



# ROAR of the Harvard

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March 2016

## President's Report

*By Pat Hanna*



The days are getting longer and the hope of the approaching Spring puts a little more zip in our activities. Although we have had a relatively quiet winter as far as weather is concerned, the volunteers at CHAA have been very busy! The year ahead is filled with promising prospects.

The hearts of the CHAA family are sad as we remember a dear friend, **Ken Arnott**, who passed away on Feb. 19<sup>th</sup>.

Although Ken was 81 years old, he had the heart and enthusiasm of a man much younger! An ardent supporter of CHAA, he served in many ways as a director, secretary, merchandize salesman, public relations point of contact, researcher, educator, fund raiser and FRIEND TO ALL, just to name a few things. Through Ken's hard work and diligence, he helped secure several Trillium Foundation grants that were instrumental in improving our facilities and aircraft. Ken also had a huge heart for his heroes, the Veterans of Sunnybrook Hospital in Toronto. Each year on Remembrance Day, November 11th, the Harvards of CHAA do several fly pasts of the hospital in their honour, a tribute arranged by Ken. He was a kind, caring man with a great sense of humour, a jovial laugh, a twinkle in his eye and a soft heart. He was also professional and articulate when representing CHAA in various meetings. Ken was loved and will be sorely missed from our gatherings. A final



tribute flypast is planned for Ken on March 5th at York Cemetery in Toronto, weather permitting. Our thoughts and prayers go out to his partner, Rosalind (Roz) Holeyton and to his extended family whom Ken loved so much.



It is very unusual to have a Harvard flying in February, but this year we had two Harvards flying! CHAA pilots were honoured to be asked to do a fly over at Pine Hill Cemetery in Scarborough (east of Toronto) on Friday, February 12th. The flyover was arranged as a tribute by the family of **Cpl. Joshua Caleb Baker**, a Canadian soldier who was killed in Afghanistan on February 12th,

2010. Winter weather prevailed and the flyover was postponed until Saturday, February 20th. **Scott McMaster** and **Allan Paige** did the flight in two Harvards on a windy but beautiful day. Special thanks to the hard work of the maintenance team lead by **Shane Clayton**, to get the airplanes preheated and ready to launch on time!

As we look ahead to what the year holds in store, air shows are making a comeback in 2016 after a quiet year in 2015. **Terry Scott**, **Bjarni Tryggvason** and myself attended the NECAS (North East Council of Air

Shows) meetings in Niagara Falls, NY in late January. CHAA's **Melanie Burden**, **Bill Shepard** and **Ken Mist** were also there as part of the CAF Red Tail Squadron. Air show organizers are optimistic that weather permitting, we might have large turnouts at the planned events. Several presentations were made by key people in the industry that were very helpful. We also met with many of the air show organizers and shared information packages that had been prepared by Melanie and Terry. We left very much encouraged that CHAA will be involved this summer. Since then, CHAA has been contracted to take four Harvards to the Quinte International Air Show at CFB Trenton in late June! It's a start!

Longtime Director and Past President **Ray Whittemore** has stepped down as Treasurer of CHAA. Thanks to Ray's business sense, leadership and dedication, CHAA has been debt-free for three years now. As the books are closed on the year 2015, we are still "in the black", but it is a very difficult struggle to keep our fleet of aircraft flying. Each year they get older and there are always new challenges for the maintenance guys to try and solve and the solution always involves money! With Ray retiring, CHAA is really in need of a new Treasurer. If you know someone who might be interested in looking at this position, PLEASE contact me! Perhaps YOU are interested...PLEASE CALL!

Our "new" bookkeeper, **Krista Whitcroft** has finished her second year in that position and with help from Ray and **Torben Haarbye**, is looking forward to the new year. A huge "THANK YOU!" to our Finance Committee!!

The Board of Directors has eleven positions, but currently only eight positions are filled. **Ken Mist** (pictured at right) has been appointed to the Board, effective February 20th. He has been a supporter of CHAA and recently moved to Woodstock from Brampton. He is well known at air shows across North America and we look forward to him being on our team! Would you like to really get involved in sustaining CHAA in the years ahead? Consider a position on the Board of Directors!



2015 was an exciting year as we saw the Yale return to its place on the flight line. It was kept fairly close to home but had flights to Hamilton, Kitchener, and Guelph and was eagerly welcomed by the public. Seven pilots got checked out last year and the Yale was one of the most requested aircraft. However, during its annual inspection this winter, Shane Clayton (with hints from restorers in the US) discovered possible corrosion in the wing attach angles. This is NOT good and it appears that the Yale might have to sit out the 2016 season as funds are raised to repair the wings. Some good news, though -- the Tiger Moth is getting a lot of attention and should be available for most of the 2016 season! It sat out last year awaiting repairs to the landing gear and engine. Volunteers are working hard to get it back in the air!

CHAA's Annual Business Meeting will be held on **Saturday, March 19th at 10:00 AM** in our briefing room at the Tillsonburg Airport. Budgets are being prepared for the 2016 season and a review of last year will also be done.

The Annual Banquet and Fund Raising Auction will be held on **Saturday, April 16th**. Please note the change of location!! The Woodstock Legion building has been sold and we have moved our event to the Tillsonburg Legion. Our special guest this year is **Marc-André Valiquette**, well known author and historian of all things "Avro Arrow"! Please plan to attend...Tickets are available from **Jeannette Rooke**. More info is contained in this edition of The ROAR.

Finally, please keep an eye on the CHAA website, [www.harvards.com](http://www.harvards.com). Director Terry Scott is heading up an enthusiastic team along with **Walther Irie** and **Andrew Muhtar** in revamping the website to make it more informative and user friendly. You will be impressed! There are also lots of events going on, so please watch for the monthly bulletin "Harvard Happenings" which is prepared by Sandra Sparkes.

