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June 2016

President's Report

By Pat Hanna



Spring is finally starting to give way to summer and the flying season has kicked into high gear. When flying activity increases, it seems that the same pattern follows for volunteer participation and enthusiasm! We have an exciting and busy summer shaping up and we are hoping that our eclectic Canadian weather treats us well, enabling us to display and demonstrate the timeless Harvard again and again. Have you flown in the iconic Harvard yet? We offer endless opportunities...go for a ride soon!

As the years go by, it becomes more and more evident that the "authors" of our Canadian aviation history are leaving us and their amazing stories of a country at war are indeed becoming "history" in the truest sense of the word. Early in March, we learned that CHAA had lost another friend, Glen Rawson. Mercifully, Glen passed away quietly in his sleep, fitting for such a kind and considerate gentleman. Glen had recently enjoyed his 99th birthday with a great celebration at CFB Borden. His many years of faithful service in the RCAF starting in 1940 and ending in the 1960's were recognized by the current members of the RCAF in a touching tribute. Scott McMaster and I, joined by the T-33 "Mako Shark" flown by Derek Hammond and Ken Mist, were privileged to honour Glen's family with a funeral service flypast in Hanover while fellow CHAA member Gord Millar read the eulogy from the pulpit. Special thanks to the pilots of COPA Flight 26 in Waterloo who generously contributed towards the cost of the flights of the Harvard and T-33 to perform that tribute!

We also lost a special guy on the aircraft maintenance team, Bill Gale, who recently passed away suddenly. The work goes on, but we dearly miss our friends and co-workers.

The Annual Banquet and Fund-Raising Auction was held in April at a new location this year...the Tillsonburg Legion. Past events were held at the Woodstock Legion but the sale of that building forced us to move. The evening was well attended and our guests were very generous...the auction was a great success! Sincere thanks to Sandra Sparkes and Marg Hollister and their assistants for a great auction! Our guest speaker was Marc- André Valiquette, a well-known historian and author. His fascination of Canada's greatest aviation achievement and ultimately its greatest failure, the Avro Arrow, has lead him to author several books. Marc- André's exhaustive research was highlighted in a presentation filled with fascinating photos and facts about which most of us were unaware.

The date has been set and the 2017 Banquet will be held once again at the Tillsonburg Legion ...Saturday, April 22, 2017. Well known photo-journalist and CHAA member Eric Dumigan will be our guest speaker, so circle that date!

Also a date to set aside is the September Member's Briefing, Saturday, September 17th. Legendary pilot Gord Price will be our guest speaker. Gord was flying CF-104 Starfighters with nuclear warheads in the RCAF by the age of 22! After an exciting career in the RCAF, Gord settled into a career with Air Canada (a little less exciting!) but got into competition aerobatics rising to the very top as Canadian Unlimited Aerobatic Champion! After airline retirement, Gord bought a YAK-50 (serial #1) and has been flying the air show circuit in "The Dam Pub". We are looking forward to his visit in September!

From the Board...I will stay on as President until the spring of 2017, at which time I will step aside in the spirit of keeping fresh vision and leadership at the helm. Paul Hayes was appointed as Vice-President and brings invaluable experience to the position. Poul Hansen is now the Treasurer and looks forward to the challenge of CHAA's financial accountability. Ken Mist is now the Secretary. Past President/Vice-President Bill Shepard has been sharing some of the invaluable organizational operatives that he has been learning as Vice-President of Education for the Commemorative Air Force based in Texas. Terry Scott continues to spearhead the Public Relations/Media/Website portfolio and is also Editor of the ROAR which you are reading. Bjarni Tryggvason continues as COpsO and Shane Clayton continues as CTechO. Mel Blundell is the "jack of all trades", filling in wherever needed.

This summer CHAA returns to the air show world and we will be participating at the Quinte International Air Show (CFB Trenton) and at the Great Lakes International Air Show (St. Thomas) both in June. We are also flying at several other one day events throughout the summer, offering our members many opportunities to volunteer in a variety of ways. Even cleaning the aircraft before these events is an invaluable help! If you can use a spray bottle and a rag...thank you in advance!

Even as I prepare this report, I see on Facebook that Flight Ops has been busy! Congratulations to pilots Allan Paige, Percy Contractor and Scott McMaster for achieving the FAST "Formation Wingman" patches and to Bill Shepard for his "Leader" patch! And thanks, too, to veteran pilot Bill Long for assisting with the FAST certification process. Well done guys!

Thanks to all for your continued support of CHAA! Keep informed of CHAA events through our website www.harvards.com, The ROAR, Harvard Happenings, Facebook and on Twitter! We look forward to seeing you soon at a CHAA event!

Together we will keep those Harvards flying!

CHAA 2016 Flight Ops Calendar – (As of May 29)
Be sure to check www.harvards.com for updates!

