Details

on your **HCRCC website**

# Model Airplane & Helicopter Open House



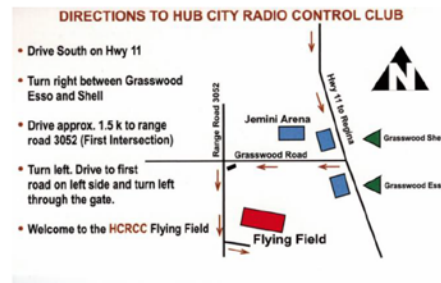
Sunday, June 21<sup>st</sup> - Father's Day!

**1:30pm to 3:30pm**

Open to the Public! Free!

Airplanes, Helicopters, Drones, Introductory Flights!

Come out and see what our Club does for Fun & Excitement!





## May 13, 2015 Meeting Minutes

	<b>Date / Time</b>	13May2015 - 7:10 pm	
	<b>Location</b>	WMCI rm #114	
	<b>Present:</b>	18	
	<b>Written by:</b>	Greg Lock	
	<b>ITEM</b>	<b>ACTION</b>	<b>DATE</b>
1	Call to order		
2	Approval of agenda – Mike D., Jim S.Jr.		
3	Acceptance of last minutes – Rick R., Terry P.		
-	Introduction of new members and visitors – Tim from Melbourne Fire Brigade, Melbourne, Australia – here learning about UAVs.		
4	<b>REPORTS</b>		
4.1	President (Brian K.) <ul style="list-style-type: none"> <li>Just manage our scheduled events: SHAG, Open House, New Pilot Instruction, Theme Mondays</li> <li>Nothing to report outside the club.</li> </ul>		
4.2	Vice-President (Greg L.) <ul style="list-style-type: none"> <li>Report - none.</li> </ul>		
4.3	Financial (Rick R.) <ul style="list-style-type: none"> <li>Rick presented the financial report to those in attendance. A motion was made and 2nded to accept the report as presented. Voted, passed.</li> </ul>		



4.4	<p>Secretary (Greg L.)</p> <ul style="list-style-type: none"> <li>Report – memberships have been entered into the website, so we are all current. Note that I was unable to enter members that did not provide an email address.</li> </ul>		
4.5	<p>Field (Duncan C.) Not here.</p> <p>Old field business</p> <ul style="list-style-type: none"> <li>Field clean-up event – this was reported in the May-11<sup>th</sup> Flightline.</li> <li>Purchased spare set of blades for big mower?</li> <li>Fabricate safety cages for heli pilots (pilot stations)?</li> <li>Renting of porta-potty (complete)</li> </ul> <p>New field business</p> <ul style="list-style-type: none"> <li>Field access update?</li> <li>Garbage management?</li> <li>Anything else? Jim Smith Jr. ordered a MAAC windsock. Upon arrival, he will donate it to the club.</li> </ul>		
4.6	<p>Flightline (Brian K.)</p> <ul style="list-style-type: none"> <li>Neil N. is over committed and has to resign. Brian K. has agreed to reassume Flightline editor role (for time being).</li> <li>Everyone get there May issue of the Flightline? (issued May 11<sup>th</sup>) Yes.</li> <li>Next issue June 8<sup>th</sup>.</li> </ul>	Brian K.	
4.7	<p>Website (Greg L./Howard M.)</p> <ul style="list-style-type: none"> <li>Spam e-mailers blocked</li> <li>Website walk-through at end of general meeting – hold off on this until June meeting (make way for Doug G. UAV presentation)</li> </ul>	Howard,	