## CHAA Board and Committee Chairs

Position	Incumbent	Phone	Email
Director - President , Chairman & Stores Chief	Pat Hanna	519 212-6021	p_hanna@harvards.com
Director - Vice-President	Bill Shepard	519 532-5613	b_shepard@harvards.com
Director - Treasurer	Vacant		
Director – Secretary (acting)	Terry Scott	905 220-4012	t_scott@harvards.com
Director & C Ops O	Bjarni Tryggvason	519 851-7881	b_tryggvason@harvards.com
Director & C Tech O	Shane Clayton	519 462-2316	s_clayton@harvards.com
Director	Terry Scott	905 220-4012	t_scott@harvards.com
Director	Paul Hayes	416-540-7630	aerocan@rogers.com
Director	Mel Blundell	519 426-8046	mel-aviator@hotmail.com
Director	Ken Mist	647 965-3659	eyeno1@gmail.com
Publisher “The Roar”	Terry Scott/Pat Hanna		
Archives, Museum & Scrap Book Chairman	Shane Clayton	519 462-2316	s_clayton@harvards.com
Harvard Happenings	Sandra Sparkes	519 390-1000	sandspar@rogers.com
Crew Ride Coordinator & Gift Certificates	Melanie Burden	416 521-5330	crewflights@harvards.com
Public Relations	Terry Scott	905 220-4012	t_scott@harvards.com
Chief Pilot	Scott McMaster	519 620-0447	scott@mcmaster.ca
Dive Recovery Team	Walther Irie	519 425-4449	walt@chaa-recovery.ca
Finance Committee	Torben Haarbye	519 679-1733	torbenhaarbye@gmail.com
Fundraising Group	Vacant		
Harvard Hawks	Vacant		
Membership	Tracy Reddy	519 404-4843	membership@harvards.com
Restorations	Ron Jay	519 582-2103	ronagnes@sympatico.ca

### CHAA contact information:

**Phone (519) 842-9922 or by mail at PO Box # 175, Tillsonburg, ON. N4G 4H5**



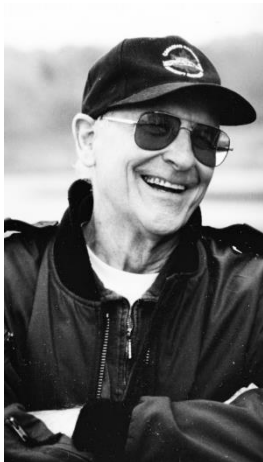
### Upcoming Events & Meetings 2016

- Sat., Mar. 19 – Annual Business Meeting and Board Meeting—**
- Sat. & Sun., March 26 & 27 – Harvard Ground School —
- Sat., Apr. 16 – Annual Fundraising Banquet @ Tillsonburg Legion—**
- Sat., May 14 – CHAA Fly Day @ Tillsonburg Airport—
- Sat., May 21 – Monthly Member’s Briefing—
- Sat., June 4 – CHAA Fly Day @ Tillsonburg Airport—
- Sat., June 18 – Monthly Member’s Briefing—



## History of CHAA's Toronto Remembrance Day Appearances

*By Ken Arnott*



Sunnybrook as well!” When the penny dropped, Greg saw the light and was taken aback by the impact of his oversight. “My God, you’re right” he said, “It simply didn’t occur to me”. “Not surprising” I replied, “the Protocol Office at City Hall never thought about it either”. Since those were the days before we had GPS and I was the only Torontonian on the team who knew anything about Sunnybrook or where it was, Greg decided I should take it over, contact the hospital, and look after the details of extending the flight plan to include the three passes over the veteran wings of K and H, and the “missing man” manoeuvre over their cenotaph service.

I knew Mr. Iain Ronald, a resident of the Chedington Condominium Complex and board member of Sunnybrook at the time, so we met to discuss the hospital’s cooperation with our plan. They were overjoyed at the prospect, and viewed the whole idea as the perfect climax to their week long program of remembrance activities in Worriers Hall. When



this all became a reality the next year in 2001, the presence of the four Harvards and their noisy drama added a whole new dimension to the hospital’s program and occasion. It then occurred to me that there was another opportunity here to be exploited, that of giving all the residents of the



*The Chedington*

Chedington access to getting involved. It was a no-brainer.....ten floors up, and only three blocks away from the hospital, gave any viewer from that vantage point the best possible seats in the house. So I arranged for clearance from both Chedington boards to allow the viewing from the roof tops. I organized the residents by reminding them of the date by letter on CHAA letterhead in their mail boxes every year, then arranged for them to get to the

roof tops safely and on time to watch the Harvards. The resident then began inviting their children and grandchildren to accompany them. Others gathered in the local parks to be able to see the planes better. A new interest and curiosity was sparked among the youth in the community which is so very important. “What are those yellow aeroplanes” they’d say? Where did they come from, what are they doing here, and what do they mean? It was abundantly clear that honouring the veterans in this way had not only been a success, but the whole idea of bringing the Harvards to Sunnybrook began growing and took on a life of its own. Local schools were approached by the hospital’s Communications Officer to bring their children and letters of thanks they’d written to the veterans. By doing so they too became a part of the cenotaph service. Every year a different school’s choir performs, the children recite poetry and other words of tribute, and they see the Harvards first hand and experience the reality of living history. Because of my involvement, I was then asked to talk to the children of John Wanless Public School

for a day; to make the connection between the Fly-Past and the importance of the Harvards and their role in the story of the BCATP. Bringing the Harvards to Sunnybrook has continued to this day, fifteen years later. The Harvard Association makes money from it which is so important to its existence, and because it takes a formation of aircraft about seven miles to turn around for each pass, everyone on the ground of Canada's largest city sees them, is attracted by them, fascinated and thrilled by them, and reminded that this is the day to remember and honour veterans.

Since those earlier days, CHAA's fly-past now includes Toronto Old City Hall, The East York Community Centre, The Air Force College by Loretto Abbey, and the Union Hall #353 of International Brotherhood of Electrical Workers while on their way to the three passes over Sunnybrook Hospital.

Thus an inspired idea to bring the Harvards to Sunnybrook has grown into an institution and integral part of Toronto's contribution to Canada's National Day of Remembrance. The Harvards are both looked forward to and expected now every year.

