

# 700 (City of Edmonton) Wing

Royal Canadian Air Force Association



# JETSTREAM

Issue 20, December 2019



**Wing Reflections**

This issue of the 700 Wing Jetstream reflects on the Remembrance Day, Battle of Britain Parade and a Biography of Alex Richards. Included our tentative calendar for the year.



Next Meeting – Saturday, January 11



## We Continue to Support our Goals & Aims

The 700 Wing is moving into our 71<sup>st</sup> year in 2020. We had a very successful 2019 with one of the highlights, the Commander, 2 Canadian Air Division, BGen Mario Leblanc at our Charter Night.

While continuing to support many activities both for members and other organizations, we have evolved into a Wing with a new governance structure. Following our National office and the Alberta Group we have changed to a Board of Directors model. With seven Directors on the Board (plus additional support positions) our goals still remain the same:

- Support the RCAF's past, present and future.
- Continued involvement with the community and the air cadets.
- Continued support of our veterans and the Kipnes Centre
- Support of the Canadian Air Cadet Museum.

<b>Calendar</b>	
Calendar of events for the 700 Wing upcoming year 2019-2020	.02



<b>Speaker Series</b>	.03
<b>Air Cadet Museum</b>	.04
<b>Remembrance Day</b>	.07
<b>Remembering Alex</b>	.10
<b>Alberta Group Meeting</b>	.11



## Calendar 2019 - 2020

Tentative calendar for planning the upcoming year

### 700 Wing Calendar for 2019-2020

Friday	August 16, 2019	Career Day, Cadets Only
Saturday	August 17, 2019	Airshow, Villeneuve
Sunday	August 18, 2019	Airshow, Villeneuve
Saturday	September 7, 2019	Regular Meeting, 2 PM, Alberta Aviation Museum volunteer lounge
Sunday	September 15, 2019	Battle of Britain Parade, Edmonton Garrison, 10 a.m.
Friday	October 12, 2019	Edmonton Eskimos Pre-Game Party, 2PM, AAMA Volunteer Lounge, depart 4:30PM for Game (TGIS)
Saturday	November 9, 2019	Regular Meeting, 2 PM, Alberta Aviation Museum volunteer lounge plus guest speaker #1
Monday	November 11, 2019	Remembrance Day, 10:30 AM, Alberta Aviation Museum
Saturday	December 7, 2020	Christmas Lunch details in this Newsletter
Saturday	January 11, 2020	Regular Meeting, 2 PM, Alberta Aviation Museum volunteer lounge Speaker Series #2
Saturday	January 25, 2020	Robbie Burns Day, Kipnes Centre, details to be announced
Friday	February 7, 2020	TGIF – 4 PM - late, Alberta Aviation Museum volunteer lounge (tentative)
Saturday	February 15, 2020	TGIS – 2 PM - late, watch Oilers game in the office (tentative)
Saturday	March 14, 2020	Regular Meeting, 2 PM, Alberta Aviation Museum volunteer lounge Speaker Series #3
Saturday	March 28/April 4	RCAF Dinner / Charter Night, details TBD + Speaker
Saturday	May 7, 2020	Stone Laying Ceremony, Thursday, 7PM AAMA Parking Lot, social after in museum
Sunday	June 14, 2020	Annual General Meeting and Last Lunch Alberta Aviation Museum volunteer lounge

Regular Meeting dates: 2 p.m. Meeting; 4 p.m. Speaker; 5 p.m. Dinner

### 700 Wing Executive

#### 2019 - 2020

#### BOARD OF DIRECTORS

Chairperson	David Jackson
Vice-Chairperson	Tom Sand
Treasurer	Nick Nimchuk
Membership	Sylvia Loewen
Secretary	Linda Forbes
Communications	Brian Andrus
Director at Large	John King

#### APPOINTMENTS

Immediate Past Chair	Erwin Loewen
Chaplain	Ray Olsen
Aviation Memorial Chair	Sylvia Loewen
Casino Chair	Brian Andrus
Regalia	Bert Radford
Air Cadet Liaison	Dawna Morgan
408 Sqn Liaison	John King
Memorial Garden	Joe Twyman
GM Air Cadet Museum	Tom Sand
Kipnes/Veterans	Bob Whitley
EAHS/AAMA Liaison	Bart West
Battle of Britain Parade	vacant

#### Website/

Memorial Database vacant

[www.facebook.com/700wing](http://www.facebook.com/700wing)

[www.700wing.ca](http://www.700wing.ca)

Special Thanks to Our Editors  
Sylvia and Erwin Loewen  
Published by Brian Andrus

### Next Regular 700 Wing Meeting

- Saturday, January 11, 2020 at the Alberta Aviation Museum Time: 2:00 p.m.