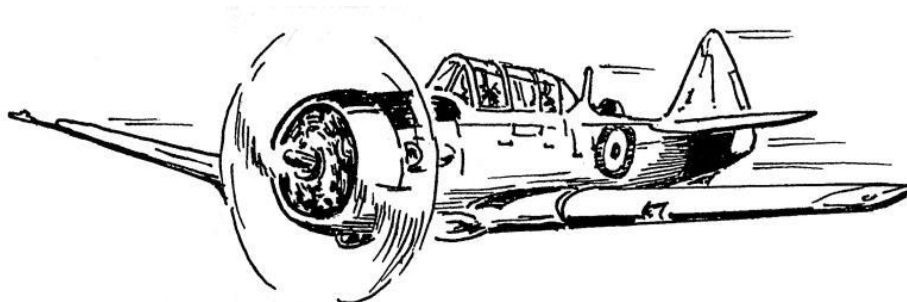
June 4	Tillsonburg	Fly Day	All
June 11	Warton	Auto & Air Extravaganza	2 Harvards
June 17	Tillsonburg	Turtlefest Fly Past	4 Harvards
June 18-19	St. Thomas	Great Lakes Int'l Air Show	4 Harvards
June 24-26	Trenton	Quinte Int'l Air Show	4-5 Harvards
July 1	Port Burwell	Lighthouse Fly Past	4 Harvards
July 10	Owen Sound	Wings and Wheels	TBD
July 23	Tillsonburg	Fly Day	All
Aug 6	Edenvale	Gathering of Classics Fly-In	2 Harvards
Aug 13	Tillsonburg	Fly Day	All
Sept 10	Tillsonburg	Wings & Wheels Fly Day	All
Sept 17	Guelph	Tiger Boys Fly-In	1 Harvard
Oct 1	London	JAM – Doors Open London	2 Harvards
Oct 8	Rockton	Rockton Fair and Veteran's Fly Past	4 Harvards
Oct 16	Ohswegen	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

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	Paul Hayes	416 540-7630	aerocan@rogers.com
Director - Treasurer	Poul Hansen	647 932-3483	hansenp@hotmail.com
Director – Secretary	Ken Mist	647 965-3659	eyeno1@gmail.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
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Director	Mel Blundell	519 426-8046	mel-aviator@hotmail.com
Director	(Vacant)		
Publisher “The Roar”	Terry Scott/Pat Hanna		
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Harvard Hawks	Vacant		
Membership	Tracy Reddy	519 404-4843	membership@harvards.com
Restorations	Ron Jay	519 582-2103	ronagnes@execulink.com (NEW)

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CTechO Report – June 2016

by Shane Clayton



The flying season is getting underway, but we're still quite busy on the maintenance front. We'll have lots of work to do all summer! Here's a breakdown of current projects:

Harvard 20436/C-FWLH – We started the annual inspection on '436 in early March, and other than installing a new set of tires, there were no major issues found. We worked overtime to get WLH (as well as UFZ) ready in time for the Vimy Ridge Memorial Flypast on April 9th.

Harvard 20321/CF-UFZ/'Bessy' – After being stuck in the maintenance hangar since August, we completed the annual inspection on Bessy in time for the Vimy flypast on April 9th. The main holdup was waiting for the propeller overhaul to be completed by Hope Aero, and unfortunately the propeller didn't work properly on the first post-annual flight on April 9th and it got stuck in fine pitch. The prop was removed and sent back to Hope Aero for adjustments and reinstalled, only to have it stick in fine pitch again! After swapping props with WPK to prove to Hope Aero that Bessy's engine or prop governor was not the issue, the propeller was sent back to be adjusted a second time and it now finally functions properly. After that ordeal, we definitely won't be using Hope Aero again!

Harvard 3830/C-FRWN – RWN's annual inspection also began in early March, but took a bit longer as the propeller was due for a ten-year overhaul. This propeller was sent to H&S Propeller in White Lake, Michigan. There was a bit of a delay when it was discovered that the blades were beyond minimum thickness, and we sent down the blades from 3191/C-FMTX's propeller (last flown in 2004) to be used. The prop came back in early May, and the annual was completed by May 21st.

Harvard 20422/C-FRZW – RZW came in for her annual following the April 9th Vimy flypast. The major item on this annual has been the removal of her RH main fuel tank to repair a leak on the top around the fuel gauge. The tank has since been reinstalled, and the annual should be completed or very close to it by the time these words are read.

Harvard 20242/C-FWPK – WPK has been a regular flyer all spring, but has been plagued with an ongoing sticky brake issue. As noted above, the propeller was swapped out with Bessy's prop to confirm the ongoing issues were not engine or governor related.

Tiger Moth 5030/C-GCOE – The Tiger Moth is still slowly coming back together, with the current project being the reassembly of the landing gear. Most of the fittings have been repaired or replaced with NOS parts, and once that is completed the lower wings can be reattached and re-rigged. With any luck COE should hopefully be back in the air by late June/early July.

