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COLT CANADA CORPORATION

Product/Service Engineering:

Colt Canada has established an outstanding reputation for our particular ability to develop and implement product solutions customized to suit specific user requirements. New challenges presented by our clients spur our ongoing product development and improvement. The design team is continually reaching new heights in conceptual design, product definition, rapid prototyping, materials, manufacturing methods, and verification testing.

Quality Assurance & Testing:

Our Quality System is certified and registered to ISO 9001:2008. Canadian Forces Quality Assurance representatives reside on site at our manufacturing facility and are available to support our export clients.

Integrated Logistic Support:

Colt Canada's ongoing support extends from the design phase through the life cycle of the weapon system.

Armourer and Operator Training and Aids:

Instruction is available at our facility or a location of your choice. Top quality training aids from animation to cutaway weapons will be made to specification.

Spares Programs:

From initial provisioning to ongoing supply, top quality components are always available.

Repair & Overhaul:

Colt Canada manages a large repair and overhaul facility that is capable of performing R&O on all Small Arms including .50 Cal Machine Guns and beyond as required.

Technical Publications:

Colt Canada produces world class professional publications including: repair manuals, on-line libraries, and courseware.

Ongoing Engineering Support:

Colt Canada's Engineering Team is available for product improvements, contracted testing and any other engineering support requested by the client.

C7 Users Group:

Our military customers gather bi-annually to share information about the weapons systems. Here we are able to discuss new design ideas and corrections if required.

Technical Service Bulletins:

Maintenance processes are under constant review and product innovations are tested on a regular basis. This information is shared with existing clients on a regular basis.

Product Range:

Accessories - A full range of accessories are available for integration with the main products to provide systems specifically tailored to client requirements.

Great People Producing Outstanding Results:

Colt Canada's continued success in providing clients with leading edge products, services and systems is made possible through the outstanding skills and capabilities of the men and women who are Colt Canada. Our employees understand and accept the profound responsibilities of delivering critically important products and services to military and law enforcement clients. They take pride in making that responsibility an integral part of everything they do.

- NOTE -

- On May 20, 2005, Cost Canada Corporation became a substolary of Cost Defense LLC, West Hartdord, Connecticut, USA. The C7 rifles and C8 carolines displayed in this procritical interests of the Cost Defense in 16744 models.
- Colt Defense LLC is the owner of the M16/M4 technical data packages used to make these weapons. As such, Colt Canada is the sole source supplier of the C7/C8 weapons to the Canadian military and Colt Defense is the sole source supplier of the M4 carbine to the U.S. military.
- The products offered for sale in this catalogue are available for purchase by military and government law enforcement agencies, subject to applicable Canadian and US laws, including, but not limited to: the Canadian Automatic Firearms Country Control List (AFCCL), ITAR and ATF regulations, and other restrictions. Accordingly these products are not for sale or resale to the general public or to any unauthorized party.
- 7.62mm Chain Gun® weapons are manufactured by Colt Canada, under licence from ATK®.



INTEGRATED UPPER RECEIVER

Introducing the Colt Canada Integrated Upper Receiver (IUR). Today's high tech battle situations require our soldiers and law officers to bear the burden of multi-tasking many accessories from lasers and lights to electronic sighting systems at once. Engineered to give the operator the maximum in flexibility, this solid, light-weight, one piece upper receiver fits smoothly onto any Colt Canada lower receiver to make the IUR transition quick and simple. Expensive third party rail systems that may be complicated and prone to breakage due to the stresses of hard training and use in combat, are no longer required. The IUR gives the operator Four Solid Rails in Weaver or MIL-STD 1913 (Picatinny) configuration: rails @ 3 and 9 o'clock positions for accessory mounting; one reinforced 6 o'clock rail with recoil lug for mounting an underslung grenade launcher, shot-gun or a forward grip and one 12 o'clock 355mm or 500mm continuous rail for various inline sighting options. Barrel length now becomes an option! Your Colt Canada, cold hammer forged barrels can be easily swapped out to suit operational requirements, from Close Quarter Battle 11.6", Standard 14.5", Extended 15.7" or Rifle 20". The IUR is a float tube, removing all external influences from the barrel. The floating barrel provides for greater, sniper like, accuracy from a system that already fires 1 MOA. The IUR is here!