*(Eds note: It is with a heavy heart we advise the membership that Ken Arnott passed away on Feb. 19<sup>th</sup> of pulmonary fibrosis. He was a much loved and valued member of CHAA who was a Harvard pilot for a brief time, helped guide CHAA through several grant applications, and served on the board for several years. The minutes of the November and December 2015 Members Briefings were supplied to The ROAR by Ken just three days before he left us.)*

## **CHAA Annual Fundraising Banquet – Sat. April 16, 2016 @ Tillsonburg Legion**

Don't miss the 2016 edition of CHAA's Annual Fundraising Banquet featuring, among other things, a fantastic speaker – author and publisher **Marc-André Valiquette**.



Marc-André's biography is impressive. In 1975, he started his pilot course at Chicoutimi College in Quebec and then entered the Canadian Forces to become a military pilot. Two years later, he stated training on CT-114 Tutor aircraft at Moose Jaw, Saskatchewan. However, internal ear problems cut short his dream to become a pilot. From there, he got a degree in Aerospace technical design. In more than 28 years of service with CAE Inc, the world leader in flight simulators, he worked with the manufacturing group, the simulator in-field installation group, as a manufacturing engineer, as a customer services representative and for his final seven years as a project manager on military simulators.

As a writer, his work has been seen in numerous aeronautical magazines such as Magazine Plein Vol, Aviation Week, Airliners, Legion and Aviation Quebec. He has been a regular attendee at air shows since the mid-seventies as well.

Marc-André is the author and publisher of the four volumes series, Destruction of a Dream. He has also penned Avro CF-105 Arrow: Canada's Supersonic Sentinel and Je Te Plumerai - 425 Squadron Alouette – Defending Freedom Since 1942. He is now writing a new book on the Avro Canada Jetliner. Upcoming projects include 433 Squadron and CFB Bagotville 75 years.

The Annual Banquet will be held Saturday, April 16 at the **Tillsonburg Legion** (NOT the Woodstock Legion which has been sold) with "Attitude Adjustment" beginning at 4 p.m. and dinner at 5 p.m. Tickets are \$35.00 each, available from **Jeannette Rooke** ONLY (Deadline to order April 10th). Contact Jeannette at [j\\_rooke@harvards.com](mailto:j_rooke@harvards.com) or (519) 539-2762.

Auction items are being accepted at this time by **Marg Hollister** [mrhollister@sympatico.ca](mailto:mrhollister@sympatico.ca) or **Sandra Sparkes** [sandspar@rogers.com](mailto:sandspar@rogers.com). As well, Sandra and Marg are seeking volunteers to assist with this fundraiser.

## CHAA 2016 Flight Ops Calendar – (As of Feb. 24, 2016)

Be sure to check [www.harvards.com](http://www.harvards.com) for updates!

March 5	Toronto	Ken Arnott Memorial Fly Past	2-3 Harvards
Apr 9	London	Vimy Ridge Memorial Fly Past	3-4 Harvards
May 14	Tillsonburg	Fly Day	All
June 4	Tillsonburg	Fly Day	All
June 11	Woodstock	Relay for Life Fly Past	4 Harvards
June 25-26	Trenton	Quinte Int'l Air Show	4-5 Harvards
July 1	Port Burwell	Lighthouse Fly Past	4 Harvards
July 23	Tillsonburg	Fly Day	All
Aug 13	Tillsonburg	Fly Day	All
Aug 6	Edenvale	Gathering of Classics Fly-In	1 Harvard, Yale
Sept 10	Tillsonburg	Wings & Wheels Fly Day	All
Oct 8	Rockton	Rockton Fair and Veteran's Fly Past	4 Harvards
Oct 16	Ohsweken	Six Nations Remembrance Day Fly Past	4 Harvards
Nov 6	Shedden	Tom Hawkins Remembrance Day Fly Past	4 Harvards
Nov 11	Toronto	Remembrance Day Fly Past	4 Harvards



*(Photo by Shane Clayton)*

Meanwhile back in maintenance, Rob McDonald (left), Kerry Wilkinson (centre) and Brian Huston worked at pulling the new ignition wires through the conduits that make up the harness on WPK. Definitely a three-man job!



## **CTechO Report – March 2016**

Submitted by Shane Clayton



The winter maintenance program is in full swing, and we're looking forward to seeing the finished airplanes emerge from their hibernation. Here's a breakdown of current projects:

**Harvard 20242/C-FWPK** – The annual inspection has been completed, and should be ready to fly by the time these words are read. This year, we replaced both magnetos and installed new front ignition leads as well as a few worn control cables and both tailwheel steering cables. On the cosmetic front, Keith Burr, Mike Lawrence and myself masked and repainted all four roundels. They look 1000% better!

**Harvard 20321/CF-UFZ/'Bessy'** – Bessy's annual inspection is almost complete, and are awaiting the overhauled propeller from Hope Aero. The propeller was originally sent to Q1 Aviation, but tragically their very skilled propeller specialist George Dailide fell ill and passed away late last year. The other major delay in UFZ's annual this year was the replacement of one of the horizontal stabilizer spars, as well as replacing the spar stiffener on the remaining horizontal stabilizer. A new digital G-meter is also being installed. Look for UFZ to be flight-ready by the end of March.

**Yale 3399/C-GLJH** – The annual inspection on the Yale is essentially complete, however we are going to be parking LJH for now in order to complete the annuals on the remaining Harvards. Late last year were informed by a Yale restorer in Michigan that he had encountered intergranular corrosion in the wing attach angles of the Yales he is working on, and we recently had an NDT specialist have a look at LJH's angles with an Eddy Current probe. The results did not look promising, but he needed bare metal to do a thorough inspection. 3399's angles are covered with thick yellow paint with epoxy primer underneath, and will take many, many, many hours of careful stripping using bamboo skewers and plastic scrapers to complete the task. (No metal allowed!) For this reason, we will start that work once the annuals are completed on WLH, RWN and RZW.