Yale 3399/C-GLJH – Following the completion of Harvard RWN's annual inspection, LJH was brought back into the maintenance hangar in order for the wing attach angles to be masked off in preparation for soda blasting. The soda blasting will allow us to properly inspect the angles for possible intergranular corrosion without spending months stripping them by hand, and will be completed in early June.

Harvard 20304/C-FBZT – Work continues at a steady pace on BZT, with the main current project being the ongoing wiring harness rehabilitation. Through the assistance of Dave and Bob Hewitt, we were able to acquire a replacement vertical stabilizer in order to keep 20304's original stabilizer with RCAF dayglo markings as a museum piece. It has been stripped, cleaned, inspected, prepped & primed and is currently awaiting installation.

Harvard AJ583/C-FHWX – After spending the winter in storage, HWX was brought back over to our hangars in mid-April and has been patiently waiting her turn in the maintenance hangar. Once the annual inspection is completed on RZW, HWX will be parked in the back corner and work will commence to remove her worn out engine. At the same time, we will be doing an annual inspection at a relaxed pace over the summer in order for her to return to flight as quickly as possible whenever we raise enough funds to get an overhauled engine for her.

Minutes of Canadian Harvard Aircraft Association Annual Business Meeting, March 19, 2016

The meeting was called to order by President Pat Hanna at 10:03 a.m.

New members in attendance – Anna and George.

Pat spoke about the passing of Glen Rawson and Ken Arnott and spoke about the fly-past for Glen with the T-33 from Waterloo Warbirds.

Pat introduced the 2015 Board of Directors and thanked them for their service

Ken Mist read the minutes from February 20, 2016 Members Briefing. Moved by Diane Lawrence, seconded by Paul Hayes, to accept the minutes. The motion was approved unanimously.

Presidents Report: Pat presented a verbal report. He stated 2015 was a good year with some unexpected issues addressed by numerous volunteer hours. Fundraising by Sandra and Marg was much appreciated. Canadian dollar volatile. 4 aircraft flyable with Tiger Moth expected online later this year. Terry Scott conducted important interviews with our founders, Ken Arnott and Glen Rawson. New directors have been appointed. Ray Whittemore was thanked for his time as Treasurer. The new treasurer is to be named later in this meeting. No air shows were attended in 2015 but 2016 looks more promising. Hoping for Transport Canada exemption for ride sales. Volunteers are always needed for committees and maintenance.

Treasurer's report: Although he has resigned, Ray Whittemore presented the report as the accountant was unavailable. The accountant's report shows loss of \$44,227 but when depreciation and deferred revenue is taken into account the net loss was \$27,577. This was covered by money on hand so CHAA remains debt free. Ray thanked everyone who participated in the fundraising – either within the organization or through donations. He thanked Marg and Ila for their help. Ray received a standing ovation at the end of his presentation.

Pat was asked about the “non-audited” remark by the accountant and explained that it was a standard practice. Jeanette Rooke moved that the report be accepted. Jack Mackenzie seconded. Motion carried.

Terms of office for present directors were explained and the 2016 board was presented. The board members are:
Pat Hanna
Shane Clayton

Bill Shepard
Bjarni Tryggvason
Paul Hayes
Mel Blundell (one year left on term)
Terry Scott (term expired, reelected by acclamation)
Ken Mist and Poul Hansen (appointed to serve as directors)
Diane Lawrence moved that the board be accepted as presented. Ila Fallowfield seconded. Motion carried.

COpsO Report – Bjarni Tryggvason. Bjarni presented report for 2015. He stated that all pilots flew at least 5 hours in 2015. The Safety and Standards Committee is chaired by Paul Hayes. A discussion of the Transport Canada waiver was held.

Safety and Standards Committee – Paul Hayes. Paul indicated the committee is focusing on updating the Flight Operations Manual outlining the roles and responsibilities of flight operations and pilots. The first draft is to be presented to the Board of Directors in April.

Website - Pat said that Terry Scott sent a note to advise the website was undergoing a professional redesign. Terry is continuing to put out the Roar and is acting as secretary. (report on website)

Membership – Pat reported on behalf of Tracy Reddy that membership is standing at just over 600. Numbers have been stable for many years.

Stores – Pat said 2015 was not a good year for Stores due to the lack of events. \$10,000 in sales -50% from 2014. Hope for higher sales at airshows this year.

Melanie Burden flight coordinator – With the anticipated Transport Canada exemption, we will be able to advertise. 2015 saw 85 experiences, 34 gift certificates and 22 flights in one day in August. 7 fly-in events, 11 fly-pasts. The 2016 flight schedule is posted on website.

CTechO Shane Clayton - One of the most thorough maintenance years ever with wing spar work. Thanks to Ray W. HWX required extensive work with engine work to be done. Tiger Moth issues kept it grounded. 2016 will see her fly. Yale performed well. Attach angles issue to be addressed in 2016. Propeller overhauls and annuals continue.