ONE SOLUTION COMMAND SITUATIONS DEMAND C

DOOR KICKERS

CLOSE QUARTER BATTLE CONFIGURATIONS Barrel - 11.6" HEAVY Fire Control - AUTO or SEMI

11.6" Based on Upper Receiver P/N 13334C

PATROLLERS

TACTICAL CARBINE CONFIGURATIONS

Barrel - 14.5" HEAVY

Fire Control - AUTO or SEMI

Based on Upper Receiver P/N 13334C



ORIGINAL C8 CARBINES

The C8 carbine became popular with vehicle crews, police and special operations forces due to its short barrel and adjustable stock. It is now employed by Armed Forces and Police units world-wide as their standard issue battle/patrol rifle. The original gas impingement system in 5.56 mm has been battle proven in harsh combat environments, from Arctic snow and ice, to Desert sands, for over 25 years in the C8 configuration and even longer for the colt Carbine for M4 versions. The C8 inherited the basic footprint of its American cousin the Colt Carbine. Years of development in partnership with the Canadian Armed Forces have made this weapon system distinctly Canadian. One of many but certainly the most significant development is the cold hammer forged heavy barrel, which gives the C8 a much longer service life than other AR systems. The C8 can be custom-configured to meet any operational requirements. Barrel lengths in 10" or 11.6" CQB, 14.5" C8A3, or 15.7" SFW, along with the many accessory and sighting options available create a weapon system that is flexible and adaptable to your unit's small arms requirements. It will certainly be the most popular with your troops. Speak to a Colt Canada rep about your requirements and options.



• Special carbine chamber and gas system

P/N 07606C-7

FULLY CUSTOMIZABLE C8 CONFIGURATIONS

TAILOR YOUR FLEET TO MEET YOUR UNIT'S TACTICAL REQUIREMENTS

C8CQB

CLOSE QUARTER BATTLE CONFIGURATIONS
Barrel - 10" or 11.6" HEAVY

Fire Control - AUTO or SEMI

P/N 09039C-1

C8A2

C8 TACTICAL CONFIGURATIONS

Barrel - 14.5" HEAVY

Fire Control - AUTO or SEMI

P/N 07606C-7







P/N 15450C-1

COLT CANADA 20085 PD 40 m m VELOCI E.A.G.L.E. GRENADE LAUNCHER The Colt Canada EAGLE is a single shot, side-loading, direct fire grenade launcher that incorporates a double action trigger and features an ambidextrous barrel and controls. The double-action trigger allows the operator to safely re-strike a misfired cartridge without having to open the breech to re-cock the firing mechanism. The Mark III design has evolved, through extended technical firing and operator testing, into a launcher of reduced overall weight and size, with safety functions similar to those of the host weapons. The launcher

The Colt Canada EAGLE is a single shot, side-loading, direct fire grenade launcher that incorporates a double action trigger and features an ambidextrous barrel and controls. The double-action trigger allows the operator to safely re-strike a misfired cartridge without having to open the breech to re-cock the firing mechanism. The Mark III design has evolved, through extended technical firing and operator testing, into a launcher of reduced overall weight and size, with safety functions similar to those of the host weapons. The launcher can be quickly mounted on any weapon (C8/M4, C7/M16 series) that provides a bottom MIL-STD mounting rail with reinforced lug stop. Or, for maximum operational flexibility, it may be equipped with a stand-alone buttstock. Once mounted the launcher is secured to the rail by two captive, lateral pins. The EAGLE side-loading launcher is uniquely ambidextrous (patent pending). The operator can readily reconfigure the side-opening feed, sight mounting and sling attachment to either the left or right side, without any special tools. The EAGLE is able to fire all 40x46mm Low Velocity ammunition. It is equipped with an ejector that will partially eject spent cartridges when the breech is opened. The barrel is also provided with a relief on each side that will allow manual extraction. The EAGLE is designed to allow the operator full operational capability from prone, kneeling, sitting, and standing positions, whether in the stand-alone mode or mounted to the MIL-STD rail of an individual weapon. This design is compatible with all environmental and NBC equipment.

^{*} For the operators safety this Grenade Launcher is NOT designed to be fired UNMOUNTED.





The 5.56 mm Light Support Weapon (LSW) is designed to provide small expeditionary units with a high volume of accurate support fire without increasing the logistical load. The LSW shares the same ammunition, magazines and operating principals as the rifle or carbine. The high-rate gas system [large gas tube & hydraulic buffer] along with the heavy chrome lined barrel allow for a greater volume of fire without compromising accuracy. The LSW meets or exceeds all applicable military standards including: reliability, accuracy, lethality, maintainability, and safety in all environmental and operational conditions. For those units who must deal with confined space issues, the LSW can also be configured with a collapsing buttstock.



