



## **Van Arty Assoc and RUSI Van Members News May 20, 2014**

### **Wednesday Lunches**

The Mess has downgraded the dress requirements for Wednesday lunches to Business Casual. Business casual can best be described as our 'summer dress'. Minimum requirement is an open neck button up shirt with dress pants or slacks (no blue jeans, pls). Of course we never discourage the wearing of jackets and ties.

Just a reminder to attendees:- remember to deposit your lunch tickets in the receptacle when you pick up your soup/salad. More importantly, if you bring guests please make sure they turn in their tickets. At the moment we are missing tickets 10 & 13 - please check your pockets and with any lunch guests you brought in the last couple of weeks.

### **Battlefield Tour Opportunity 12-14 September 2014**

75<sup>th</sup> Anniversary of Manning of the Guns at Yorke Island.

Here is your opportunity to join the Officers & Gunners of 15 FD RCA as they return to commemorate the manning of the guns at Yorke Island in August 1939.

Departure of the tour will be from the Bessborough Armoury at 6 PM on Friday, 13 September 2014, with transportation to Yorke Island on the morning of the 14<sup>th</sup> to attend a dedication ceremony at the gun position, BBQ lunch, tour of the island, and a reception in the evening at the Village of Sayward Royal Canadian Legion. After an overnight stay at Sayward, the tour will return by ferry to the armoury on the afternoon of 14 September 2014.

There will be options for those who wish to stay overnight with the troops on Yorke Island, with the remainder being quartered in Cabins at a nearby resort.

There are a few opening left for this trip. Interested parties can email me for a tour application form.

### **Canadian soldiers participate in Exercise ORZEL ALERT**

Approximately 50 soldiers from the 3rd Canadian Division based in Edmonton, Alberta, comprised of a platoon from 3rd Battalion, Princess Patricia's Canadian Light Infantry and support staff departed on May 2 for Poland. Their participation in this United States-led

multinational exercise will include training in parachuting, airborne operations and infantry skills.



The Canadian Army has a strong military relationship with its Polish Allies, having trained with them on a number of occasions. Recently, Canadian and Polish parachutists trained together in Quebec during Exercise RAFALE BLANCHE from January 28 to February 5, 2014. Canadian soldiers joined American mentors in

Poland to prepare a Polish headquarters to go to Afghanistan last October.

Canadian and Polish soldiers also participated in Exercise RAPID TRIDENT from July 8 to 9 in 2013. The Canadian Army also trained with Polish, Lithuanian and Ukrainian counterparts during Exercise MAPLE ARCH, most recently from September 9 to 20 in 2013.

The Canadian Armed Forces have been a major contributor to NATO operations since its founding 65 years ago. Canada continues to provide modern, deployable capabilities to Allied missions and highly trained personnel to its command structure.

## **Textron to Develop New Carbine for Ammo Using Plastic Casings**

May 14, 2014 • Section: Defence Watch Posted by: David Pugliese

HUNT VALLEY, MD—(Marketwired – May 14, 2014) – Textron Systems Unmanned Systems, a business of the Textron Systems segment of Textron Inc. (NYSE: TXT), through its Light Armaments team, announced today a \$5.7 million contract from the Defense Ordnance Technology Consortium and the U.S. Army’s Armament Research, Development and Engineering Center for continued development of lightweight, Cased-Telescoped (CT) weapons and ammunition. Under this two-year award, the team will develop a CT carbine, as well as 7.62 millimeter (mm) CT ammunition and a machine gun operating mechanism. The CT ammunition utilizes a plastic casing to reduce weight significantly versus conventional ammunition while maintaining performance.

The Textron Systems Light Armaments team developed the flagship 5.56 mm CT Light Machine Gun under the Lightweight Small Arms Technologies (LSAT) program. The LSAT Light Machine Gun recently took part in the Army’s Dismounted Non-Networked Experiment at Fort Benning, Ga., receiving positive user feedback. Providing up to a 40 percent, or 20-pound, weight reduction over current technology, the LSAT Light Machine Gun and 5.56 mm

CT ammunition have been demonstrated at Technology Readiness Level 7, while improving both lethality and reliability.

