



## *Royal Canadian Air Force Association* *RCAF 441 (Huron) Wing* *Newsletter – 2<sup>nd</sup> Quarter 2019*

Vol 3 Edition 2



### 1. RCAF Mission Statement:

The Royal Canadian Air Force Association is a national aerospace and community service organization to: commemorate the noble achievements of the men and women who have served as members of Canada's air forces since its inception; advocate for a proficient and well equipped air force; and, support the Royal Canadian Air Cadet programme.

### 2. Guest Speakers:

Our Wing has been very fortunate to have outstanding guest speakers at our meetings. In February, Lt Seattle Tobin-Green spoke about her experience while on deployment during Operation PRESENCE in Mali, Africa. The core mission is to provide MINUSMA with the 24/7 capability to medically evacuate UN forces by air. CAF members are also supporting MINUSMA headquarters. In March, LCol Gabriel Doré, Commanding Officer of the Regional Cadet Support Unit (Central) gave us a strategic overview of the Cadet program from the perspective of the Canadian Armed Forces. Many of our Wing members went through the Air Cadet program.



Lt Seattle Tobin-Green, Feb 2019



LCol Gabriel Doré, CO RCSU (C)

### 3. Key Dates for the 441 (Huron) Wing Calendar:

- 27 Apr – Annual Charter & Awards Dinner at the Legion.
- 05 May – Battle of the Atlantic Parade,
- 14 May – Wing Meeting at the Legion
- 17-19 May 2019 – 70th Annual Ontario Group Convention in Kingston.
- 1 June – Wing Annual Report – Part 2 due
- 08 June – Annual Review 102 (Silver Fox) RCAC Sqn at Dyte Hall, Borden, 1245 hrs.
- 11 Jun – Wing Meeting at Legion
- 11 June – Annual Review 714 (Wasaga Beach) RCAC Sqn
- July – August – Summer Break
- 09 Sept – Battle of Britain Flag Raisings – Barrie and 16 Wing
- 10 Sep – Battle of Britain Flag Raising at Barrie City Hall at 1000 hrs
- 10 Sep – Wing Meeting at the Legion

15 Sept – Battle of Britain Parade at 16 Wing, Borden

4. 61<sup>st</sup> Charter and Awards Dinner:

On Saturday, 27 April, 2019, our Wing held its 61st Charter and Awards dinner at the Barrie RCL, #147. Our Wing members from the Edenvale Aviation Heritage Foundation (EAHF) brought a 1/12<sup>th</sup> scale model of the Avro Arrow as a conversation piece for the dinner. It looked great. Thank you to Murray Conley, Bob Coxon, Wally Capsticks, Sandy Ellis, and Ray Raaflaub for all the work that they did to enhance our dinner.

After a delicious roast beef dinner, that was prepared by the Legion's Ladies Auxiliary, our Central Region Vice-President, Brenda Lynn Rice-Wilson spoke about her role in the Association and all of the volunteering that she does to promote Veterans circumstances in Canada. She was followed by our Guest Speaker, Colonel Pascal Godbout, CD, WComd 16 Wing, who spoke about 16 Wing's 25th Anniversary.



Joan Muir receiving her 10 year pin



Lloyd Jensen receiving his 35 year pin

Our Regional VP Brenda Wilson then presented the Years of Service Pins to Joan Muir (10 years) and Lloyd Jensen (35 years). Other members who were due to receive their milestone pins were Peter Brownlee & Jim McPhee (5 years), Isabella Johnston (15 years), Bill Coyle (20 years), Neil Anderson and Ken Stacey (25 years), Eugene Kus (30 years), and Ted Stenton (35 years).

Our Wing Vice President Tom Carney then handed out the 441 Wing Member of the Year Award to Murray Conley for his outstanding support to the Wing concerning the organization of the Battle of Britain Parade and Flag Raising at Barrie City Hall, his



work with the EAHF, the Edenvale Classic Aircraft Foundation, pursuing charitable status for the Wing, and several things that he has done for us. President Bill then



Wing Member of the Year  
Murray Conley



Wing Award of Merit  
Bob Coxon



Wing Award of Merit  
Jim Purchase

presented Barbara Twaddle with an Award of Merit for her her long and dedicated support of Ad Astral Place for the past 25 years as its Tenant Representative, Secretary, and Secretary-Treasurer. He then presented a Wing Certificate of Appreciation to 102 Sqn Cadet WO2 Everett Horner for his excellent support to our Wing members over the past year. Vice President Tom then handed out Wing Awards of Merit to Bob Coxon, Jim Purchase, and Major Andrea Sloan. All three members have provided dedicated support to the Wing in many ways throughout their lengthy membership with our Wing.