Jack Viau motioned that Adam Shaw, Certified Chartered Accountant, be appointed accountant for the 2016 fiscal year. Paul Hayes seconded. Motion carried.

Pat spoke of the importance of the Yale in his closing remarks.

Members were reminded to buy banquet tickets from Jeanette.

The 50-50 draw was drawn by new member Anna. Stan Heddle won \$130 and donated his winnings back to CHAA.

Sandra Sparkes asked for volunteers to help with the setup and teardown at the banquet as well as ticket sellers.

Pat said the next Members Briefing will be in May – The April meeting is cancelled due to the annual banquet

The family of the soldier who died in Afghanistan and honored by a fly-past was introduced – Janet and David (last name withheld by family request) and a short film taken by Mike Lawrence was shown.

The meeting adjourned at noon.

Minutes of Canadian Harvard Aircraft Association Members Briefing May 21, 2016

The meeting was called to order at 10:05 by Terry Scott. President Pat Hanna is on vacation so Terry has stepped in to run the meeting.

Minutes of March 19th meeting – Read by Ken Mist. Accountant name needs to be amended to read Adam Shaw. Paul Hayes moved, Cathy Cowan seconded. Carried.

President's Report - No President's report available for presentation.

Treasurer's Report – Terry said that Poul Hansen was unavailable but mentioned that CHAA is currently in a deficit position of nearly \$13,000. Airshows, flight experiences and stores sales will hopefully address that situation quickly.

COpsO – No update from Bjarni Tryggvason but Paul Hayes said that FOM changes are almost complete and the letter to Transport Canada for exemption to allow public rides will be sent soon.

CTechO – Shane Clayton was busy with getting the aircraft ready for today's flying so no update available except that 4 Harvards are currently flying.

Safety and Standards – Paul Hayes reported that changes to manuals and clarification of responsibilities regarding safety are in process.

Membership – Tracy Reddy has no update but asked that everyone renew their membership as soon as possible.

Flight Experiences - Melanie Burden reported that the Trenton air show is confirmed and St. Thomas is looking promising. Flight schedules are available on website and everyone was reminded that gift certificates are available for flight experiences. No word on whether we will be invited to the London Air Show but we are hoping to hear soon. Will try to get CHAA Stores into London and Brantford. Terry mentioned that the group will be going to Trenton early (Thursday) to sell flights and merchandise.

New Business – Walther Irie of the Aircraft Recovery Team reported the team now has a boat and would appreciate any nautical items either for use or sale. The team is recovering metal from a quarry to resell. The Dunnville project (Harvard in Lake Erie) continues with the hope to be in a position to start recovery later this year. Hope to have a media event at their Wings and Wheels event on July 2nd. Parts recovered this year will go on display at Dunnville museum. In 2017, the hope is to start the actual recovery of the aircraft. Walt said they are looking for volunteers.

Terry Scott introduced our guest speaker – Art Barnard of Burlington, a 93-year-old veteran Spitfire pilot who provided us with stories of his time in service.

The 50-50 draw – Roy Venn won \$40 and donated the money back to CHAA.

Meeting adjourned at 11:42 AM.

Next meeting Member's Briefing scheduled for June 18th.

Images from Annual Fundraising & Awards Banquet – April 16, 2016

(Photos by Gus Corujo)



Mike Lawrence (left) accepts the Super Dzus Wrench Award from CTEchO **Shane Clayton**.

Hans Juergensen (right) accepts the “coveted” Golden Cockup Award from fellow pilot **Andrea Kuciak**. Hans was a “hands down” winner thanks to his unique safekeeping of CHAA funds following a day in which CHAA provided several flight experiences.



Melanie Burden (right) received the **Bob Hewitt Award** from **Sandra Sparkes**. The award honours the member who contributed most significantly to the overall success of CHAA, as chosen by the membership.



Below left, **Terry Scott** and **Lauren Lee** showcase one of the items during the live auction.



Bottom right, President **Pat Hanna** presents the President's Award to **Jeannette Rooke**. Terry Scott also received the award this year.



At right, board member **Ken Mist** accepts his Life Member plaque from Membership Chair **Tracy Reddy**.

Other new Life Members are **Tom Kaufman**, **Tony Salotti**, **Linda Moseley** and **Russell Moseley**. You may recall Russell flew in a Harvard at our 30th anniversary celebration last year, plus he was featured in a story that CTV Kitchener did on our celebration. Check it out at -- <http://kitchener.ctvnews.ca/video?clipId=635349> .



And finally, the Outstanding Contribution Award was presented posthumously to **Ken Arnott** (pictured at left at the 2012 Canadian International Air Show in Toronto), whom we lost in February at the age of 81. An ardent supporter of CHAA, Ken served in many ways as a director, secretary, merchandise salesman, public relations point of contact, researcher, educator, fund raiser and FRIEND TO ALL. Unfortunately, his wife Roz could not be on hand to accept the award. However, Ken was with us in spirit thanks to a short video presentation that Terry Scott produced following a biography he recorded with Ken just two weeks before his passing.