**Tiger Moth 5030/C-GCOE** – Under AME Kerry's supervision, former CHAA Harvard pilot and maintenance chief George Wilson has been doing fabric repairs to COE's fuselage and wings in preparation to reinstall the landing gear and lower wings. On top of that, we did an NDT inspection of COE's crankshaft as mandated by an Airworthiness Directive, and it passed. We can now reinstall the propeller hub (which requires a special tool to line up the bearings on the front of the engine) as well as the propeller. If all goes to plan, COE will be flying again sometime this spring/summer.

**Harvard 20304/C-FBZT** – Our restoration volunteers are hard at work stripping, prepping and priming the control surfaces (rudder, elevators and ailerons) in preparation for fabric covering. At the same time, we are going over the wiring harness to see what wires, switches, circuit breakers, etc need to be overhauled or replaced prior to reinstalling the huge bundle of wires, boxes, and lights back into the airframe. Slowly but surely this project is coming along!

**Harvard AJ583/C-FHWX** – HWX has been in winter storage since November, and is due to be brought back over to our hangars sometime in late March or early April. A huge thanks goes out again to Greg Harvey for his generous support of CHAA!

**Harvards RWN, RZW & WLH** – These three Harvards have been patiently waiting all winter for their turn in the maintenance hangar. WLH and RZW did a successful flypast over a Scarborough cemetery on

February 20<sup>th</sup>, and are scheduled for another flypast in honour of the late Ken Arnott on March 5<sup>th</sup> (weather permitting). Once that is completed, all three will commence their annual inspections.

## **New coin commemorating British Commonwealth Air Training Plan now available**

December 8, 2015 – (From RCAF Public Affairs) The Royal Canadian Mint has launched a new \$20 silver coin commemorating the British Commonwealth Air Training Plan (BCATP). The Plan, as it came to be known, arose from Prime Minister William Lyon Mackenzie King's desire to see Canada contribute meaningfully to the Allied war effort while, hopefully, maintaining control of Canadian personnel rather than seeing them absorbed into British units, and avoiding the terribly high casualty rates of the First World War. The BCATP agreement was signed in late 1939, and ran until 1945.



It was a simple plan, on the surface. Once Commonwealth nations around the world had determined through their own Elementary Flying Training Schools (EFTS) that enrollees did, indeed, have “the right stuff”, candidates arrived at BCATP schools throughout Canada for advanced flying training, and air gunnery, wireless operator and air observer instruction. Upon graduation, aircrew travelled to England where they formed units and entered the fray under their own nations' banners.

Beneath this ordered surface was one of the most demanding efforts undertaken by Canada during the Second World War.

Airfields and schools were repurposed or constructed throughout Canada. These facilities and their supporting infrastructure would employ some 33,000 military personnel and about 6,000 civilians, and require about 5,000 aircraft – at a staggering cost of more than \$607 million.

By war's end, BCATP schools had trained 131,553 Allied aircrew, and Canada had become known as “the aerodrome of democracy”. The Plan was one of the most successful efforts undertaken by Canada during the Second World War. A legacy of the BCATP is visible in the many airfields and regional airports that dot our nation today.

The Royal Canadian Mint's new British Commonwealth Air Training Plan commemorative \$20 silver coin is a fitting tribute to The Plan and to the Canadians who brought it to life.



Aviation photojournalist Eric Dumigan and his wife Bernadette LaBarre Dumigan have a terrific website where they showcase their amazing work and CHAA gets plenty of play!

Check out the photos from our 30<sup>th</sup> anniversary celebration last summer here <http://www.airic.ca/html/chaa302015.html> .

Plus, there's a collection from one of our 2015 Flydays <http://www.airic.ca/html/chaaflyday415.html> .

And don't miss the CHAT boys Remembrance Day Flypast in Woodstock at <http://www.airic.ca/html/nov112015.html> . Eric's airshow pages go back to 2003 and beyond. Check them out!



## RCAF announces pilot and BCATP theme for 2016 CF-18 Demonstration Team

WINNIPEG, Dec. 11, 2015 — The Royal Canadian Air Force (RCAF) is pleased to announce the appointment of Captain Ryan Kean as the pilot for the 2016 CF-18 Demonstration Team.

Captain Kean will wow audiences around North America during the 2016 air show season, flying his specially painted CF-18 Hornet commemorating the 75th anniversary of the start of the pan-Canadian effort to train aircrew for the Second World War, including pilots, wireless operators, air gunners, and navigators through the British Commonwealth Air Training Plan (BCATP).



A native of London, Ontario, Captain Kean joined the Canadian Armed Forces in 2003 under the Regular Officer Training Plan. In 2005 he graduated with an Earth and Planetary Science degree from the University of Western Ontario.

In the spring of 2006 Captain Kean began his military flying career and just four years later, he fulfilled his ambition of becoming a fighter pilot when he completed his CF-18 training and was posted to 409 Tactical Fighter “Nighthawk” Squadron based at 4 Wing Cold Lake, Alberta. In July 2013, Captain Kean was posted to his current unit, 410 Tactical Fighter (Operational Training) “Cougar” Squadron, as an instructor pilot on the CF-18 and is currently the Squadrons Deputy Operations Officer.

During his time at 4 Wing Cold

Lake, Captain Kean has participated in multiple training missions and exercises all over Canada and the United States. He has also conducted operational missions both at home and overseas in support of NORAD and NATO missions. He has over 1,600 flying hours on high performance military aircraft, including 1,300 hours on the CF-18 Hornet.

In late April, Captain Kean will take to the skies over Comox, British Columbia, where the team conducts its annual training before launching the 2016 air show season.



The CF-18 Demonstration Team selects a theme for each year and 2016 will feature the 75th anniversary of the British Commonwealth Air Training Plan. By the end of the Second World War, the Plan had produced 131,553 aircrew, including pilots, wireless operators, air gunners, and navigators, that were critical to the war effort, and enabled the creation of wholly Canadian fighter Squadrons. Further, tens-of-thousands of maintainers and support staff were recruited and trained by the RCAF to support the effort – without the contribution of these civilian men and women, the plan would have failed.