Wing Award of Merit  
Major Andrea Sloan, CD



Wing Award of Merit  
Ms. Barbara Twaddle



Certificate of Appreciation  
WO2 Everett Horner

Congratulations and well done to all of our award winners. Very well deserved. Thank you as well to the many Wing members who helped make this dinner the success that it was: the Honours and Awards Committee of VP Tom Carney, Andy Galton, and Mark Tobin, the EAHF members, plus Jim Purchase, Andrea Sloan, and Gerry Peppler.

5. Increase of Dues for 2019-20: As noted in a report from the RCAF Assoc National AGM from 10-13 Oct 2018, the portion of the dues paid will be increasing by \$8.00 per person for National and Ontario Gp dues. The National dues will be going up by \$5.00 and the Provincial portion will be going up by \$3.00 next July for the 2019-2020 dues, as voted on at our Wing and at the Regional meeting. As a result, the Directors agreed on the following rates for next year's dues:  
Single membership: National \$54, Ontario Gp \$8, and 441 Wing \$8; for a total of \$70.  
Dual membership: National \$88, Ontario Gp \$8, and 441 Wing \$4; for a total of \$100.  
It was realized that the Wing's share of a dual membership was less than the single rate, but the figure allowed the total to be rounded to an even number that was acceptable to the Directors. This is the first increase since 2003.

The National level of the RCAF Association has commissioned a special the five-year single membership that is currently discounted from \$270 down to \$228. You may not want to miss this special discount offer - every Regular member is eligible - Wing or MAL! Let Andrea know if you wish to take advantage of this rate for the National Portion of your dues. The Ontario Group and Wing portions would be multiplied by 5.

6. Wing Elections:

At our April meeting, forms were handed out for nominating members for the Board of Directors for FY 2019-2020. Elections will take place at our May meeting. Secretary Jane Coxon will be handing out the ballots for members to vote during the General Meeting. There is still time to volunteer for the BoD or to nominate someone. The form is at the end of this Newsletter.

7. SCAW Charity Work in India:



Wing member Joep Dening travelled to India from 7 - 22 February, 2019 with the Canadian Charity "Sleeping Children Around the World". They handed out 7,000 bedkits to needy children in the remote parts of Karnataka province. Accolades are in order to all the Rotarians who hosted the 13 distributions, their hundreds of volunteers, and the Canadian Team of travelling volunteers. Their superb driver Shekher who skillfully drove over approximately

3000 kilometres. Most of the children came from the outlying villages, the farthest being 75 kilometres away. It was Joep's privilege to hand out the bedkits today to the smiling, overjoyed children and he knows they will all enjoy a good night's sleep.

8. Tales of CF-101 Voodoo Operations at RCAF Station Uplands 1962  
by Peter Levedag

In 1961 the RCAF acquired 66 CF 101Bs from the USAF. Members of 425 Squadron took CF101 Training in the US and returned to RCAF Station Namao to be the Operational Training Unit (OTU), to teach the rest of us how to fly the Voodoo. 410

Squadron was trained first and was operational and holding Alert in Ottawa by Christmas 1961.

In the Spring of 1962, three CF 101B Voodoo squadrons began operating out of RCAF Station Uplands (co-located with Ottawa International Airport). Two squadrons, 414 and 416, began operations there while their home field's main runways in North Bay and Chatham were extended to 10,000 feet, that length having been established as the standard for Voodoo operations. Uplands, the home of 410 Squadron, already had a 10,000 foot runway 32/14. It was a noisy place.

Everyone was excited about flying this supersonic aircraft with its amazing acceleration, climbing capability, roomy cockpit, roll rate and high take off, approach and landing speed (let alone its Fire Control System and weapons).

The Voodoo's weight gave the aircraft a momentum that was difficult to dissipate on landing by wheel brakes alone and so the aircraft came equipped with a drag chute to be deployed on landing and an SOP (Standard Operating Procedure), that required the aircraft nose to be raised after landing to provide aerodynamic braking down to about 110 knots.