Leveraging the success of this design, the team has created a family of lightweight, 5.56 mm CT weapons. This includes a compact Light Machine Gun with a quick-change, 12-inch barrel and folding buttstock, developed for close-quarters applications and tested in 2012 by the U.S. Army Special Operations Command, as well as the operating mechanism for a carbine variant. The team also has developed an innovative caseless ammunition design, demonstrated to provide even greater weight reduction versus current technology. The Textron Systems Light Armaments team intends to leverage the demonstrated success of prior designs to extend CT weapon and ammunition technologies to additional calibers and weapon configurations on the new program. For this effort, it leads a skilled team including Alliant Techsystems (ATK), ARES Incorporated, MSC Software and St. Marks Powder, a General Dynamics company.

## **Arlington's Journey: From Division to Reconciliation**

By Jim Garamone American Forces Press Service

ARLINGTON, Va., May 13, 2014 - Today, as Arlington National Cemetery marks the 150th anniversary of its first burial, it is a scene of harmony and reconciliation. It didn't start that way. Before the Civil War, the property overlooking the Potomac River -- called the Custis-Lee Mansion or Arlington House -- was the home of Robert E. Lee. The house and grounds belonged to Lee's wife, Mary, and in 1861 the Lee family had called Arlington home for 30 years. Lee was at Arlington House when he received word that Virginia had seceded from the Union in April 1861. This caused a crisis for Lee, who was a U.S. Army colonel at the time. He had been offered command of the Union Army, and he agonized over the decision on whether to stay with the Union or go with his state.

On April 20, Lee submitted his resignation from the Army. He left Arlington House two days later. He ultimately rose to command the Confederate army. Across the river in Washington, another Southern officer came to a different decision. Montgomery C. Meigs was a Georgian who graduated from West Point and as a Corps of Engineers officer and had built many of the major projects of the day. Meigs considered his oath to "support and defend the Constitution" as paramount, and when his home state of Georgia seceded, he stayed with the Union. Meigs rose to be quartermaster general of Union forces. He was one of the first officers anywhere to understand the importance of logistics in military operations, and he welded together a system that capitalized on the Union's manufacturing and transportation expertise.

For Arlington House, whether Lee stayed with the Union or went with Virginia didn't really matter in 1861, because the property was so strategically important, Arlington National Cemetery historian Stephen Carney said. The property included high ground and dominated two bridges into the district. If Confederate forces placed artillery units on the heights, they would have had everything from the White House to the Capitol and more in range. In one of the first movements of the Civil War, Union forces occupied Arlington and built two forts on the heights as part of the defenses for Washington. Lee's family lost the land for failure to pay tax on the

land. Mary Lee had attempted to pay the tax -- a total of \$92.07. She did not appear in person, but asked an agent -- possibly her cousin, to do so, according to Carney. But the federal government refused to accept the tax payment from that person. The government acquired the house and land for \$26,800 in 1864 and built a Freedman's Village on the property to house the freed slaves who gravitated to Washington.

On April 30, 1864, the Army of the Potomac began the Overland Campaign against the Army of Northern Virginia. Union Lt. Gen. Ulysses S. Grant moved across the Rappahannock River and immediately ran into Lee's forces at the Battle of the Wilderness. But instead of a one-day battle, as was the case before, the warfare ground on with battles in Spotsylvania, Yellow Tavern, North Anna, Cold Harbor and so on. It was a blood-letting the likes of which the world hadn't seen. Estimates vary, but Civil War historians put the number of casualties in the range of 55,000 for the Union and 34,000 for the Confederates. Washington was the closest city and served as the base of operations. It was a hub where rivers, roads and rail came together. It was both a supply center and a hospice, Carney said. And in charge of it all was Union Brig. Gen. Montgomery Meigs, the quartermaster general. Meigs detested the Confederacy and the officers who had betrayed their oaths to the United States of America. He was responsible for supplying the needs of the Union Army, and he also was responsible for burying them.

