

FEDERAL COURT

BETWEEN:

CANADIAN COALITION FOR FIREARM RIGHTS, RODNEY GILTACA, LAURENCE
KNOWLES, RYAN STEACY, MACCABEE DEFENSE INC., WOLVERINE SUPPLIES
LTD., AND MAGNUM MACHINE LTD.

Applicants

and

ATTORNEY GENERAL OF CANADA and CANADA (ROYAL CANADIAN MOUNTED
POLICE)

Respondents

APPLICATION UNDER sections 18 and 18.1 of the *Federal Courts Act*, RSC 1985, c F-7.

CERTIFICATE OF REMOTE COMMISSIONING

TAKE NOTICE that this Certificate certifies that I, KAJAL ERVIN was the commissioner signing the Affidavit of PHILIP O'DELL in this Action on the 11th day of September, 2020 and that as commissioner, I was satisfied that the remote commissioning process was necessary because it was impossible or unsafe, for medical reasons related to the current COVID-19 pandemic, for the deponent, PHILIP O'DELL and I to be physically present together.



KAJAL ERVIN

ADDRESS FOR
SERVICE AND
CONTACT
INFORMATION OF
PARTY FILING THIS
DOCUMENT

JENSEN SHAWA SOLOMON DUGUID HAWKES LLP
800, 304 - 8 Avenue SW
Calgary, Alberta T2P 1C2
Attn: Laura Warner (warnerl@jssbarristers.ca)

AFFIDAVIT

Court File No. T-577-20

FEDERAL COURT

BETWEEN:

CANADIAN COALITION FOR FIREARM RIGHTS, RODNEY GILTACA, LAURENCE
KNOWLES, RYAN STEACY, MACCABEE DEFENSE INC., WOLVERINE SUPPLIES LTD.,
AND MAGNUM MACHINE LTD.

Applicants

and

ATTORNEY GENERAL OF CANADA and CANADA (ROYAL CANADIAN MOUNTED
POLICE)

Respondents

APPLICATION UNDER sections 18 and 18.1 of the *Federal Courts Act*, RSC 1985, c F-7.

AFFIDAVIT

I, Philip O'Dell, Business Owner and Engineer, of the City of Puslinch, in the Province of Ontario, AFFIRM THAT:

1. I am the President of O'Dell Engineering Ltd. and hold a Masters of Applied Science, Mechanical Engineering, from the University of Waterloo. I have worked in the firearms industry since 1983 in a variety of capacities.
2. O'Dell Engineering Ltd. is an applicant in Court File No. T-905-20. I am also aware of the Application filed in Court File No. T-577-20 ("**Application**") regarding the May 1, 2020 Order in Council SOR/2020-96 (the "**Order in Council**") which made the *Regulations Amending the Regulations Prescribing Certain Firearms and Other Weapons, Components and Parts of Weapons, Accessories, Cartridge Magazines,*

Ammunition and Projectiles as Prohibited, Restricted or Non-Restricted, SOR/2020-96 (the "**Regulation**"), and regarding certain things done by the Royal Canadian Mounted Police ("**RCMP**"), including through the Specialized Firearms Supports Services Unit ("**RCMP SFSS**"), in relation to the Firearms Reference Table ("**FRT**") as described in the Application. I am also aware of the *Order Declaring an Amnesty Period (2020)*, SOR/2020-97 (the "**Amnesty Order**") with respect to the Regulation.

Education and Experience

3. I obtained my Honours Bachelor of Applied Science, Mechanical Engineering, in 1985 at the University of Waterloo. Subsequently, I obtained a Masters of Applied Science, Mechanical Engineering, in 1990 also from the University of Waterloo.
4. From 1985 until 1995 I was an engineer at Diemaco (1984) Inc, which is now known as Colt Canada ("**Colt Canada**"). At Colt Canada, I was involved in designing, developing, prototyping, testing and supporting the manufacture of military small arms weapons systems for the Canadian Armed Forces, including the C7, C7A1, C8 (which are capable of functioning as both fully automatic and semi-automatic rifles), and C9 light machine guns.
5. In 1983, I co-founded Phantom Forge, a firearms importation, sales, and gunsmithing company, which eventually became a division of O'Dell Engineering, a company which I similarly founded in 1995 and continue to work with to the present date. O'Dell Engineering has been involved with the design and prototyping of a variety of different firearms including: Simunition training firearms and conversion kits for SNC Industrial Technologies; an improved M203 40mm grenade launcher for Colt-Hartford; and developing the Canuck branded line of firearms.
6. O'Dell Engineering also provides firearm repair and sale services for all classes of firearms.