Gord Millar and **Pat Hanna** present guest speaker **Marc-André Valiquette** with a framed photo of Harvards as a thank you for delivering an informative and entertaining presentation on the history and ultimate demise of the Avro Arrow.

Successful Service Crew Training

Hats off to **Shawn Wylie** and **Shane Clayton** for staging an informative and productive Service Crew training weekend on April 23 & 24. Shawn sends a big thanks to everyone that attended and an even bigger thanks to **Shane Clayton**, **Jeremy Williams**, **Diane Lawrence** and **Mike Lawrence** for their assistance in making the course a success.

As an aside, Shawn says he's pretty sure our guests, **Gord** and **Ken** from the Saskatchewan Aviation Historical Society departed feeling overwhelmed, amazed and well-treated which, as we all know, is the CHAA way!



Photo by Keith Arnot Burr



Our friends from the Saskatchewan Aviation Historical Society, and newest CHAA members (**Ken Guliker** in the front seat and **Gord Lowe** in the back seat), at the end of our Service Crew training weekend.



Prop Wash for Bessy

CTechO **Shane Clayton** snaps a shot as Bessy's freshly overhauled propeller is ready to be installed. In Shane's words...."Some places use cranes or hoists...we like to use the 'Armstrong' method."



Above, what a treat for **Ken Mist** and **Mel Blundell** to give members of the Red Hat Society a tour of CHAA on May 17. Take note that the dedicated maintenance volunteers were still hard at work while the photo was taken!

Flying for a Memorial Service – By Mike Lawrence



As a member of The Canadian Harvard Aircraft Association, I was honoured to be asked to participate in a memorial service for a fallen Canadian soldier on February 20, 2016.

Here, I document the flight, the day, and hopefully, continue to pay respect to him and his family for his service and his sacrifice. We have been given permission by the family to share this with you.

All images were captured by CHAA volunteers involved with the flight. The songs in the soundtrack are significant to him and his regiment. The audio is not mine. No ownership is claimed by me, nor is any copyright infringement intended. https://www.youtube.com/watch?feature=player_embedded&v=l-FWVhMSFqw.



Harvard playin' in the mud

On April the 9th, pilot **Al Paige** was battling a gusty 90° crosswind with RZW (422) upon her return to YTB. He was forced off to the south side of the runway just west of the taxiway, crossed the taxiway and came to a stop in a big mud puddle between the windsock and the runway. There was no damage to RZW and no injuries other than Al's bruised ego.

Since the hydraulic system was acting up and basically not working, Al was hand pumping the gear and flaps by hand. He pumped the flaps down to 20° and on final the hydraulic system came to life. Since the flap handle was still in the down position, the flaps went to the full 45° and the wind did the rest.

Shane Clayton and the service team arranged for the loan of a tractor (a huge Terra-Gator used for spreading manure in the spring) and the dirty little piggy was freed the following morning.



Taiwanese students visit CHAA



On April 30, CHAA welcomed a group of 23 high school students from Taipei, Taiwan along with a handful of their peers from Woodstock Collegiate Institute. Last year, a group of students and staff from WCI travelled to Taiwan to launch the exchange and create a link with a sister high school founded by Oxford County-born **George Leslie Mackay**, a Presbyterian missionary. This year, the students from Tam King High School returned the favour and boarded with local families. CHAA was one of many stops during their ten-day exchange trip.

CHAA Visits Kiwanis Club

On May 9th, service crew member **Keith Arnot Burr** (left) and Director **Terry Scott** delivered a presentation about CHAA to the Kiwanis Club of Forest. Following the presentation, Terry accepted a thank you certificate from Kiwanis member **Ernie Butt**. By the way, if you are ever down Forest way (near Sarnia), be sure to check out the Kineto Theatre which was restored and is maintained by the Kiwanis Club. <http://kineto.ca/>



Bombs Away !!!!

Paul Belcher of Tillsonburg (on left) stopped by CHAA during the Board of Director's meeting on Sunday, May 15.

He presented CHAA with a pair of 11.5 pound dummy nosecones from RCAF practice bombs. **Shane Clayton** gratefully accepted the gifts and proceeded to do some bicep flexing.

RCAF rolls out BCATP CF-18

In the March edition of the ROAR, we told you about the proposed paint scheme for the CF-18 Demonstration Jet to recognize the 75th anniversary of the BCATP. Well, here it is!

The jet was unveiled during a ceremony at 4 Wing Cold Lake, Alberta on April the 5th. Congratulations to everyone on the team at 4 Wing who worked relentlessly to accomplish such a success! 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, June 25 & 26 in Trenton, ON, August 31 in Brantford, ON and Sept. 17 & 18 in London, ON.** For the complete schedule, visit <http://rcmf-arc.forces.gc.ca/en/cf-18-demo-team/schedule.page>.



Image by: Cpl I Thompson at 4 Wing Air Base, Cold Lake, AB.