In May 1864, the graveyards of Washington and neighboring Alexandria were overwhelmed by the demand. Meigs ordered a review, Carney said. Engineers came back saying that Arlington was the most suitable site. "It was high above the river and the center of many roads," Carney said. That it was the home of Robert E. Lee -- the author of much of the destruction -- was not lost on Meigs, Carney said. Meigs had served under Lee in the pre-war Army as the two worked to improve navigation on the Mississippi River. They knew each other well. When Lee followed his state, Meigs felt betrayed. Establishing a cemetery on the property would ensure the Lee family could not re-occupy the land or house, Carney said. The first military burial at Arlington was Pvt. William Henry Christman on May 13, 1864. The 67th Pennsylvania Infantry soldier was buried a good distance north of Arlington House. Meigs saw this and ordered the next burials to be in what was Mary Lee's rose garden, feet from the door to Arlington House, Carney said. Meigs formally declared the cemetery open in June 1864, and thousands of burials followed. At the end of the war, Meigs gathered the bones of thousands of Union soldiers that had been hastily buried at Virginia battlefields, and placed them in a burial vault in the rose garden.

The Lee family ultimately received payment from the federal government for Arlington House, but no one ever lived in the house again, Carney said. The cemetery became a focal point during Decoration Day. Thousands of Americans journeyed to Arlington to place tributes on the graves of those buried at Arlington. The cemetery also became a visible sign of reconciliation -- it features a Confederate Monument with the graves of Confederate veterans around it. The construction of the Memorial Bridge in 1932 symbolically linked the Lincoln Memorial in Washington with Arlington House in the midst of the cemetery.

## **Backyard fall-out shelter 50 years after Cold War**

*Wisconsin family discovers fully-stocked fallout shelter in their backyard*

By DAILY MAIL REPORTER 2 May 2013

For more than a decade after they moved into their house in Neenah, Wisconsin, the Zwick family knew they had a Cold War bunker in their backyard. It was not until 2010 that anyone thought to open the heavy steel hatch, climb down the ladder and explore the 8-foot-by-10-foot chamber that the home's previous owner had built to protect his family from a nuclear attack. Floating in five feet of water that had seeped into the bunker were sealed US Army boxes packed with all of the supplies a family would need to survive two weeks underground. 'We assumed it was just this empty space,' homeowner Carol Hollar-Zwick told the Appleton Post-Crescent. The boxes, old military ammunition crates, contained markings that suggested there

might be explosives inside, so the family called the local branch of the Bureau of Alcohol, Tobacco and Firearms. Agents opened the crates to find... Hawaiian Punch.

'It was all of what you would expect to find in a 1960s fallout shelter. It was food, clothing, medical supplies, tools, flashlights, and batteries - items that you would want to have in a shelter if you planned to live there for two weeks.'

Everything remained

remarkably well-preserved, thanks to the airtight containers the supplies were kept in. The family donated all of the items to the Neenah Historical Society, which has curated an exhibit about the Cold War and the fear of the Soviets using 'the bomb.'

'It's interesting that you can open up something and find 1960 inside of it,' Mrs Hollar-Zwick told the Post-Crescent. The home's previous owner was Frank Pansch, a local surgeon, built the shelter in 1960 - two years before the Cuban Missile Crisis had Americans across the country digging their own 'fallout shelters' in their backyards. The idea of a fallout shelter was not to protect from a nuclear blast, but rather from the radiation that would likely contaminate the surrounding area. It's unknown what fallout the late Dr Pansch was expecting in Neenah. The small Wisconsin city is 100 miles from Milwaukee and nearly 200 from Chicago - the population centers that might have been targeted by the Soviets.