# Speaker Series - "Remembering Combat Pilots of Two World Wars"

**SPEAKER SERIES** – John Chalmers. November 9, 2019  
 "Remembering Combat Pilots of Two World Wars,"  
 About Roy Brown, Red Mulock and David Fairbanks.



At the Wing's latest meeting on November 9, 2019, we were privileged to have Mr. John Chalmers join us as our Guest Speaker for our Speaker Series. John has a Bachelor's and a Master's degree in Education. After a diverse career that included jobs in teaching, communications, and educational technology, John followed his passion for history and aviation. He became a member of the Alberta Aviation Museum's Board of Directors for five years and then took on the role of Historian for Canada's Aviation Hall of Fame for an additional 10 years. A lifelong photographer and a widely published author, John brought the stories of three pilots who were all inducted into the Canadian Aviation Hall of Fame during his watch as historian.



Roy Brown was a WWI pilot who led a squadron in the Royal Flying Corp and was a good friend of Edmonton pilot Wop May, who were both involved in the shooting down of the infamous German ace, the Red Baron. John first told the very entertaining tale of how he worked with an 11 year-old girl from Roy's home town in Ontario to have him recognized for his place in history there as well as where he is buried in Toronto, and eventually to be added to the Canadian Aviation Hall of Fame.

Red Mulock also served in WWI as a pilot but with the Royal Naval Air Service, until it and the Royal Flying Corp merged to form the Royal Air Force. He became a fighter ace but pioneered several areas in combat air services and was honoured several times for his great leadership.



David Fairbanks was an American who joined the RCAF in 1941 and during the war was credited with 15 aerial victories. After the war he joined de Havilland Canada and contributed much to the success of several de Havilland aircraft.

John knew some of our members and it was a bit of an "old home week" for him with us. We very much look forward to bringing John back for additional entertaining tales in the future!!







By Tom Sand

Heritage is that which society inherits from the previous generations and deems worthy of taking special measure to preserve for future generations, including our tangible and intangible cultural and natural heritage. The Royal Canadian Air Cadet Program has a rich heritage that is not only linked to the history and heritage of aviation in Canada but the history and heritage of Canada as a country. It is important to preserve and interpret this heritage in a meaningful way. This means serving and attracting audiences with relevant and engaging interpretation of the Air Cadet Program.

Heritage interpretation must offer visitors something that is beyond the simple communication of information – it must enrich visitors' lives with meaningful experiences that engage them with the information and stories. A key task of the interpretation is to define significant stories. In the context of heritage resources, "significance" refers to that eclectic mix of artifacts, documents, and culture that, together, speak to the contribution of the Air Cadet Program and its graduates to aviation and to Canada. The Royal Canadian Air Cadet Museum will ensure that the collection of significant resources, and the stories they communicate, are preserved and interpreted to serve and attract future audiences.

Preservation is only part of the picture. Artifacts are not preserved as ends in themselves, but because they have meaning. Making meaning is the business of interpretation and a major strategy for engaging Canadians in their heritage. The key challenge of interpretation is to reveal to visitors why the Air Cadet Program artifacts should be interpreted or why they matter. This ideal is to engage and involve Royal Canadian Air Cadet Program Alumni, currently serving cadets and citizens, in the Royal Canadian Air Cadet Program's heritage, to ensure an involved constituency for the future.



Activities continue to formally re-establish an Air Cadet Museum. The Board of Governors of the Air Cadet League of Canada will be briefed on the proposed strategy on December 6th, 2019. The proposed Heritage interpretation is outlined below. It is crucial that the interpretation be responsive to the visitor market, and their wants and needs so that Canadians will be encouraged to become more informed about the Air Cadet Program heritage, and therefore more effective advocates. Good interpretation also makes good educational, sense.



### Proposed Mission

To preserve, interpret and present to the public the continuing history of the Royal Canadian Air Cadets.