Image by: Cpl Bryan Carter at 4 Wing Air Base, Cold Lake, AB.

Hollywood and the British Commonwealth Air Training Plan

By Major Bill March, RCAF

(NOTE: This story is a copy of an official work that is published by DND/CAF and has not been produced in affiliation with, or with the endorsement of DND/CAF.)

<http://www.rcaf-arc.forces.gc.ca/en/article-template-standard.page?doc=hollywood-and-the-british-commonwealth-air-training-plan/imr9k2wn>

Although focused on the commercial realities of film-making, Hollywood is, at its most basic level, concerned with the telling of stories and, unfortunately, it seems that war has been fertile ground from which to draw material. Being no exception, the Second World War has spawned countless films covering a myriad of subjects. However, there seems to have been only three films that either dealt with or touched upon the British Commonwealth Air Training Plan (BCATP).

That this number should be so low is not surprising. The BCATP, with its assembly line-like approach to aircrew training, was a vital contribution to the war effort but it lacked the visceral drama of combat. As well, the BCATP was a foreign endeavour and although it had a certain glamour – gathering individuals from many lands together against a common enemy – it was definitely not American and so was of limited interest to Hollywood. That being said, at least two of the films are American-centric.



Just before its entry into the Second World War, the United States was a nation divided. A large portion of the population, supported by official government policy, favoured staying out of what was viewed as a "European War". Yet there were also many Americans, often supported by unofficial government policy, who were sympathetic to the efforts of the countries fighting against the Axis powers. Between September 1939 and December 1941, a small number of them made their way across the Atlantic to join the Royal Air Force (RAF). But for almost 9,000 American citizens, the path to war led them to the Royal Canadian Air Force (RCAF) and the BCATP. Sadly, almost 900 of them lost their lives while wearing an RCAF uniform.

Sympathy for the fight against fascism, the participation of thousands of young Americans and the still thrilling "newness" of flight made an attractive mixture for a Hollywood looking for film ideas. With an initial script provided by Canadian screenwriters and the full support of the RCAF, Warner Brothers Studio agreed to undertake a picture that highlighted the BCATP. Called *Captains of the Clouds*, it was the studio's first Technicolor film, and featured James Cagney, Dennis Morgan, Brenda Marshall and Alan Hale, Sr. There was even a spot for Canada's Air

Marshal W.A. "Billy" Bishop, playing himself.

Filming took place from July to August 1941. The plot centres on a group of bush pilots who volunteer to join the RCAF once war has been declared. Various military scenes were filmed at RCAF Stations Uplands, Trenton, Jarvis and Mountain View (all in Ontario), with the climactic scene of the movie shot at RCAF Station Dartmouth, Nova Scotia. Although it did not premiere until February 21, 1942 – well after the United States had joined the war – it was generally well received by audiences if not by all the critics. Although it is definitely a "war-time" movie with some heavy-handed doses of patriotism thrown in, it is definitely worth watching, especially for its flying sequences featuring (now) vintage aircraft.

In contrast to *Captains of the Clouds*, the second Hollywood movie deals with the BCATP only in a peripheral manner. *A Yank in the RAF*, starring Tyrone Power and Betty Grable, was produced by Twentieth Century-Fox and filmed entirely in California.

The opening sequences show aircraft, vital for the BCATP, being towed across the Canada-United States border to avoid contravening the United States' neutrality law. This is followed by Power as a brash, young American pilot (is there any other kind in Hollywood?) "mistaking" Trenton, Ontario, for Trenton, New Jersey, and delivering an aircraft directly into the hands of the RCAF.

Filmed with complete support from the RAF, the film goes on to tell how Power joins the RAF for selfish reasons, but inevitably finds love (Grable) and his patriotism by the end of the film. If anything, the film is even more heavy-handed in its pro-Allied message. However, it does feature some song and dance numbers from Grable. Fifty years passed before another commercial film dealt with the BCATP, but this one came with a distinctive Australian-Canadian perspective rather than American. *For the Moment* tells the story of an Australian trainee, up-and-coming actor Russell Crowe, who finds love and adventure in Canada while undergoing pilot training.

Primary filming took place in August and September 1992, using former BCATP airfields in Brandon and Rivers, Manitoba. Many of the sequences were shot using aircraft from the BCATP Museum at Brandon, or within the museum itself. Although war-time training takes a backseat to romance in the film, it does provide excellent insight into the human aspects of air training in Canada during the war.

In many ways it is a shame that Canadian, or for that matter foreign, filmmakers have not paid more attention to the BCATP. These three movies are the ones that I am aware of that at least touch on air training in Canada during the Second World War. Two of them, *Captains of the Clouds* and *A Yank in the RAF* are available on YouTube, but you will need to work a bit harder to find a copy of *For the Moment*. In the meantime, if you are aware of any other commercial films (not documentaries) that look at the BCATP, please let me know at william.march@forces.gc.ca.