See more pictures: <http://www.dailymail.co.uk/news/article-2318059/Wisconsin-family-discovers-fully-stocked-fallout-shelter-yard-50-years-installed-height-Cold-War.html#ixzz32HULm54z>



## **Protecting Canadian Army Vehicles from GPS Jamming**

*Low Cost Solution Developed to Protect Canadian Army Vehicles from GPS Jamming*  
May 16, 2014. • Section: Defence Watch Posted by: David Pugliese

For Canadian soldiers in the field, accurate positioning and timing information is critical to operations. A few years ago Defence Research and Development Canada (DRDC) identified a requirement to develop an innovative, low cost solution to protect land vehicles in Canadian Army like the Light Armoured Vehicle (LAV) III from GPS jamming. The device has evolved from a prototype to a product undergoing testing through two separate contracts. Under the first contract, an industrial research contract with DRDC, Calgary-based NovAtel developed the GPS Anti-Jamming Technology, or GAJT, prototype. NovAtel continued to develop the technology and recently released a commercially available product, the GAJT-700ML.



“The Canadian Army requires accurate, secure and reliable access to Global Positioning Systems to conduct operations throughout the full spectrum of conflict in all potential theatres of operation,” said Colonel Andrew Jayne, Director Land Requirements. “With the ever-increasing demands on the electromagnetic spectrum and threat of harmful interference, technologies which contribute to the assurance of position and timing information are a critical enabler of Army and Canadian Armed Forces operations in today and tomorrow’s operating environment.”

“GAJT is a great example of a technology with its roots in research that has evolved through years of work into a product that the CAF can use to their advantage,” said Mike Vinnins, of DRDC’s Navigation Warfare Group. The Canadian Army’s Directorate of Land Requirements (DLR), the Quality Engineering Test Establishment (QETE) and the Canadian Army Trials and Evaluation Unit (CATEU) conducted field testing of GAJT from 3 to 6 March, 2014 on a LAV III Observation Post Vehicle (OPV) at Canadian Forces Base Garrison Petawawa. Public Works and Government Services Canada procured GAJT for testing through its Build in Canada Innovation Program (BCIP). Defence Scientists from DRDC’s Navigation Warfare group provided key scientific and technical support at the field test. “We provided localized low power jamming of the LAV III OPV to test the effectiveness of the GAJT at preventing interference from GPS jamming,” said Scott McLelland, a DRDC Defence Scientist who attended the test.

DRDC’s data logging equipment was used to record the performance of the LAV III’s navigation systems during the trial. “The data logger integrates into the LAV III’s sophisticated electronics to capture the data from its navigation systems,” explained McLelland. “It allows the personnel evaluating the test data to visualize the impact of GAJT in jammed and non-jammed environments on the LAV III’s recorded position as it traveled along a predefined route.”

# 15 Field Artillery Regiment Change of Command Ceremony



The Commanding Officer  
And  
all ranks of  
The 15<sup>th</sup> Field Artillery Regiment,  
Royal Regiment of Canadian Artillery  
request the pleasure of your company at the  
Change of Command ceremony

between

Lieutenant-Colonel Kent Wickens, CD

and

Lieutenant-Colonel Brent Purcell, CD, AdeC

To be held on

25 May 2014, at 1400 hours

at

Bessborough Armoury, 2025 West 11<sup>th</sup> Avenue, Vancouver BC.