### Proposed Vision

The authoritative source for information on the history of the Canadian Air Cadet program showcasing the lasting and positive impact of the Royal Canadian Air Cadet program on Canada.

### Proposed Strategic Objectives

1. Tell the story of the Royal Canadian Air Cadets
2. Promote and encourage public awareness of the Air Cadet Program/Movement by collecting, preserving and displaying Air Cadet artifacts and interpreting their significance
3. Be the repository of Canadian Air Cadet History and a resource for researcher and historians;

## Proposed Main Interpretive Theme - “Building foundations for success”

Generations of young people with a passion for aviation and adventure have been enjoying the range of opportunities offered by the Royal Canadian Air Cadets. Cadets is a great way for youth to learn more about Canada, make new friends and develop life skills that will enable them to succeed no matter what career they choose. The Royal Canadian Air Cadet’s heritage of a lasting and positive impact on Canada has given anyone who has been or is an Air Cadet a strong sense of identification with its goals, objectives and history. The exhibits explore the history of the organization and the exciting activities and training undertaken by Air Cadets today under the main interpretive theme “building foundations for success”.

### Sub Themes

#### *Leadership*

Cadets develop valuable life and work skills, such as teamwork, professionalism, mutual respect, integrity, and leadership.

#### *Citizenship and Community Service*

Cadets are encouraged to become active and responsible members of the community, by contributing to environmental, citizenship, and community activities.

#### *Personal Fitness and Healthy Living*

Cadets develop an understanding of the benefits of a healthy lifestyle. They also participate in fitness activities, which teach them to play fairly and enable them to take on new challenges.

### *Aviation and Aerospace*

Cadets develop an understanding and practical experience with the fundamentals of aviation, including meteorology, principles of flight, propulsion, air navigation, civilian, military and air cadet aviation opportunities, aviation history, and basic airmanship. Selected Cadets have the opportunity to obtain a Transport Canada (TC) Glider Pilot License and Air Cadet Glider Pilot Wings and/or a TC Private Pilot License and Air Cadet Pilot Wings. Selected Cadets have the opportunity to further develop an understanding and practical experience with the fundamentals of aerospace, airport operations and aircraft manufacturing and maintenance and inspire them to pursue specialist training in some or all of the subject areas.

### Topics

The Royal Canadian Air Cadet Program can be viewed through a variety of lenses (topics). They include the ones listed alphabetically below.

- Aircrew Survival
- Air Cadet Gliding Program
- Aerospace
- Aviation
- Aviation Technology
- Biathlon
- Cadet (summer) Training Centres
- Citizenship trips and tours
- Community Service
- Duke of Edinburgh Award program
- Effective Speaking
- First Aid
- Fitness and Sports
- International Air cadet Exchange (IACE)
- Leadership and Instruction
- Local Headquarters Training (Squadron level)
- Marksmanship
- Music





## 408 Squadron Change of Command



This past July 11, 408 “Goose” Squadron said goodbye to their Commanding Officer, Lt. Col. Chris “Morty” Morrison, CD, after two years in Command and hello to their new Commanding Officer, Lt. Col. David Forbes, CD. Several 700 Wing members were on hand for the Change of Command ceremony. Reviewing Officer BGen Sean

Boyle, OMM, MSC, MSM, CD, had great words of praise for both the outgoing and incoming COs. At the conclusion of the parade and to help show the great integration between tactical helicopter operations and the Army, Morty and his family boarded an Army LAV to leave the parade square.

700 Wing salutes Lt. Col. Morrison on his departure and wish him, Megan and their children all the best with their new home in Winnipeg. We also look forward to getting to know Lt. Col. Forbes and ensuring he knows we are here to support him and 408!



Pictured L to R: CWO Parent, BGen Boyle (Deputy Comd 1CAD), LCol Forbes, Immediate Past Chairperson Loewen (700 Wing RCAFA)

## Presentation to the Alberta Provincial Committee

Funds for a glider – 700 Wing donated \$6,000 toward the purchase of a glider for the Alberta Provincial Committee. This will provide additional opportunities to support the familiarization flying and training for the air cadets in the province.

Photo supplied by Brian Lewis



Brian Andrus presents to Rhonda Barraclough a cheque for \$6,000.00



Brian Andrus meets BGen Mario Leblanc, Commander, 2 Canadian Air Division, at the Hayes Breakfast during the Calgary Stampede, July 2019.