The specially painted CF-18 Hornet will feature a unique commemorative paint job designed by veteran design director, Jim Belliveau, at 4 Wing Cold Lake, Alberta. The Demo Hornet will be revealed in 2016 before the start of the air show season.

## Quotes:

Major-General David Wheeler, Commander of 1 Canadian Air Division and the Canadian NORAD Region:

*"During the Second World War, Canadians and communities across Canada came together to train aircrew from across the Commonwealth, with civilians operating aerodromes, serving as instructors, and fulfilling critical roles from repairing aircraft to packing parachutes. Importantly, Canadians also welcomed and made trainees from around the world feel a part of their communities. Now, 75 years later, we're pleased that Captain Kean, a natural selection for the 2016 CF-18 Demonstration Team with his proven abilities and experience, will commemorate those contributions with communities across the country and all over North America."*



Captain Ryan Kean, 2016 CF-18 Demonstration Team Pilot: *This is an exciting opportunity to showcase the skill and professionalism of the Royal Canadian Air Force and the CF-18 all over Canada and the United States. Being selected as the CF-18 Demonstration Pilot allows me to fly the aircraft in a way that few pilots get to do. In addition to sharing this*

*experience with the audiences at the shows throughout the season, I'll have a team of highly motivated and professional technicians supporting me and sharing in the experience."*

The CF-18 BCATP edition will make a number of appearances across Canada and the U.S. including June 18 & 19 in St. Thomas, ON, August 31 in Brantford, ON and Sept. 17 & 18 in London, ON. For the complete schedule, visit <http://rcaf-arc.forces.gc.ca/en/cf-18-demo-team/schedule.page>.

## CHAA Harvard Ground School – March 26 & 27 – Sign up now!!!



**ARE YOU A LICENSED PILOT AND INTERESTED IN FLYING THE HARVARD?**

**OR ARE YOU A HISTORY ENTHUSIAST WHO WOULD LIKE TO LEARN MORE ABOUT THIS FAMOUS TRAINING AIRCRAFT?**

CHAA's yearly Harvard Ground School has been scheduled for March 26-27th. This ground school course is a requirement for the limited number of Harvard conversion training spots available for this flying season. Spots fill up quickly, so reserve yours today!

Registration is \$300. The price includes lunch both days and a Harvard manual. It does not include CHAA membership. If required, a new membership is \$50.

The schedule for Saturday is 09:00 to 17:00. Sunday will be 09:00 until lunch with the exam/aircraft introduction in the afternoon.

Please RSVP to Chief Pilot Scott McMaster at [scott@mcmaster.ca](mailto:scott@mcmaster.ca) to sign up or request more information.

## **Minutes of Canadian Harvard Aircraft Association Members Briefing, Nov. 21, 2015**

Chairman Pat Hanna opened the meeting by asking if there were any attending for the first time, there were two: Fred Grotarz and Mike Vella. Logan Lawrence was also noted as the smallest in attendance.

Secretary Ken Arnott read the minutes for the last meeting of October 17/15 and asked that they be accepted. Paul Hayes moved to accept the minutes and Bruce Tapp seconded it and the motion carried.

CTechO Shane Clayton reported batteries are all out of 3399, WPK, and Bessie for their annuals. There will be no Harvards outside this winter thanks to hangaring with Greg Harvey. Tiger Moth awaits being put back together. WPK had battery charging problems on November 11<sup>th</sup>. It was most noteworthy that Shane Clayton was in working on it at 07:00. Most noteworthy of all, however, was AME Kerry Wilkinson's superb effort at coming in at 04:00 to make sure WPK made it to Toronto for Remembrance Day.

A new Fly-by addition was made this year on the way to Sunnybrook, that of Union Hall #353 International Brotherhood of Electrical Workers.

Pat Hanna, father Bob, and grandson David were all present at the Toronto City Hall's cenotaph this year to see the Harvards perform on Remembrance Day. There was also coast to coast coverage for CHAA this year by the Kitchener Record and the Vancouver Sun.

Long-time member and well liked friend and co-worker Wally Meadows has passed away.

The redesigning of the CHAA website will hopefully be able to integrate the membership database. CHAA is still looking for someone to be a Webmaster.

Backseat Chair Melanie Burden has reported a good year in back seat activities and looks forward to even more fun in 2016.

Pat Hanna moved to adjourn the meeting and Ken Arnott seconded it.....the motion carried.

## **Minutes of Canadian Harvard Aircraft Association Members Briefing, Dec. 19, 2015**

Chairman Pat Hanna opened the meeting asking if there were any attending for the first time: there were three, Terry Newsend, Bill Barnett, and William McEonell.

Secretary Ken Arnott read the minutes of the previous meeting of Nov. 21, 2015 and asked that they be accepted. Terry Scott moved to accept the minutes and Paul Hayes seconded the motion and the motion carried.

Vice President Bill Shepard updated his status as Sqdn. Leader of the Tuskegee Red Tails of the CAF in the U.S. His alliance with CHAA in Canada has gone far to further promote CHAA with organizations such as ICAS which in turn are crucial to CHAA's recognition and participation in the greater world of Air shows and demonstration work. Bill indicated signs of air shows beginning to make a comeback, and hopefully 2016 will be a better year for that.

Marg Hollister and Sandra Sparks reported on the mail out fundraiser so far as having reached the \$14,000 mark. It was also noted that the response this year, although most gratefully received, has nevertheless for the first time fallen below expectations of past years. This appears to be indicating the necessity for other and more diverse ways of fund raising be revisited to be adopted for the ongoing benefit of CHAA's needs.

Treasurer Ray Whittemore gave a brief overview of the year's finances. New spars have had to be purchased from the U.S. at a premium rate costing \$15,000 (US). Hydro costs are up from last year, and the Tyrell Harvard 304 grant has now been used up and we are on our own for its completion. All these situations are now the new challenges for 2016 which will have to be addressed.