7. In addition to my work in the firearms industry, I was a member of the Federal Department of Justice Firearms Technical Committee in 2000 and 2014. As a member of that Committee, I was one of several people who provided advice on the technical implications of proposed legislation as well as classification commentary and advice on firearms to the Minister of Justice and then the Minister of Public Safety.
8. I also held a position on the Federal Department of Justice Import and Export Committee in 2001. This Committee was struck to deal with the issues of the U.S. legislation *International Traffic in Arms Regulations* and the Controlled Goods Program in Canada, and to address the practical aspects of importing firearms and ammunition across the Canadian border. O'Dell Engineering is an importer of all classes of firearms and is registered under the Controlled Goods Registration Program; accordingly, I was involved in all categories of the discussions and recommendations to the Minister of Foreign Affairs and International Trade on these topics.
9. In the late 1980s I also worked with the Canadian Government in drafting the legislation which changed the *Export and Import Controls Act* and sections of the Canadian *Criminal Code* to allow for Canadian companies to support allied countries through the export sale of military grade small arms products, in particular, fully automatic firearms.
10. During my tenure at Colt, I was recognized by the Canadian Armed Forces as qualified to develop, evaluate, test, and recommend design changes, disposition of deviations and waivers, complete engineering reports and to provide final reports and conclusions to the Canadian Armed Forces in respect of firearms used by the military. At the time, I was one of only four people recognized to do so in Canada.
11. My *curriculum vitae* is attached as **Exhibit "A"** to my Affidavit, which lists my education, credentials, employment history, memberships, licensing, and my qualifications.

Rec

My experience with firearms

12. I hold both my Possession and Acquisition License ("PAL") and my Restricted Possession and Acquisition License ("RPAL"), as well as Prohibited class ownership for the following classes of firearms under the *Firearms Act*, SC 1995, c 39:
 - (a) 12(2): fully automatic firearms
 - (b) 12(3): converted automatic firearms
 - (c) 12(4): AUG/Uzi/Ingram firearms
 - (d) 12(5): former PWO 13 firearms
 - (e) 12(6): .25/.32 & short barreled handguns
13. I am a competitive target and service rifle shooter. I competed at various Canadian National Matches from 1978 through to 1994. I competed in Target Rifle, Service Rifle (using a C7 rifle), Sniper Rifle, and Light Machine Gun classes against international competitors.
14. As the co-founder and owner of Phantom Forge, and now O'Dell Engineering, plus my work experience at Colt Canada and with the Canadian Government, I have over 35 years of experience in the firearms industry and I am intimately familiar with the functionality of firearms and how they operate.
15. I have reviewed the Regulation and the accompanying Amnesty Order. For the purposes of this Affidavit, my comments are limited to only sections 87, 95 and 96 of the Regulation.

Section 95

16. Section 95 of the Regulation designates as prohibited "[a]ny firearm with a bore diameter of 20 mm or greater - other than one designed exclusively for the purpose of neutralizing explosive devices..."
- 

17. The word bore in the context of firearms is a term of the art. The barrel's bore, when referring to a firearm, is the element of the firearm's geometry which guides the projectile or shot column (the cup shaped wad and pellets typically launched out of a smooth bore shotgun) out of the gun. This is distinctly different from the common use of the word "bore", which refers to the entire internal surface of a tube without regard to function.
18. As someone who has worked with firearms for over 35 years, I am familiar with what bore diameters are and how to measure them. By contrast, the concept of bore diameter is not readily known by most people and it is not something that can be easily measured by most people.
19. Bore diameters vary significantly from firearm to firearm and even within the same firearm. In some cases, the bore diameter is intentionally varied as a part of the firearm design to achieve specific performance of the bullet or shot column.
20. The bore diameter in a given firearm varies down the length of the barrel due to the machining processes used to form it. For example, the bore of a rifle contains a number of spiral grooves, which consist of a number of high points and low points. These spirals are called "rifling" (this is where the rifle gets its name) and the features are called lands and grooves. Attached at **Exhibit "B"** to my Affidavit are images illustrating the spiraling inside the bore of a rifle. Rifling engages the projectile as it travels down the bore of a rifle. It causes the projectile to spin and this spin provides stabilization and increases the precision and accuracy of the rifle. The bore diameter of a single rifled barrel can be different depending on where you measure. Accordingly, the Regulation is unclear as to whether the bore diameter to be measured for the purposes of assessing whether the bore is 20mm is the land diameter or the groove diameter. It is also not clear on whether the maximum or the minimum diameter is the defining measurement.
21. This variability of bore diameter persists with shotguns as well. Typically, shotguns do not have the rifling that exists in the bore of a rifle (however, there are some exceptions to this in respect of certain shotguns). Accordingly, the rifling issue does not normally