4.8	PR (Mile D.)			
	<ul style="list-style-type: none"> <li>Darren S. has agreed to Mike Dolan taking over role of PR. Mike has accepted PR chair role.</li> <li>Mike is working on a Monday night event for Fire, Police, and Media participation. Get them out to the club. Do an appreciation day for this group where we have them come out and we teach them how to fly.</li> <li>Brian K. has 4 remaining hats for sale which he will bring to the New Pilot Instruction event on Wednesday, May 20<sup>th</sup>.</li> </ul>			
4.9	Wings & Safety (Howard M.)			
	<ul style="list-style-type: none"> <li>Right now am posting a flight instruction document to the website.</li> </ul>	Howard		
4.10	New Pilot Instruction (B. Korchinski)			
	<ul style="list-style-type: none"> <li>May 20<sup>th</sup> start date</li> <li>Brian K. will contact instructors.</li> <li>Greg to add slides to Express Hobbies display to advertise New Pilot Instruction – the slide show is prepared and the disk will be loaded into the digital picture frame at Express Hobbies right away.</li> <li>Mike D will start this off with a rocket launch (G-engine)</li> </ul>			
5	OLD BUSINESS			
5.1	Theme Monday's			
	<ul style="list-style-type: none"> <li>Update on event planning?</li> <li>Rick talked about some of the different events and how we could encourage participation. Possibly use a point system/raffle for a prize at the end of the season.</li> <li>Runs from June till Sept – 14 Monday nights – one event per Monday night.</li> </ul>	Rick R. / Mike D	On-going	

5.2	<b>SHAG (May 29-31<sup>st</sup>):</b> <ul style="list-style-type: none"> <li>Volunteer list (so far): Greg L./Brian K. (kitchen), Terry J. (flightline)</li> <li>Colten E. will gather sponsors and registration of pilots.</li> <li>See <a href="http://shag.heliaddiction.com/">http://shag.heliaddiction.com/</a></li> <li>Concession to be open Saturday &amp; Sunday 12 till 1:30</li> </ul>	Brian K.	On-going
		Colten E.	On-going
		Brian K.	On-going
6	<b>NEW BUSINESS</b>		
6.1	<b>Open House event (June 21<sup>st</sup>, 1:30-3:30 - Father's Day)</b> <ul style="list-style-type: none"> <li>Greg L. is organizer</li> <li>Estimate 5 volunteers to run it: <ul style="list-style-type: none"> <li>2 situated at display tables to engage the public (flight sim on one table)</li> <li>1 to escort people through the pits</li> <li>2 to provide introductory flights.</li> </ul> </li> <li>Will draft a schedule of flight activity - need pilots to fill air with all kinds of flying things.</li> <li>Cold pops available in pit area (no concession)</li> <li>Event has been approved by MAAC.</li> <li>Event &amp; poster are now posted on our website.</li> <li>Mike D. will take a poster to Express Hobbies in the near future.</li> </ul>	Greg L.	On-going
6.2	<b>Phoning tree</b> <ul style="list-style-type: none"> <li>Brian K. has rounded up 6 volunteers so far (Brian K. will bring list to mtg). Aiming for 10. Still need chairperson.</li> </ul>	Brian K.	On-going
6.3	<b>Pylon Race</b> <ul style="list-style-type: none"> <li>Jeff Martin has submitted application for CPPRA race in August.</li> </ul>		



6.4	<b>Jim Smith Life-time Membership</b> <ul style="list-style-type: none"> <li>• Richard M. presented our clubs most prestigious honor, a lifetime membership, to Jim Smith Sr.</li> <li>• Richard's presentation mentioned many of the ways Jim contributed to the club over the last 40 years...</li> <li>• Jim showed us a couple of photos and talked about some of his experiences in the hobby...</li> <li>• Brian to contact Craig E. re: putting this in next MAAC mag.</li> </ul>		
7	<b>ADJOURN</b> - Rich M., Mike D.		
8	<b>Show &amp; Tell</b> <ul style="list-style-type: none"> <li>• Doug G. UAV presentation</li> <li>• Doug spoke about how the RCMP introduced this as a pilot project into Saskatchewan in 2011. He spoke of the many rules and regulations that must be followed.</li> <li>• There are several different types of UAV's in use by the RCMP, and they currently have 18 UAV's in Saskatchewan. They are primarily used for search &amp; rescue, emergency response, major crimes, and collision investigation.</li> <li>• Fitted with various camera equipment, they are able to give a different and enlightening view. Couple this with leading edge software, and high resolution photographs can be stitched together to cover a large scene in great detail, or can map a 3 dimensional view, or can read heat signatures.</li> <li>• Doug's presentation contained actual recorded footage showing how these tools were used to perform various tasks.</li> </ul>		
		<p>Jim Sr. shared some great stories going back to when he was building rubber powered planes as a child. Interesting!</p>	<p>Jim Sr. receives a Life-Time membership from club president Brian Korchinski for his many years of service to the HCRCC.</p>