COpsO Bjarni Triggvason while having been very busy with a successful year at test flying, reports CHAA pilots are now much better positioned for 2016 with upgraded licensing and training. Bjarni is also going after more pilots to be involved and having them also more involved in CHAA as a whole, not just piloting.

CTechO Shane Clayton reported annuals are proceeding so far without any major surprises and expects to be ready around mid-April or so. Shane praised Jack McKenzie for his dedication and ongoing work that he has devoted himself to with the over-the-winter maintenance program. This is so much appreciated!!

Pat Hanna thanked everyone for their past years work and wished everyone a Merry Christmas.

Jack McKenzie moved to adjourn the meeting and Bill Long seconded it, the motion carried.

## **Minutes of Canadian Harvard Aircraft Association Members Briefing, Jan. 16, 2016**

The meeting was opened by President Pat Hanna.

There were no minutes available from the December 19, 2015 Members Briefing.

Pat wished all a Happy New Year. He asked new people to stand and introduce themselves. Wayne Kidd from London, an old colleague of Paul Hayes, along with Dick Garbutt from Sweaburg were welcomed.

Pat said the board is looking for directors. Ray Whittemore resigned as Treasurer effective January 1. He had been on the board for most of the last 25 years, many as Treasurer. Pat indicated the board is also looking for administrative help. No particular skills are required, but if you have some business or financial background that would be an asset. He asked anyone interested to approach him or another board member.

The Annual Fundraising and Awards Banquet is set for April 16th at Tillsonburg Legion. Please note the new date and location. The Woodstock Legion has been sold with the closing date in March, so an alternate site was necessary. Pat indicated he is still working on securing a caterer so the ticket price has not been determined yet.

Pat reported that he and Jack MacKenzie met with Mike Kloepper from Titan Trailers before Christmas concerning his desire to help CHAA in some way. There was talk of new heating and lighting in the north side of the maintenance hangar. Mike indicated that what CHAA needs is a new hangar, maybe 60 X 60 feet with high efficiency heating, etc. Mike was going to Arizona for a couple of weeks and has since contacted Jack and wants to meet again. It might mean a financial commitment on the part of CHAA to partner with Mike. Pat hopes to have more information next month.

The Northeast Council of Air Shows meeting (NECAS) is Jan. 29-31 in Niagara Falls, NY. Pat reported that he, Terry Scott and Bjarni Tryggvason will be attending on behalf of CHAA. Melanie Burden, Ken Mist and Bill Shepard will be there on behalf of the Commemorative Air Force Red Tail Squadron.

Pat said he had a call recently from Mark Plouffe who has a friend from Transport Canada interested in doing a pilot currency seminar for CHAA and other groups at Tillsonburg Airport.

Pat reported the rebirth of the Safety and Standards Committee. Bjarni, Shane Clayton and Scott McMaster are required by the bylaws to serve on the committee. Bill Long, Paul Hayes and Bill McKay have also agreed to serve which makes for a wealth of experience. Bill Long was instrumental in creating CHAA's first Flight Operation Manual (FOM), Paul is a career air force man and retired Brigadier-General, and Bill McKay is a retired Esso executive with considerable experience in safety and standards. The committee will review the FOM and establish where we are going in the future.

Pat received an email from Gerald Ashcroft in Winnipeg recently who had read the December ROAR and is delighted that CHAA is flourishing.

CTechO Shane Clayton reports that the annuals on 3 aircraft are almost done – UFZ, WPK and the Yale. Three more aircraft will be tackled next. Shane says George Wilson is active again and is working on the fabric on the Tiger Moth. Once that is done, parts – including the wings – will be installed. Work on BZT is going slowly but surely and the Restorations team should be working on covering the control surfaces in the next few weeks.

Marg Hollister reported that the HWX engine overhaul fundraising campaign is now over \$16,000. Pat indicated 2016 marks the 30<sup>th</sup> anniversary of purchasing the aircraft from John Cowan in Ottawa.

Pat reported that yesterday, Jan. 15<sup>th</sup>, was CHAA member Glenn Rawson's 99<sup>th</sup> birthday. He was up to Borden on Thursday where there was a birthday celebration. He is looking forward to a Harvard ride this year and will likely be the oldest veteran in Canada to do so. Glenn flew our Yale in 1940 as part of the first class of the BCATP.

Pat also spoke recently to Don Goddard who saw the picture of Glenn in our Yale on the front page of the COPA newsletter. Don purchased 3399 from the Ernie Simmons estate sale in 1970. He told Pat he was moved to tears when he saw the picture. We send our best wishes to Don.

John Brown was the lucky winner of the 50-50 draw. He returned his winnings of \$109 to CHAA.

Pat introduced guest speaker Paul Hayes, retired Brigadier General who flew Vampires, Sabres and other aircraft during his RCAF career. But, the first eleven months of his service was with Harvards!

The meeting was adjourned at 11:44 a.m.



**Keith Arnot Burr is pumped after completing a fantastic paint job on one of the roundels on WPK. Looking good, Keith!**



**New signs are greeting visitors to Tillsonburg Regional Airport and CHAA! These are at the entrance to the airport off Airport Road. Watch for a new sign – hopefully in the not-too-distance future – on Highway 19, too!**

## **Minutes of Canadian Harvard Aircraft Association Members Briefing, Feb. 20, 2016**

The meeting was opened by President Pat Hanna. He welcomed all, especially those guests who were on hand for the Pilot Recurrency Training program.

Interim secretary Terry Scott read the minutes from the Jan. 16, 2016 Members Briefing. Moved by Paul Hayes, seconded by Catherine Cowan, to accept the minutes. The motion carried.

Pat indicated the annual fundraising banquet is set for Saturday, April 11<sup>th</sup> at the Tillsonburg Legion. Jeannette Rooke has tickets available for \$35. As usual, attitude adjustment is set for 4 p.m. with dinner at 5. The guest speaker is Marc-André Valiquette, an authority on the Avro Arrow. Pat says Marc-Andre is hoping to stay as a guest at a members' home for two nights rather than at a hotel. Anyone interested in hosting him can contact Pat.