present itself with shotguns. However, usually in shotguns after the chamber there is a forcing cone. The forcing cone is a conical extension of the chamber which gradually reduces the chamber diameter down to the nominal bore diameter. It can be "extended" in efforts to reduce the peak recoil force and thus the beginning of the true "bore" is considerably further forward from the chamber. The forcing cone can vary in diameter and length from shotgun to shotgun but will be wider in diameter than the rest of the bore.

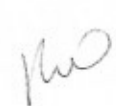
22. In addition to the forcing cone, most smoothbore shotguns will have a choke which is an inward beelling of the barrel of the firearm at the muzzle. The choke also varies in diameter and length and is used to control the spread of the pellets. Depending on the expected target range it is desirable to have a more open (spread out) pattern or a tighter (more dense) pattern, for example hunting grouse in forests require a more open pattern as the range is short and the time to harvest the game is quick versus a goose hunter who is often in an open field and calling the birds to a layout of decoys from a considerable distance and the birds often will not come close to the hunter so they are harvested at a longer range.
23. Approximately 40 years ago the interchangeable choke became popular. This feature of a shotgun barrel allows a single shotgun to have different chokes threaded into it. Interchangeable chokes increased the versatility of shotguns. The more open choke might be used for close range upland bird hunting or small game hunting to maximize the spread of the projectiles; whereas a tighter choke might be used for longer range waterfowl hunting or target shooting. In short, the bore diameter of a given shotgun, capable of hosting an interchangeable choke, varies considerably when there is no definition provided as to what bore diameter refers too.
24. As a numerical example, the 12-gauge shotgun, which is one of the most popular hunting and sport shooting firearms in Canada, can vary considerably in bore diameter. Generally speaking 12 gauge shotguns with a standard barrel have a nominal bore diameter in the


no

"middle" of the barrel, in front of the forcing cone but before the choke section, of 18.16mm; however, for the reasons detailed above, depending on the interchangeable choke style used, the bore diameter of the shotgun may exceed 20mm. This is not the "guiding bore", that a skilled technical person would refer to, but it is certainly a diameter on the inside of the bore of the firearm and the Regulation does not make this distinction clear nor does it provide any guidance as to where to measure.

25. Attached as **Exhibit "C"** to my Affidavit is an image of shotgun which measures with a bore diameter of less than 20mm (17.52mm). However, as can be seen at **Exhibit "D"** to my Affidavit, that same shogun with the choke removed now measures with a bore diameter in excess of 20mm (22.00mm).
26. It is also very difficult for a lay person to measure the bore diameter of a firearm. Measuring bore diameter requires the use of an extended bore gauge of some type (air gauges as well as dial bore gauges are common in the industry). These are expensive precision instruments that require skill to calibrate and use. Most firearm owners will not have access to this tool, nor would most know how to properly calibrate and use it if they did. Attached as **Exhibit "E"** to my Affidavit is an image of a bore gauge.
27. Following the introductory broad language in section 95, the Regulation contains a list of those firearms which are specifically designated as prohibited under that section. I have reviewed that list and note the following:
 - (a) M203, M203PI, Eagle, Cobray 37mm: these firearms, and a large number of others named, are known as "grenade launchers" or "tear gas projectors". In Canada these were exclusively collector items. They are of a low velocity and when the *Firearms Act* was rewritten in 1995 these were considered so ordinary and innocuous that they were not even classed as "firearms" but rather "non-firearms" due to their low velocity (well below 500 feet per second (fps) and in most cases below 400 fps). They were later re-classed by the RCMP as "firearms" at one point due to an interpretation of "commonly available ammunition" when it