If however one had to abort a takeoff, or made a long landing, it could be difficult to stop the aircraft by the end of the runway. If an approaching aircraft had an emergency or the runway had been damaged or restricted in use of its full length, a short landing roll might save the day (known as an approach end engagement). So it was determined to equip all Voodoo bases with arrestor gear. Arrestor gear is a mechanical system used to rapidly decelerate an aircraft after it lands. Runway arresting cables span a runway surface and are engaged by the aircraft arresting gear hook. (Cables are typically 2.5 to 3.2 cm in diameter and suspended 3.8 to 7.6 cm above the runway surface). The Voodoo came with a tail hook after all.

To avoid damage to small wheeled aircraft, aircraft with gravel deflectors and general wear and tear to tires, runways not exclusive to military flying would need a remotely controlled retractable cable. This required a groove cut across the runway in which the arresting cable rested until the aircrew called upon the Tower to raise the cable. Special springs then raised the cable above the level of the runway. It was determined that the cable should be placed 1500 feet from the end of the runway. Just to make sure all this would work effectively it was decided that some tail hook engagement trials would be necessary. Of course this would be taken on by crew of the home squadron 410. So over several days, when the long runway was not too busy or when the other runway was in use, a 410 Squadron crew would accelerate down the runway, drop the tail hook, at predetermined speeds to see whether the tail hook would engage the arresting wire.

The Voodoo tail hook is a very heavy robust piece of iron at the end of a steel spring bolted to the fuselage and tucked between the afterburners nozzles. When released the tail hook sprung down with great force and would have been lethal to anyone underneath.

The trials did not go well over all speed ranges. Catching the wire seemed to be a hit or miss affair. Bright minds were applied to the problem. It was determined that the nose wheel or main wheels passing over the wire caused a wave in the wire whereby the hook passed over the wire while it was at its nadir in the groove. The solution seemed to lay in changing the distance between the raising springs or adding to the

number of raising springs for the wire which hopefully would change or obliterate the wave caused by the passing of the wheels. This became a trial in progress.

While in progress, it happened (and why is another story), that my pilot aborted our take off just before raising the nose wheel, at about 150knots, didn't raise the nose wheel to take advantage of aerodynamic braking and tried to brake using the wheel brakes alone. We weren't slowing down much. But he dropped the tail hook while I was yelling at him to deploy the tail chute (I may have forgotten about the tail hook as he had about the tail chute). I had a vision of us careening around at the end of runway 32 on to the old short runway 35 and, after making a Voodoo cross section silhouette in the big checker board sign at the end of 35, ending up on the Hunt Club Golf Course.

But fortunately that was not to be and the hook engaged the wire. It was the smoothest deceleration I can remember. We pulled the wire barrier out 1050 feet (max was 1500 feet). We were going about 110 knots at engagement. Later we heard we were the first successful engagement at that speed.

9. RCAF Technicians make Winning Impression at Aerospace Maint Competition  
**RCAF Association News Article / April 18, 2019** by Major Holly-Anne Brown

Royal Canadian Air Force air maintenance technicians know all about pressure. They know that Canadian Armed Forces' readiness and the ability to deliver air power whenever and wherever required depends heavily on their ability to maintain RCAF aircraft so that they are ready to deploy on operations at a moment's notice.

This April, the RCAF notched up that pressure by sending five teams—more than 30 personnel—to Atlanta, Georgia, for four days to compete in the annual Aerospace Maintenance Competition, sponsored by the Aerospace Maintenance Council (AMC). The AMC's 2019 competition comprised 30 air maintenance tasks; each one was designed, developed, supervised and judged by a variety of airlines, aviation organizations and industries. The maintainers' skills were challenged in the disciplines of inspection, troubleshooting, repairs and testing. Tasks included wheel and brake removal and inspection, dent damage evaluation on an airframe panel, aileron cable rigging, troubleshooting aircraft power distribution systems and more

Eighty-four teams, representing militaries, civilian airlines, aviation companies, as well as high schools and colleges with aviation programs, were pitted against each other, racing against the clock to follow a prescribed scenario with a detailed set of instructions.

Five RCAF teams competed in Atlanta.

See the full list of all competitors in "[RCAF technicians ready to compete in Atlanta](#)".

- 4 Wing Team, led by Sergeant Dawn Dearing. This team comprised technicians from units belonging to 4 Wing Cold Lake, Alberta.
- 401 "Rams", from 401 Tactical Fighter Squadron, led by Warrant Officer Darryl Poole. 401 Squadron is also located at 4 Wing.
- 19 Wing Search and Rescue Maintenance Team, led by Sergeant Brad Saunders. This team comprises technicians from several squadrons at 19 Wing Comox, British Columbia.
- 435 Transport and Rescue Squadron, led by Sergeant Serena Cross. 435 Squadron is also based at 19 Wing.