Pat noted that a Harvard had just powered up outside the meeting room. It will be used for a proficiency flight then a memorial flypast in Scarborough at 1 p.m. for a Canadian veteran who died in Afghanistan in 2010.

Pat reported that he, Terry Scott and Bjarni Tryggvason attended the NECAS conference in late January. He said CHAA made some good contacts and at least one show, Trenton, has so far been confirmed for CHAA. Terry Scott delivered a brief report on the NECAS conference.

With regards to Mike Kloefer from Titan Trailers, Pat stated that he has not had a follow up meeting with Mike since the last members briefing.

Pat said he works at KW Surplus in Kitchener and had something interesting come in recently – a box of parais bandages dated August 9, 1945 – the day the Americans dropped the atomic bomb on Nagasaki. They came in wooden crates wrapped in tar paper and were bound for the US Navy. However, they never made it.

Melanie Burden introduced a special guest, Larry Laur, who spoke of the Vimy Ridge Memorial Dedication Ceremony set for 11 a.m. Sat. April 9<sup>th</sup> at the Charley Fox Memorial roundabout near Trafalgar and Hale Streets in London. Larry says the project began in November of 2014. Along with the Harvards doing a flypast, there will be students from Clark Road Secondary School, air and navy cadets, local dignitaries and VIP's on hand for the event.

CTechO Shane Clayton reported the Tiger Moth is coming back together. WPK should be done soon and the overhaul on UFZ's prop should also be done soon. The Yale is another issue as it may have to be grounded this year because of the attach angle issues. Shane says more bodies are needed to help with the maintenance work. A week ago Tuesday only Shane and Kerry Wilkinson were in the hangar.

Melanie spoke about upcoming flight crew experiences. As far as air shows, we are still waiting to hear back from St. Thomas and Borden, but we did secure Trenton for June 25 and 26. Melanie stated we will be sending up aircraft earlier to do flight experiences with CWH's Lancaster and Mitchell.

Pat reported we are working on getting the books finalized for 2015. Former Treasurer Ray Whittemore says the directors need to deal with the 2016 budget and business plan soon. He says CHAA accomplished a lot in 2015. We are short of money, but we made it through last year thanks to a surplus from 2014. Ray says we raised over 17,000 dollars in the mail out fundraiser which will be transferred into the engine overhaul account bringing it to approximately 42,000 dollars. Unfortunately, the engine overhaul fee has gone up thanks for the dollar.

Pat stated that CHAA is proud to be debt free for three years now. It was done through fundraising and hard work by our dedicated volunteers.

CopsO Bjarni Tryggvason says CHAA aircraft flew about 200 hours in 2015. We had 5 Harvards flying. Currently we have three. We are flying the first display of 2016 today over Toronto. It was originally scheduled for Feb. 12 but it got weathered out. Another flypast is set for April 9. The pilot refresher day is March 12 with the Harvard Ground School March 26 and 27. Bjarni says the Safety and Standards Committee is working on getting the FOM in order so that we can apply to Transport Canada for an exemption for the "rides program" by the end of April.



The exemption will finally allow us to advertise and sell our flight experiences. CHAA will be flying at the Trenton airshow and hopefully more this year.

Pat indicated that Restorations needs help along with Maintenance.

Pat introduced Fred Grootarz, the President of the Recreational Aircraft Association – Toronto Region, who presented his Pilot Recurrency and Training Program. Fred pointed out that he is NOT from Transport Canada, although the agency does officially recognize the program.

The 50-50 draw was won by an anonymous person and the total proceeds of \$143 were returned to CHAA.

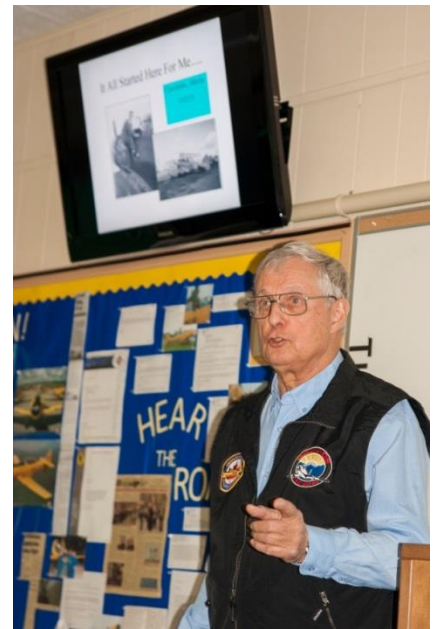
The meeting was adjourned at 1147 hrs.

## Paul Hayes shares Harvard & other experiences

One of CHAA's new board members, Brigadier-General (Ret'd) Paul Hayes, took the stage at the Jan. 16<sup>th</sup> Member's Briefing when he gave an informative and entertaining presentation on his military career.

Paul received his pilot wings in 1953 going on to serve 39 years in the regular and reserve air force, flying jet fighters, transports and helicopters. He retired from the CAF as a Brigadier-General, and today, maintains a commercial license with instrument rating. He has logged more than 7,500 flying hours.