HIGH RELIABILITY • GAS FREE OPERATION • EASY MAINTENANCE • FULL NATO INTEROPERABILITY



The 7.62 mm Chain Gun System is an electrically operated machine gun for protected weapon stations, AFV turrets, marine and UAV, or helicopter applications. The chain gun features long dwell time and forward ejection of spent cartridge casings to eliminate residual gas and build-up of spent brass inside a turret or other enclosed spaces. The electrically driven chain drive feeds standard NATO 7.62 mm linked ammunition to an open bolt system that fires without the need for a gas system, which virtually eliminates stoppages.

The U.S Marine Corps tested the 7.62 mm Chain Gun at the Naval Surface Weapons Centre. The following is a quote from their test report:

"The performance of the 7.62 mm Chain Gun during all phases of testing was outstanding. The last 29,721 rounds of endurance tests were fired with no parts breakage and without any gun stoppages. It is significant that, during the firing of 101,343 rounds, not one jam or stoppage occurred due to loss of round control in the gun or the feeder mechanism. This highly reliable round control attests to the design soundness of the 7.62 mm Chain Gun."

GUN CONFIGURATION

AIRCRAFT - HINGED P/N 445-2000

VEHICLE MOUNT - SHORT JACKET P/N 445-3000

VEHICLE MOUNT - LONG BARREL P/N 445-5000



COLT CANADA SERVICES

REPAIR & OVERHAUL PROGRAM

As the 3rd & 4th line service centre for the Canadian Forces, Colt Canada has established a world class repair facility that is experienced in the repair of not only the small arms that we manufacture, but also the repair of over 30 other pieces of equipment from weapons to mounts, for customers world-wide.

- Official Canadian Forces 3rd & 4th Line Repair Facility
- Weapons Systems Upgrades (eg. CF C7A2 & C9A2 Midlife Upgrade)
- Training Equipment (eg. Cutaway Training Aids)
- Current Fleet Repair (eg. Repair direct from OEM)

Please contact us to find out if our services can assist you with your fleet.



TECHNICAL PUBLICATIONS SECTION

For over 30 years Colt Canada (formerly Diemaco) has been writing Canadian Forces Technical Orders for Director Soldier Systems Program Management to cover all of the Canadian Forces small arms. Some other customers include The UK, Denmark, The Netherlands & Norway.

As well as manuals, our Tech Pubs Section also creates courseware for **Colt Canada Training Courses** and **Training Aids** such as posters and multi-media visual <u>displays</u>.

Our Technical Publications Team has created publications for many different countries and is well versed in translation of diverse languages. Whether you prefer your documents printed, digitally linked PDF's or simple Word documents, we can meet your specifications.



Please contact our Technical Publications Section for inquiries about how we can help with you training needs.

COLT CANADA FEATURE OPTIONS

OPTIONS	C7A1	C7A2	C7CT	LSW	C8A1	C8A2	C8CT	SFW	CQB
Integrated Upper Receiver	0000		0 00 0	6 eN 6	0 0	0000	0	000	0000
Automatic	0	0	N	S	0	00	N	0	0
Semi-Auto Only	0	0	S	N	0	0	S	0	0
Three Round Burst	0	0	N	N	0	0	N	00	0
51 cm (20") Chromed Barrel, 1 turn in 7" rifling	9 9 S	0 0 0	B BNB B	Ø. ØN Ø. ≅	9 N 9 9	N	N	N N	No. of
51 cm (20") Unchromed Match Barrel, 1 turn in 7" rifling	N	N	S	N	N	N	N	N	N
51 cm (20") Chromed Heavy Barrel, 1 turn in 7" rifling	O NO O	N O	O ONO O	o s	o No o	O N O O	O N O O	O NO	$\sim N \sim \sim 1$
15.7" Heavy Sleeved Barrel, 1 turn in 7" rifling and Improved Chamber	N	NN	N	N	N	N	N	S	NN
16" Unchromed Match Barrel I, 1 turn in 9" rifling	N	N	N	N	N	N	S	N	N
14.5" Barrel, 1 turn in 7" rifling and Improved Carbine Chamber	N	N	N	N	S	N	N	N	N
14.5" Heavy Barrel, 1 turn in 7" rifling and Improved Carbine Chamber	N	N	N	N	N	S	N	N	N
10" or 11.6" Heavy Barrel, 1 turn in 7" rifling and Improved Carbine Chamber	N	N	N	N	N	N	N	N	S
MIL-STD-1913 Piccatinny Sight Rail	0	0	0	0	0	0	0	0	0
Canadian Spec Weaver Sight Rail	0	0	0	0	0	0	0	0	0
Two Stage Match Trigger	0	0	S	N	0	0	S	0	N
Ambidextrous Magazine Release	0	0	0	0	0	0	0	0	0
Ambidextrous Fire Selector Lever	0	0	0	0	0	0	0	0	0
Ambidextrous Cocking Handle	0	0	0	0	0	0	0	0	0
Fixed A2 Style Front Sight, Adjustable for elevation	S	S	N	S	S	S	N	S	0
Folding Front Sight	0	0	S	N	0	0	S	0	0
Fixed Rifle stock with storage compartment	S	N	S	0	N	N	N	N	N
Four Position Adjustable Butt Stock with Rubber Butt Pad	N	S	N	S	S	S	S	S	S
A2 Style Flash Suppressor	S	S	0	S	S	S	0	S	0
Vortex Flash Suppressor	0	0	N	0	0	0	N	0	S
Bayonet Lug	S	S	N	N	S	S	N	0	N
Black or Coloured Furniture	0	0	0	0	0	0	0	0	0
Single Sided Sling Loop	N	S	N	0	0	0	0	0	0
Double Sided Sling Loop	N	0	N	S	S	S	0	S	S