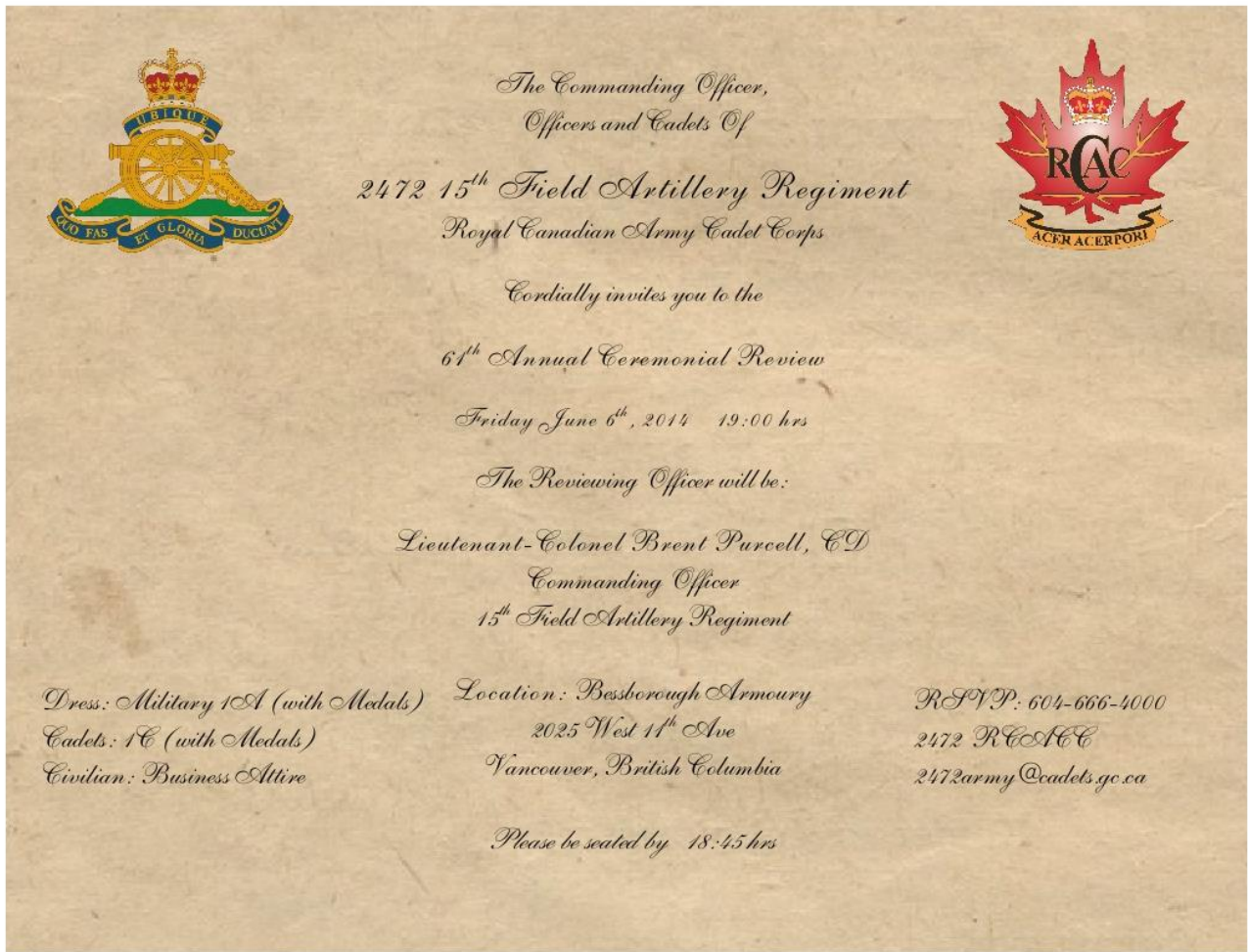
Guests are asked to be seated in the Armoury by 1345 hours.

Reception to follow in the Officers' Mess

Dress:  
DEU No.1A or business attire

RSVP  
the Adjutant at  
[Wayne.Baxter@forces.gc.ca](mailto:Wayne.Baxter@forces.gc.ca)