Paul joined the RCAF Auxiliary in 1951. After receiving his wings, the first 11 months of his flying career were spent on Harvards. He then went on to fly Vampire and F-86 jet fighters on defense of Canada operations with 411 "County of York" Squadron in Toronto until December 1956, when he joined the RCAF Regular. He served in Europe from 1957 to 1963 as a pilot on the F-86 Sabre, first with 422 (Fighter) Squadron and then as Tactical Advisor to 73 Wing of the German Air Force. Upon his return to Canada he held various flying and administrative positions until leaving the Regular Force in 1964 to continue his university studies. At that time, Paul rejoined 411 Air Reserve Squadron and eventually served as the Commanding Officer from February 1976 to October 1978. *Photo by Ken Mist*



If you missed the meeting, you can see an earlier version of Paul's presentation on YouTube when he addressed the Royal Canadian Military Institute in October 2013. <https://www.youtube.com/watch?v=y4iK3eB0OwQ>

## CHAA's Bill Shepard uninjured in P-51C Tuskegee Airmen Landing Incident



Three days after the NECAS conference in Niagara Falls, NY, CHAA's VP Bill Shepard walked away unhurt after the Commemorative Air Force's rare P-1C Mustang made a belly landing at Dallas Executive Airport in Texas on Feb. 3<sup>rd</sup>. Unfortunately, the aircraft sustained significant damage and photos show the propeller and spinner laying on the ground near the rest of the aircraft, completely detached. The aircraft has undergone extensive restoration in the past, first after its donation to the CAF and again after a crash that killed pilot Don Hinz in 2004. The second restoration was

completed in 2009. As with the Tuskegee Airmen she honors, this airplane will 'Rise Above' to 'Triumph Over Adversity' and fly again. For more information, visit

<http://commemorativeairforce.org/rss/483-letter-from-the-red-tail-squadron-leader-bill-shepard> .

(Photo source: NBC 5/DFW)



CHAA at Northeast Council of Air Shows (NECAS) in Niagara Falls, NY on Jan. 29-31. From left, Pat Hanna, Terry Scott and Bjarni Tryggvason.

### A Nice Surprise – By CHAA member Gord McNulty

A nice surprise for CHAA occurred on the Aug. 1 Open House Fly Day with the arrival of a beautifully restored Cornell, CF-CVE/FV724, owned by Doug Harkes of Wroxeter, ON. Doug acquired the Cornell "in a million pieces" from a farm in Alberta and started the rebuild in 2010. It was among the last 50 built by Fleet Aircraft at Fort Erie and was never assigned to a school. At one time it belonged to the Brant Norfolk Flying



Club. The restored aircraft first flew on May 23, 2015. Doug, and pilot Dave Thomas, of Goderich, then flew it to EAA AirVenture at Oshkosh, where it won a Silver Lindy Award in the Reserve Champion Antique Category. Congratulations for an excellent job! Also shown is a photo of CF-CVE taken 1969 at Mount Hope Airport by my father, Jack. At the time it was in what appears to be a hybrid civilian/military scheme, with the Fleet logo on the tail fin. An impressive Cornell, whatever the paint scheme.

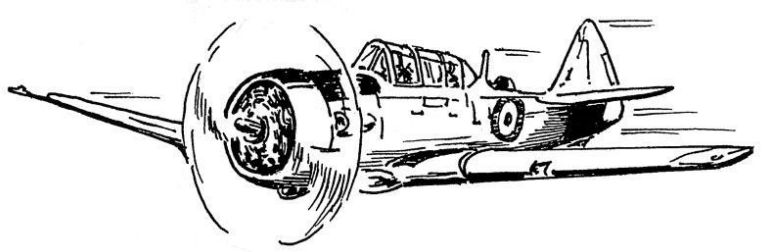
CF-CVE Fairchild M62A3 1/1092 (FV724) Mt. Hope, 5-4-69

## AN INVITATION TO JOIN – By CHAA's Catherine Cowan

Are you looking for thrilling adventures in 2016 ?  
Then you need to consider our local history.  
Located in small town southern Ontario's community-  
Is a historical 'treasure' that you need to be seeing.

For in our Tillsonburg aircraft hangars there-  
Resides WW11 history for us to share.  
Beautiful yellow war birds that once flew in the air,  
Today, are still flying to make you aware.

Canadian history is here for all of you to enjoy.  
Men, women, girls, and boys,  
Young and old alike can go for a ride,  
In the backseat of our Harvards- to share in 'our pride'.



It does not have to end there-  
There's SO much more than just 'taking to the air'.  
You can join in our history,  
By becoming a member and joining 'the Harvard family'.

CHAA is not an ordinary committee.  
It is a center of resources and local history,  
Preserving and keeping the facts alive-  
Respecting and 'honouring our veterans who both live, and have died'.

We 'reach out' to our community, and beyond, to share in our love of aviation and war history.  
We are looking always for new blood to add to our family.  
We all love these 'beautiful yellow war birds of the air'.  
We keep their memory alive by restoring them, flying them, and with the public 'we share'.

My appeal today to you -  
Is if you would like something great to do-  
Then consider joining the 'CHAA family'.  
You can help to acquire, preserve, restore, maintain, and display the Harvard (& other aircraft) too.

Once a month we meet.  
Great aviators, mechanics, and all types of aircrew you will meet.  
Veterans from both near and far-  
Share their stories, and we even have a former astronaut who we consider 'a star'.

Be part of an adventure to promote the fact we're near-  
As well as enjoying our 'fly days' where many come to see us and 'to hear'-  
"The Roar" flying over your head.  
You will be a beautiful part of history, and 'the sound in the air', you will no longer dread.

The Canadian Harvard Aircraft Association awaits you-  
No talent or gift is too small, we will appreciate even 'just you'.  
Drop by our hangar, email, or call.  
Join our wondrous organization and you too will share with friends on the newsfeed and on their 'wall'.

Become a member, be part of our team, an 'aviation family'.  
You'll be glad you did when you too are becoming a 'modern day chapter of Canadian history !!!



The Canadian Harvard Aircraft Association's

# Wings & Wheels Family Fun Day

9<sup>th</sup> Annual!



**Saturday, September 10<sup>th</sup>, 2016**

(Rain Date September 11th)

**Tillsonburg Regional Airport**

244411 Airport Road, Tillsonburg, Ontario

**9 AM - 4 PM - Admission by Donation**

**Vintage Car Attendees are Entered into a  
Draw for a Harvard Flight Experience!**

## *Activities Include:*

- Opportunities for Flight Experiences in the famous Harvard and Tiger Moth
- BBQ Lunch & Musical Entertainment
- Hangar Tours and Static Displays
- Silent Auction
- Door Prizes

In Association with  
Bygone Iron Car Club  
Woodstock, ON



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