TRAINING COURSES



Colt Canada can provide training courses at many levels with many objectives in mind. Our expertise in small arms does not end at our own line of products. For over 30 years Colt Canada has been the 3rd and 4th line repair facility for the Canadian Forces entire fleet of small arms, as well as provide CF Armourer's courses. Your courses and courseware can be tailored to meet your specific training needs. Speak with our Training representatives to find out more information on the courses we offer or to customize your courses today.

- OPERATOR INSTRUCTOR COURSES
- OPERATOR INSTRUCTOR & TACTICAL MARKSMANSHIP COURSES
- ARMOURER'S COURSES

Please see our website www.coltcanada.com under Training Courses for Course Outlines and Dates, or contact our Training Team for more information.



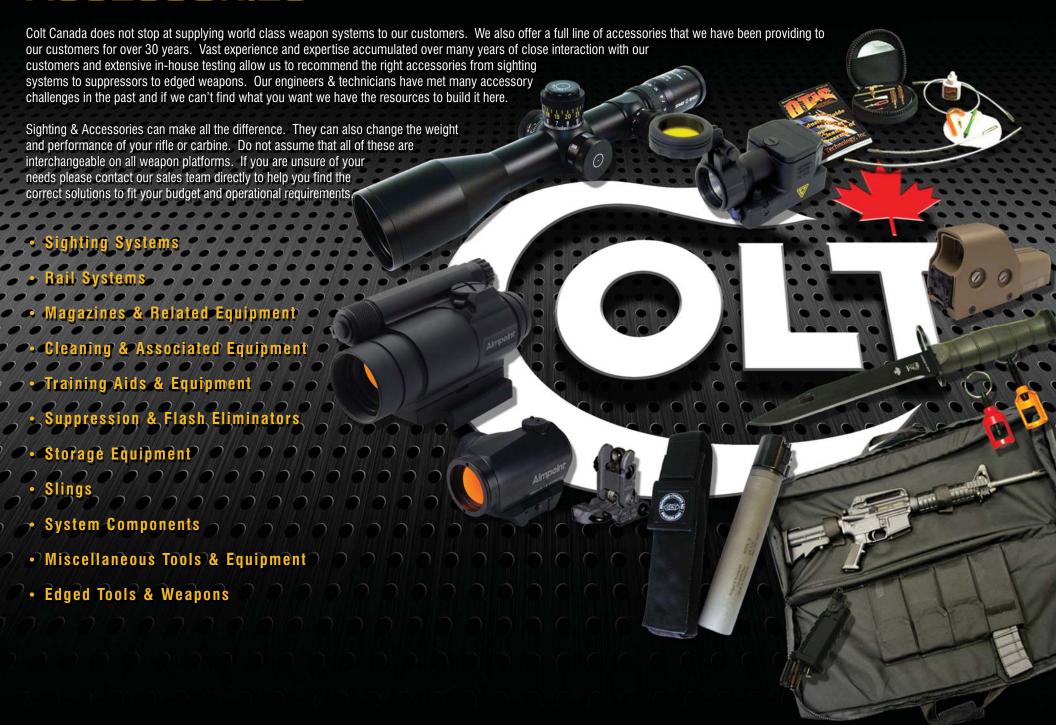
technical data for rifles & support weapons