(Eds note: In the event you didn't know, CHAA's Yale, #3399, was one of the aircraft featured in Captains of the Clouds!)



Thank you, Barney!

CHAA thanks and salutes Art "Barney" Barnard of Burlington, ON who was the guest speaker at the May 21st Member's Briefing. The 93 year old Hamilton, ON native was 18 when he volunteered to serve in the RCAF. He made stops in Toronto, Picton, Sydney Nova Scotia, St. Catharines and Dunnville before being shipped overseas. Art was posted to 402 Squadron flying Spitfires on operational duty in Britain, France, Belgium and Holland. He gave an informative glimpse of his service time with tales of, and tributes to, many of his comrades. Sgt. Pilot Barnard was released and transferred to Reserve on Sept. 28, 1945. The following day, he "started the first day of the rest of his life."



To learn more about Art Barnard, visit <http://www.thememoryproject.com/stories/984:art-barnard/>.

COpsO Report by *Bjarni Tryggvason*

Starting the Year

We have had a good start to flight activities this year with several early display flights starting Feb. 12 and getting all pilots early annual check flights. Our first scheduled fly day unfortunately was on a day where the weather was just not suitable: low ceiling, high pretty much direct cross winds and uncomfortable temperatures, so had no flying at all. We need someone skilled in long range weather guessing to help select fly days. Any volunteers for next year?

Ground School

We had seven folks in the ground school this year, two had a good, but not quite sufficient, background to move onto flying the CHAA aircraft. We are expecting to see them again when that is rectified.

Conversion Training

We do have one pilot (John Picone) from last year's ground school now taking conversion training on the Harvard, following building up his tailwheel time over the past few months.

Annual Check Flights

All of our pilots completed their annual check flight by the third week of May, the fastest I have seen this accomplished since I started flying here.

Formation

Last year we had three pilots achieve CHAA 4-plane solo formation qualification and able to practice that on several display flights. On May 14, all three - **Al Paige, Scott McMaster** and **Percy Contractor** - passed their FAST check rides so we now have six FAST qualified formation pilots: **Dave Martin, Bill Shepard, Bjarni Tryggvason, Al, Scott** and **Percy**. We have several others that have achieved 2-plane solo formation status: **Andrea Kuciak, Terry Beltaos** and **Hans Juergensen**, and a few more working on that.

Airshows for 2016

We are confirmed in two airshows this year: Trenton June 24-26 and St. Thomas June 17-19. We will be working on polishing our form over the next few weeks, expecting **Bill Shepard** to lead in St. Thomas and **Dave Martin** to lead in Trenton. Come out to cheer and critique.

Significant FOM (Flight Operations Manual) Changes

At the last board meeting the following changes were approved to our FOM:

"In order to be considered to becoming a CHAA Pilot a candidate must have the following qualifications and experience:

- A minimum of 400 hours flight time
- A Canadian Commercial Pilot License (CPL) for passengers sponsored flights
- At least 25 flight hours as pilot-in-command (PIC) on tail-wheel aircraft, including at least 100 tail wheel flying cycles.
- Prior to conversion to the CHAA Harvard aircraft a pilot must have a minimum of 10 flight hours as PIC on complex aircraft, defined as aircraft with retractable gear and constant speed propeller.
- A CHAA pilot candidate pilot must attend the CHAA basic ground school training prior to undertaking conversion training to CHAA aircraft."

This change is essentially to ask more of CHAA pilots to enhance flight safety.



CHAA Aircraft Recovery Team Update

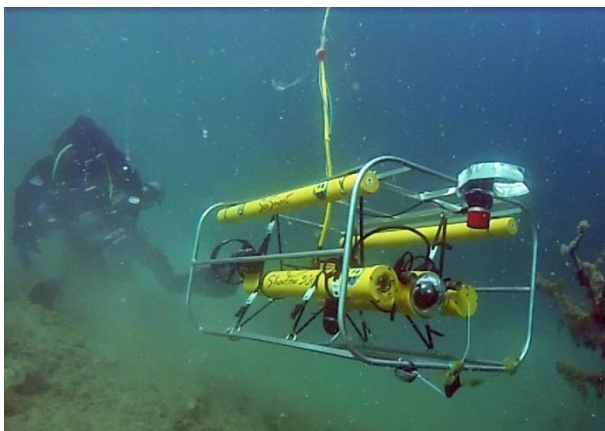
- Walther Irie

Quarry Day - Sunday June 5th

We will continue with the metal recycling at the quarry as part of our boat rebuild fundraising project. It will also be an opportunity for divers to hone up on their lift bag skills. We plan to have scooters and U/W video camera for divers to try out. We will meet at Phil's Welding for 9:00 AM and proceed to the quarry. There will be other quarry dates with the ROV and diver training.