## 700 Wing Chaplain

- **Ray Olsen** has agreed to be our Honourary Chaplain and is a very valuable member of our team, especially for events like Remembrance Day and Battle of Britain. Ray is available for weddings and funerals and is experienced in non-denominational services.
- Ray can be reached at: 1-780-720-1386, email: [bowditch@telusplanet.net](mailto:bowditch@telusplanet.net)
- Our friend, the Alberta Aviation Museum, is also available for bookings to host weddings, funerals, and other important life events.
- Please contact the Executive Director, Jean Lauzon, at 1-780-451-1175 or [jean.lauzon@albertaaviationmuseum.com](mailto:jean.lauzon@albertaaviationmuseum.com)



## Remembrance Day 2019

700 Wing once again hosted Remembrance Day Services at the Alberta Aviation Museum with assistance from the Museum and from both 504 Blatchford Field and 12 Edmonton Squadrons, Royal Canadian Air Cadets. Over 400 people filled the Parade Square to watch the march on of the Veterans Flight along with the two Cadet Squadrons. **Lieutenant-Colonel Thomas Bradley MSM, CD**, provided the testimonial for the service, talking about the incredible way that the people of the Netherlands continue to remember, even today, the Canadians that sacrificed all to help liberate the Dutch people from the Nazis in the last days of World War II. Our Wing Chaplain **Ray Olsen** provided the sermon and we once again showed the “In Flanders Fields” video produced for last year’s 100th anniversary of the Armistice.



This was followed by over 20 wreaths being laid by military, cadet, service club, individual memorials, and other organizations. The audio-visual services provided by Vincent Henry A/V and Findlay Productions, augmented by museum volunteers, made it the best produced version of the service to date.



Afterwards, the Wing hosted a light levee in the Museum Volunteer Lounge for Wing members and invited guests.

## The Wing at other November 11<sup>th</sup> Ceremonies

Wing members **Joe Twyman** and **Bernie Sheppard** once again laid a wreath on behalf of 700 Wing at the largest Remembrance Day service in Edmonton (over 6,500 people), held at the University of Alberta Butterdome.

700 Wing was also represented at a service held at the oldest cenotaph in Alberta, and indeed perhaps all of Western Canada, the Beverly Cenotaph in east Edmonton. **Brian Andrus** attended the service there and laid a wreath on behalf of the Wing. The Wing contributed \$5,000 to the cenotaph’s recent refurbishment. Over 4,000 people attended their service this year, despite a very cold morning. Next year the cenotaph will mark its 100th birthday.





## Battle of Britain at 408 Squadron

The Battle of Britain Parade, celebrating the great aerial victory of the RAF over the Luftwaffe 79 years ago, was held on Sunday, September 15, 2019 at 408 Tac Hel Squadron's hangars in the Edmonton Garrison. Once again 408 was a gracious host and the weather cooperated allowing for a fantastic parade to be held outdoors on the tarmac. BGen (Ret'd) Bill Buckham was the Reviewing Officer and regaled us with the tale of those dark days in 1940 when nearly all was lost until "the few," including 100 Canadian pilots, were able to turn the tide against Hitler and his Air Force.



## Poppy Sales - WEM



Sylvia and Erwin at the WEM



Joy and Jim at the WEM

## Marshall Bryant Award



#700 (City of Edmonton) Wing  
RCAF Association  
Marshall / Bryant Award

Its not to soon to think about nominees for the Marshall Bryant Award. Please contact any member of the 700 Wing Executive for more information.

## Coming to an Air Show Near You Edmonton Airshow 2020



Regrettably the Edmonton airshow was cancelled due to the weather. The excessive rain saturated the grounds creating an unsafe condition for spectators and emergency vehicles. There was suppose to be a career fair for cadets as well as an aviation trade show. The good news is, all the performers and static displays will be returning at the 2020 air show except the RCAF Snowbirds. Stand by for more information.

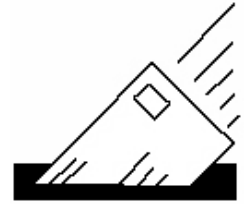






# Renew Your Membership for 2019-2020!

Contact **Sylvia Loewen** at [maxace@shaw.ca](mailto:maxace@shaw.ca)



## Membership

Currently we have 52 active members.