SPECIFICATIONS	C7A1	C7A2	C7CT	LSW	EAGLE	CHAIN-GUN
Calibre	5.56 x 45 mm NATO	40 x 46 mm LV	7.62 x 51 mm NATO			
Overall Length	100 cm (39.6 in)	91-100 cm (35.8-36.9 in)	CUSTOM	100 cm (39.6 in)	30.1 cm (11.85 in)	125 cm (4 ft)
Weight Unloaded, N-A	3.31 kg (7.29 lbs)	3.08 kg (6.79 lbs)	CUSTOM	5.42 kg (14.5lbs)	1.05 kg (2.8 lbs)	14.43 kg (31.81 lbs)
Barrel Length	51 cm (20 in)	21.9 cm (8.63 in)	55.9 cm (22 in)			
Rifling Twist	1 turn in 178 mm (7 in)	1 turn in 178 mm (7 in)	CUSTOM	1 turn in 178 mm (7 in)	1 turn in 1219 mm (48 in)	1 turn in 305 mm (12 in)
Grooves	6	6	6	6	6	4
Sight Radius (with DIS)	50.2 cm (19.8 in)	50.2 cm (19.8 in)	SCOPED	50.2 cm (19.8 in)	114.3 mm (4.5 in)	N/A
Cyclic Rate (RPM)	700-900	700-900	N/A	600-800	N/A	550
Muzzle Velocity (based on C77)	940 m/s (3100 fps)	78 m/s (256 fps)	880 m/s (2890 fps)			
Muzzle Energy	1765 Joules (1300 ft/lbs)	600 Joules (443 ft/lbs)	3765 Joules (2775 ft lbs)			
Trigger Pull	2.3-3.9 kg (5-8.5 lbs)	2.3-3.9 kg (5-8.5 lbs)	2-2.5 kg (4.5-5.5 lbs)	2.3-3.9 kg (5-8.5 lbs)	8-9 kg (18-20 lbs)	N/A
Chamber	Rifle	Rifle	Rifle	Rifle	40x46 mm LV	7.62 mm NATO

TECHNICAL DATA FOR CARBINES

SPECIFICATIONS	C8A1	C8A2	C8CT	SFW	CQB	C8IUR
Calibre	5.56 x 45 mm NATO	5.56 x 45 mm NATO	5.56 x 45 mm NATO	5.56 x 45 mm NATO	5.56 x 45 mm NATO	5.56 x 45 mm NATO
Overall Length	76-84 cm (30-33.1 in)	76-84 cm (30-33.1 in)	CUSTOM	78-88 cm (30.7-34.6 in)	67-75 cm (26.4-29.5 in)	78-88 cm (30.7-34.6 in)
Weight Unloaded, N-A	2.68 kg (7.18 lbs)	2.81 kg (7.53 lbs)	CUSTOM	2.97 kg (7.96 lbs)	2.68 kg (7.18 lbs)	3.27 kg (7.21 lbs)
Barrel Length	37 cm (14.5 in)	37 cm (14.5 in)	CUSTOM	41 cm (15.7 in)	25 cm (10 in)	41 cm (15.7 in)
Rifling Twist	1 turn in 178 mm (7 in)	1 turn in 178 mm (7 in)	1 turn in 228.6 mm (9 in)	1 turn in 178 mm (7 in)	1 turn in 178 mm (7 in)	1 turn in 178 mm (7 in)
Cuanua	Č.	•	•	•	c	2
Grooves	D	D	b	b	b	0
Sight Radius (with DIS)	36.7 cm (14.4 in)	36.7 cm (14.4 in)	SCOPED	36.7 cm (14.4 in)	36.7 cm (14.4 in)	36.7 cm (14.4 in)
	36.7 cm (14.4 in) 750-950	36.7 cm (14.4 in) 750-950	SCOPED N/A	36.7 cm (14.4 in) 750-950	36.7 cm (14.4 in) 750-950	36.7 cm (14.4 in) 750-950
Sight Radius (with DIS)						
Sight Radius (with DIS) Cyclic Rate (RPM)	750-950	750-950	N/A	750-950	750-950	750-950
Sight Radius (with DIS) Cyclic Rate (RPM) Muzzle Velocity (based on C77)	750-950 868 m/s (2850 fps)	750-950 868 m/s (2850 fps)	N/A 900 m/s (2960 fps)	750-950 895 m/s (2940 fps)	750-950 790 m/s (2600 fps)	750-950 895 m/s (2940 fps)

ACCESSORIES



COLT CANADA

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