Lake Erie Harvard Project

We have submitted an application for the recovery of Harvard 2963 from Dunnville. We are also planning to go to CCI (Canadian Conservation Institute) in Ottawa in the very near future (Date TBD) to discuss how best to preserve these artifacts. For more on CCI, visit : <http://canada.pch.gc.ca/eng/1454704828075>



We met with the Dunnville Museum on May 7th and they have a workshop ready to receive the parts that we plan to recover this year. Once we have our license, Greg Steffler will set up dates for video and recovery.

Dunnville Museum Presentation - Saturday June 18th



We are doing a presentation to the Dunnville membership showing the latest pictures and video taken of Harvard 2963 crash site. This will allow the membership to meet and work with us on the planning of the recovery project. We welcome all our members to join us that day.

Currently we have set a date of Saturday July 2nd for a local media event about the joint recovery project between Dunnville Museum and CHAA's Aircraft Recovery Team. They will be having their Wings & Wheels event and we are hoping to announce the project on that date. I would like to ask that as many of our members be present so we can do group photos with Dunnville's team.

Kingston Search - July 15th to 17th

We are working on accommodations (up to 10 People) in Kingston to search for two Harvards off Wolfe Island. If you are planning to go, make sure to contact [Paul Darnbrough](#) or email him at tazzer9797@yahoo.com. \$150 deposit is required to secure your spot.

Also a reminder that CHAA's Wings & Wheels Event is Saturday Sept 10th and we would like to have as many of our team members present for that event.

I would also like to ask that everyone make sure your CHAA Membership is up to date. It is important we support the museum we represent.

Walt

Fond farewell for famed Canadian aviator George Neal, 1918-2016

Canadian Aviation Hall of Fame legend George Neal died peacefully at age 97 at his home in Toronto on April 4, 2016. His passing came less than a year after he entered the Guinness Book of World Records as the oldest active licensed pilot in the world. He flew his personal de Havilland Canada DHC-1 Chipmunk from Brampton Airport to Pearson International Airport to achieve the honor.



George Neal celebrates his 90th birthday (November 21, 2008) at the Toronto Aerospace Museum in Toronto, Ontario. He received greetings and best wishes from the Lieutenant Governor of Ontario (on behalf of the Queen), the Prime Minister of Canada and the Premier of Ontario. PHOTO/TEXT: ©Ken Mist

Neal learned to fly at the Toronto Flying Club in 1935 and earned his pilot's license in 1936. He worked at de Havilland Canada until 1941, when he enlisted in the RCAF and served as a flying instructor, flight commander and test pilot. In 1946 Neal rejoined DHC, where he enjoyed an illustrious career for the next 37 years. He became Chief Test Pilot in 1948, participating in unique experimental programs. One was testing of the de Havilland Dove as a float plane, a concept that did not prove feasible. He was one of the first Canadian pilots to be qualified on the first RCAF jet fighter, the de Havilland Vampire. During one flight test, the engine failed well north of Toronto, but Neal was able

to glide the Vampire back to the airport for a Downsview for a successful dead-stick landing.

Neal made the first flight of the DHC-3 Otter in December, 1951, and the first flight of the DHC-4 Caribou in July, 1958, with two crew members. He had a perilous flight in 1959, flying a Caribou intended for delivery to the US Army. The aircraft developed tail flutter during high-speed trials and became uncontrollable. Neal, and Department of Transport pilot Walter Gadzos, were forced to bail out. Both men got down safely before the aircraft crashed near the town of Uxbridge north of Toronto. Neal's excellent attention to detail prevented a fire following the crash and enabled a study which led to the cause of the flutter.

After test flying and demonstrating most of DHC's STOL designs, Neal retired in 1983 as Director of Flight Operations. He was also an outstanding restorer of vintage aircraft, including a DH 60 Moth and DH 87B Hornet Moth. He was restoring a flying replica of a Hawker Fury, similar to those flown by a precision RAF aerobatic team over the Toronto Flying Club airport in 1934, at the time of his passing.

Neal was also chief pilot for the National Aviation Museum until 1991, when the museum ended flying vintage aircraft. Neal flew the Sopwith Pup, Avro 504K, and Nieuport 17 in the museum's collection. Among his many accolades, Neal won Canada's most prestigious aviation award, the Trans-Canada (McKee) Trophy, in 1989. He was inducted as a member of Canada's Aviation Hall of Fame in 1995. In 1999, he was commemorated by the Royal Canadian Mint, with a \$20. coin with his profile and the DHC-6 Twin Otter on the reverse and the Queen on the obverse. He accumulated about 15,000 hours on more than 100 different aircraft. As the citation for the McKee trophy stated, "Perhaps no other pilot in Canada has had such a varied and complete career in aviation." A memorial service was held for Neal at the Brampton Flying Club on May 14, 2016.

To see an interview with George, visit <https://www.youtube.com/watch?v=YoW4QzIERkw>.

(Article compiled by CHAA member Gord McNulty.)

The Canadian Harvard Aircraft Association's

Wings & Wheels Family Fun Day

9th Annual!



Saturday, September 10th, 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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