WELCOME to our newest members, **Rhonda Barraclough, Bert Radford, Kevin Robinson and Brent Abbott.**

We may be a small group today, but we are mighty! The success of our Wing is dependent upon the dedication and contributions, big or small, made by ALL our members throughout the year. Whether it's helping a member get to our meetings or special events. Perhaps it's helping out at our Casino, participating in various events such as Robbie Burns at the Kipnes Centre, Poppy Blitz, Remembrance Day

or the Airshow. Maybe it's helping on a committee or engaging in our monthly meetings. However you choose to contribute, know that together we can continue to make our Wing mighty! Please consider how else you can help to support our Wing.

As quoted by Mother Teresa, "I can do things you cannot, you can do things I cannot; together we can do great things."

Per Ardua Ad Astra

Sylvia Loewen

Sylvia Loewen	Membership Chair	Home: 780-473-2406	Cell: 780-996-4836
---------------	------------------	--------------------	--------------------

## Annual Christmas Get Together

Yes, it is that time of year again! Once again, the Wing is getting together to celebrate the holidays. To accommodate those who would rather not be out on the roads after dark, we are having a Christmas Lunch at **11:30 a.m.** this year instead of a dinner. The Chateau Nova Kingsway (159 Airport Road NW), very near the Alberta Aviation Museum, will once again be the venue for our event. Dress is Christmas Festive, or business casual, whichever you prefer. It is not Regalia though. The lunch will be filled with a full dinner-style slate of the great food offered by the Nova so make sure you have a light breakfast at best, if anything at all.



Ticket price is \$50 per person. Please **RSVP no later than December 2** to Sylvia and Erwin at: [maxace@shaw.ca](mailto:maxace@shaw.ca) or 780-473-2406.

There will be a draw for door prizes.

Proceeds go towards our efforts to support air cadets, promote the history and heritage of the air forces, and advocate for a well-equipped air force.

## Wing Member Recognized

**Tom Sand**, Wing member and Past Chair of the Alberta Provincial Committee is acknowledging **Brian Andrus** for his work on the career fair at the Edmonton Airshow. Regrettably the 2019 airshow was cancelled due to the weather. The good news, plans are moving ahead to the 2020 show. Most of the static and performers of the 2019 show will return for the 2020 show. The career fair and trade fair was established to promote the aviation businesses and provide an opportunity for cadets to talk to potential employers in the province.



## Alex Richards

May 11, 1941 - August 2, 2019

Alex was born May 11, 1941 in Lee-On-the-Solent, Hampshire England. He grew up there and in Merthyr Tydfil, Wales as an infant and child. After completing his education in "Lee", Alex launched his career as a civilian with the RAF in Fleetlands Gosport, Hampshire England as an Architectural Draftsman.



In June of 1970, the family boarded the "Alexander Pushkin" in Southampton, England to make the voyage "across the pond" to Canada. After a brief stop in Ontario, the family travelled to Calgary, where Alex joined the Calgary Public School Board as a Draftsman. In the spring of 1972, after Alex accepted a position as a Draftsman with the Department of National Defense at CFB Namao, the family moved to Edmonton.

In 1976, Alex began working for Transport Canada, where he continued to apply his drafting skills in the Electronics Engineering section. Alex eventually transferred to the Airports Group working at the Edmonton International Airport (EIA).

During his time with EIA, he was thrilled to have been assigned the position of Airport Manager at the Villeneuve Airport. Working at Villeneuve was never a chore for Alex as the opportunity allowed him to nurture his passion for the aviation industry and allowed him to enjoy his love of airplanes up close.

In 1995, Alex retired from the Government of Canada. He had the opportunity to meet and work with many great people during his Public Service career. He was well respected and was admired and appreciated by his colleagues.

Alex wasn't done working though. He joined the Corps of Commissionaires and eventually moved on to ATCO Frontec. His job saw him travel between many different locations within the city, but his favorite assignment was at the Municipal Airport. Here he was able to once again mix business with pleasure and again connect with his love of aviation. As time went on, he made one final career change and began working at the Milner Building in downtown Edmonton for Paladin Security as a Security Officer.

Outside of work Alex had built an extensive volunteer "career". He was the CEO of Alex's Taxi of course and was also part of the Community Police Radio Network (CPRN). He was a leader of several youth groups, including Boy Scouts of Canada, Air Cadets, Army Cadets and the St. John Ambulance Brigade Cadets.