- the RCAF “Spitfires”, an all-female team, led by Master Warrant Officer Theresa Nevills. This team brought together women from several RCAF units across the country.
- In addition, RCAF technicians made up four of the five members of Elevate Aviation’s all-women team.

For more of the story, paste this link in your browser.

<http://www.rcaf-arc.forces.gc.ca/en/article-template-standard.page?doc=rcaf-technicians-make-a-winning-impression-at-aerospace-maintenance-competition/ju9y9s0v>

#### 10. Five-Year Countdown to RCAF100:



Many Wing members attended the 95th anniversary of the RCAF at 16 Wing Borden. It was a great evening, enjoyed by all. With the 1st of April, 2019 officially behind us, our RCAF Association's "Five-Year-Countdown to RCAF100" is very much underway.

Five years from now, when the time arrives on 1 April 2024, we hope to be a force front-and-centre, leading the country's air force-focused commemorations of the 100th anniversary of the creation in 1924 of Canada's air force.

Between now and then, National also hopes to learn how you might like to become involved. They need RCAF Association Community Leaders to join their team:

- Are you willing to be your Wing's RCAF100 "Navigator", please send National your contact information;
- If you have fun "blogging", or you are active with social media tools, and you would like to help us with our RCAF Association CMS (Blog-based) website and social media activities, please let us know;
- A national committee is being formed - members of the National Executive Council have participated in two recent RCAF100 idea-sharing meetings - watch for a report in a future issue of Airforce magazine;
- They would like to hear from all of our members, about ideas they believe are worthy of consideration, to commemorate this very auspicious anniversary;

#### 11. Guest Speakers for our Meetings:

09 April	– WW I Movie Night – “They Shall Not Grow Old” by Peter Jackson.
27 April	– Charter & Awards Banquet – Col Pascal Godbout, WComd 16Wg.
14 May	– Col (ret’d) George Zvanitajs – Former CF Attache to China
11 June	– No Guest Speaker – Installation of the new Executive.
10 Sept	– Tom Carney – Battle of Britain.

If you, or someone you know, would like to talk about a subject that would be of interest to our members, please speak with one of our Directors.

#### 12. Contact Information:

Mail: Box 324 Barrie, ON L4M 4T5  
 E-Mail: < rcaf441wing@gmail.com >  
 Telephone: 705-481-1453 (messages only)

13. Wing Executive (2018-2019):

POSITION	NAME	PORTFOLIO(S)
President	Bill Sergeant	Newsletter
Deputy President	Tom Carney	Chair Honours & Awards
Past President	Bob Coxon	Initiation of New Members
Treasurer	Andrea Sloan	Membership Chair / 16 Wing Liaison Officer
Secretary	Jane Coxon	Special Events / Scout Group Liaison
Director	Art Cameron	
Director	Gerry Pepler	RCAF Ad Astral Chair Board
Director	Murray Conley	Director of Ceremonies
Director	Jim Purchase	Sick and Visiting
Director	Stan Bieniawski	
Director	Norm Marion	Public Relations / FaceBook
Director	Joep Dening	Wing Web Master
Director	Wally Capsticks	
Director	Andy Galton	Veterans Groups Liaison / H&A
Member	Sherry Tobin- Green	RCACS Liaison for 102 Silver Fox Sqn and 714 Wasaga Beach Sqn
Wing Padre	Rev Doug Crocker	

14. **441 (Huron) Wing Statement of Acceptance of Nomination for 2019-2020**

As nominations for Executive/Directors normally take place at the April General Meeting it would give us a heads-up to see what a members intentions are for the coming period by submitting this acceptance form. The Elections normally take place at the May General Meeting with the new Executive/Directors being installed at the June General Meeting. Also bear in mind nominations can be made from the floor with the nominated person either present or this form of acceptance signed by the nominee and submitted to an attending member for presentation at the nomination meeting. As per Art.13-b of our By-Laws any Regular Member who has served as a Director for one full year is eligible to stand for election to the offices of President, 1st Vice-President or 2nd Vice-President. The offices of Treasurer and Secretary are normally filled by members who feel qualified and are willing to fill the post.

With that bit of information the following statement would read:

I, \_\_\_\_\_ will accept nomination for the position of \_\_\_\_\_ on the Executive.

I, \_\_\_\_\_ will accept a nomination as a Director.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

If you wish to be a Director or would like to nominate someone, please use this form and bring it to the 14 May General Meeting for the elections of the Directors and Exec members.