# 15 Field Cadet Corps Annual Review Parade



## Who is it?

### **Last Edition.**



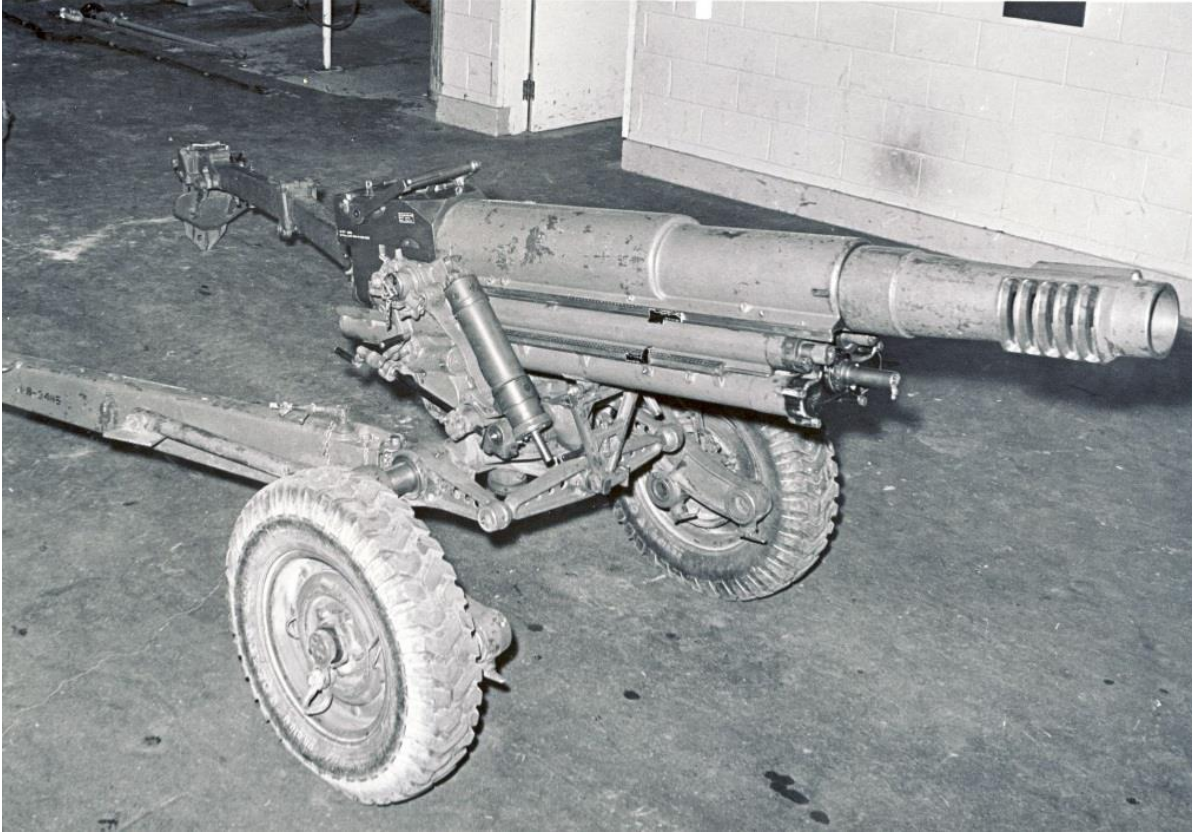
Harron Brothers funeral home on West Broadway. Later became the 'Chapel of Chimes'. We haven't yet found out who the funeral was for but it was definitely for a Cadet as the guard of honour, pallbearers and onlookers are all Cadets.

**This Week** Given that the average of readers of this column is probably somewhere in the early 20s, we thought we'd bring things a bit closer to the current times with this week's photo, which dates from sometime before it was accessioned, in 1986, well before I was out of short pants.

The gun is the Italian OTO Melara Model 56/14 105mm pack howitzer, developed in the 1950s and used by the Canadian Forces (the L5) at one time. However, we'd like to know the exact date of this photo, and where it was taken, hard as that may be to identify. Was it every



demonstrated to 15<sup>th</sup> Field Regiment, or is this photo from Shilo or elsewhere? It is part of a sequence that shows two guns being tied together for transport by helicopter. One of the photos



shows a Chinook doing so, but the shot is not from this particular photo session.