One of the most memorable times for both Alex and his family was when Alex earned his rank of Captain and became the Commanding Officer of 504 Royal Canadian Air Cadet Squadron. Alex made numerous friends and became "family" with many of those involved in the squadron. His association with 504 Squadron led him to discover and eventually join No. 700 (City of Edmonton) Wing, Royal Canadian Air Force Association.

Alex was very passionate about his involvement with 700 Wing. From leading the Wing in song during Klondike Days, liaising with the Air Cadet Squadrons sponsored by the Wing, to serving on the Wing Executive, Alex's commitment to the Wing was exemplary. To this date Alex holds the record for the greatest number of years as Wing President (4 terms). One of the challenges he faced as the president, was to find new accommodations at the time when the Wing lost its home, the building currently known as the Chateau Louis Conference Centre behind the Chateau Louis Hotel. Alex didn't have to look far. An opportunity presented itself across the street at the fledgling Alberta Aviation Museum. The Wing partnered with other Aviation organizations to create the Edmonton Aviation Heritage Society and as a member of the EAHS the Wing was given an office in the building, which continues to be the Wing's home today.

Alex's commitment to the Royal Canadian Air Force Association (RCAFA) went beyond just the local level. For several years he served as the VP North representative for the Alberta Group and if that wasn't enough, he also held the position of the 2nd VP on the RCAFA National Executive Committee. For the years of service and commitment to the RCAFA, Alex was awarded the Royal Canadian Air Force Association Membership for Life Award in 2015.

Alex also had a great love of music. He was self-taught and was never without his guitar and harmonica. Alex had many favourite artists, but he LOVED Elvis. Whenever the opportunity presented itself, he would be remiss if he didn't play an Elvis song







on his guitar, singalong and provide the dance moves too, everywhere and anywhere. Alex sang in the church choir for many years, where he was often the musical accompaniment.

He was always eager to sing "Feliz Navidad" at the end of midnight mass on Christmas Eve. It was singing that had him at the Cosmopolitan Music Society, where he met the love of his life Deirdre. Alex and De were, very fittingly, married where they met at the "Cosmo" in 1995.

Alex's Celebration of Life was held on August 24, 2019 at the Alberta Aviation Museum, fittingly on the very parade square that 504 Squadron now meets. Over 150 people attended from across Alberta and along with family from England. We dearly miss Alex, but we will remember him.

Article written by Erwin Loewen and Joe Twyman



## Alberta Group Meeting September 21, 2019, Red Deer

On Sept 21, Alberta Group, comprised of the 5 RCAFA Wings in Alberta (Cold Lake, Edmonton, Red Deer, Calgary, and Lethbridge) met in Red Deer at the ABC Country Restaurant.

The RCAF Association received a grant of \$50,845 from Heritage Canada.

National Association President Steve MacDonnell is still on crutches.

Alberta Group Chair Michael Roy announced that not only was he now on the RCAF Trust committee, he has been added to the National Awards and Honours Committee.

The 75th Anniversary of the liberation of Netherlands will be marked on May 2020. The Board of the RCAF Trust has voted up to \$2,000 for a rep of the Association to travel May 1-10 to mark this event.

Pat Sulek raised questions of a failure to acknowledge the RCAF Association and their Wings at Air Cadet events, citing two examples from her own recent experience. Randy Fisher, in his capacity with cadets, will review and will try to ensure that all future interactions are covered adequately. Any Wings experiencing a lack of recognition and thanks for their work and donations are to contact Michael Roy.

783 Wing in Calgary will hold dining in on November 23rd at the Executive Royal Inn, in Calgary. The cost

will be \$70 and if you want wine at your table, an extra \$15. Everyone is welcome.

700 Wing brought forward two items, one is to pool resources to sponsor an act at the 2020 Edmonton Airshow. The second one is to receive direction from the National Executive Committee on advocacy for the RCAF.

Alberta Group has tried and still does not have a contact officer from the RCAF itself to come to the Alberta Group meetings three times a year and present on the current situation and operations the RCAF is engaged in.



### Alberta Group Members Chairperson of the Alberta Group, Michael Roy



#### Member Wings:

- 700 Wing – Edmonton
- 702 Wing – Lethbridge
- 703 Wing - Red Deer
- 783 Wing - Calgary
- 784 Wing - Cold Lake