So, are you familiar with this gun, and/or with any connection to the regiment? If so, or if you just have a good story to tell, let the editor, or the author, John Redmond ([johnd. redmond@telus.net](mailto:johnd.redmond@telus.net)), know the details.

### **From the ‘Punitary’**

Nuts are so expensive these days. They cost you nearly an almond and a leg.

### **Murphy’s other Laws**

A military disaster may produce a better postwar situation than victory.

### **Quotable Quotes**

Faith is not wanting to know what is true. *Friedrich Nietzsche*



## Vancouver Aviation Show 2014

Show website: [www.VancouverAviationShow.com](http://www.VancouverAviationShow.com)

Saturday October 18, 2014

Hours 10:00am- 5:00pm / Richmond Rod & Gun Club Auditorium

7891 Cambie Rd. (Cambie & River Road, Richmond)

\$4 admission / Tables \$45 + PST/GST

Models, Books, Slides, Postcards & Other Collectibles

[Book your table now!](#)

### Richmond Rod & Gun Club auditorium



auditorium.

We have finally confirmed the date and venue for this year's show. Unfortunately the folks at Oakridge Mall were not willing to provide their auditorium. So we had to find a new place. The new location is the Richmond Rod and Gun Club

The Richmond Rod & Gun Club auditorium is located 50 yards west of the Aberdeen Station in Richmond on Cambie Road (at River Road), close to all amenities, food, the airport, and there is plenty of free on site parking and street parking.



To book your table for this year's show visit the [website](#), complete the [table registration form](#) and mail it in along with your check. We also now accept payment in bitcoin as shown on the [website](#).



Please visit the show's [facebook page](#) for news and updates. You can [LIKE](#) the page and indicate if you will be attending the show.

**SLIDE SHOW:** If there is enough interest, this year we plan to have a Saturday evening slide show and pizza night, after the show end. Tickets will cost \$7 to cover the cost of pizza and drinks, we'll be selling tickets at the show, or you can pre-pay your tickets with your table rental. The slide show will run from 7 pm until 10 pm.

We always enjoy hearing from our show attendees, and look forward to hearing from you!

If you have a question ... please contact me any time.

Henry Tenby, organizer  
[www.VancouverAviationShow.com](http://www.VancouverAviationShow.com)



*Henry Tenby*



## Canada's D-Day Tribute Campaign

JUNO  
BEACH  
CENTRE®

On June 6, 1944, D-Day, **359 Canadians** were killed in action on the beaches of Normandy.



70 years later, the Juno Beach Centre commemorates their sacrifice by installing **359 Tribute Markers** – one for each fallen soldier – on Juno Beach.

These men came from communities across Canada. Honour a soldier and show your support for the Juno Beach Centre. **Sponsor a Tribute Marker today.**

### How to Help:

Get together with your family, community, or organization to sponsor a tribute; or, make an individual donation in honour of Canada's fallen.

### Why are we doing this?

To raise awareness of the role Canada played in the D-Day Landings and to honour those who lost their lives. In addition to ensuring the placement of the tributes in time for the 70<sup>th</sup> anniversary of D-Day, the funds raised through this initiative will help to pave the way for future commemoration and educational programming at the Juno Beach Centre.

For more details, visit [www.junobeach.org/tribute](http://www.junobeach.org/tribute) or contact Jen Sguigna at [jsguigna@junobeach.org](mailto:jsguigna@junobeach.org) or by phone toll-free at 1-877-828-JUNO (5866).

### SPONSOR A TRIBUTE

Individual D-Day Tributes can be sponsored for a minimum of \$500.

Each sponsor will receive a tax receipt for their donation, as well as recognition on the marker and on the Juno Beach Centre's website.

### MAKE AN INDIVIDUAL DONATION

Donations can also be made in the name of a veteran or family member and every donor will be recognized on our website.

Contributors will receive a tax receipt for their donation (minimum \$25).

*Remember Today.  
Remember Always.*