was noted that there might exist a round that exceeded 500 fps. This specific round was never presented for testing but since the RCMP decision could not be challenged, they remained non-restricted firearms, as no registration certificate was being altered no challenge was possible. The majority of the class changes were to "non-restricted" unless a grip was added to make them "restricted" in which case two FRT entries were created. Further, the majority of the service ammunition for these firearms is essentially illegal for individuals to possess in Canada. It is of high explosive and riot control ("tear gas") types. Explosives are closely controlled by Natural Resources Canada ("NRCan") (the Federal Government agency that controls the possession and transport of all explosives in Canada) and licenses to possess these rounds are relatively rare and require extensive justification and are reviewed annually. Riot control agents are prohibited outright and the only route to import and possess these is controlled through the Firearms Business License ("FBL") to authorize companies to import and supply materials to Law Enforcement and Government agencies only. If these licenses are not actively used then they are discontinued. Most of this ammunition is not made in Canada so in addition to the NRCan license and/or FBL designation one would need to apply for and pass the scrutiny of Global Affairs Canada in order to obtain an import permit. I am not aware of individual firearm owners undergoing this rigorous process; further it also extremely rare for companies, all of whom are involved in the supply of these items to the Military or Law Enforcement. The only ammunition that can be legally acquired by typical PAL holders, and thus used in these firearms, are soft rubber or dust carrying marking pellet type practice rounds. These are driven by blank cartridges and are of a particularly low velocity due to the design of the cartridge cases which will not support the high pressure necessary to launch the pellet at higher velocity nor will these pellets remain intact when trying to obtain a higher velocity.



- (b) FMK1/2/3, M72s, AT4s: these and other related items are "mortars" and "rocket launchers". These are collectors' items and are historically significant items. The intact ammunition for these items is even more difficult to find and/or acquire as it incorporates explosive charges for propelling as well as explosive material in the projectile and in the fuze. In many cases, the M72 being one of the most common, these firearms are already "deactivated" and thus are actually no longer firearms because once they are fired, they are specifically made not to be reloaded. The firing mechanism is designed to no longer function to initiate another round even if the tube could be loaded again.
- (c) z.052 through z.055 Panzerbüchsen and Granatwerfer: These are single shot rifles which do not exceed 20mm bore diameter. According to the FRT these are listed as caliber "7.92x94mm", which is an 8mm nominal bore diameter. They are designed as high velocity single shot rifles of 8mm nominal bore size. The latter Granatwerfer use an 8mm propelling charge to launch a grenade which is fitted to the muzzle, sometimes with a cup type discharger. It is my understanding that previous rulings on the attachment of devices and/or rifled sections to the muzzle of a firearm, whether permanently attached or not, have determined that these do not count as a part of the barrel length nor does the greater diameter, whether rifled or not, extend the barrel which is determined by the length of barrel designed to guide the projectile from the cartridge for which the firearm is chambered. If this category of firearms is prohibited as they possess a bore diameter of "over 20mm", then this decision affects other firearms which have not been enumerated in the Regulation including, potentially, the Lee Enfield No. 1 rifle which can accept a cup discharger (to launch a Mills bomb, a type of hand grenade that can have a special base fitted to be launched by a special cartridge fired in the rifle).
- (d) The majority of the firearms listed under section 95 do not discharge repeating rounds. They are in almost every case single shot firearms.
- 

28. For the reasons detailed above, it is unclear which firearms fall within section 95. Depending on where and how the bore diameter is measured a number of break action, pump action, and semi-automatic shotguns which are routinely used for sport and hunting purposes have a bore diameter of 20 mm or greater and would therefore be designated as prohibited by section 95. Numerous collectors' items of significant value are also caught pursuant to the Regulation including certain firearms which clearly are not over 20mm but have nonetheless been included as prohibited under this section.

Section 96

29. Section 96 designates as prohibited "[a]ny firearm capable of discharging a projectile with a muzzle energy greater than 10,000 joules..."
30. Joules is a measurement of energy and is calculated as follows:

$$E = \frac{1}{2}mv^2$$

m = mass

v = velocity

31. To calculate the energy at the muzzle it is necessary to know both variables, the mass of the projectile and the velocity at which the projectile leaves the muzzle. The first variable, the mass, can often be determined as when using standard commercial ammunition, the mass of the projectile will be indicated on the box of ammunition. However, it is not uncommon that specialty rounds, commercially available, are created to meet specialized roles and often the projectiles for these rounds are designed and made in small but significant quantities for sale on the commercial market. In some cases, such specialty ammunition may or may not readily identify the mass or the velocity of the projectile.
32. Another difficulty arises in calculating the velocity at which the projectile leaves the muzzle. While standard velocity of the projectile may also be indicated on the box of

ammunition, that recorded velocity is calculated at standard room temperature and under static conditions using a specific barrel bore area and bore length. In reality, a number of factors impact the velocity of a projectile including the type of powder used in the ammunition, the heat of the barrel, the length and geometry of the barrel, the external conditions (temperature for example), the age of the firearm, and the number of times the firearm has been discharged previously, the exact primer lot, the size of the flash hole in the cartridge, and the normal statistical variability in any series of measurements. Given the equation used to calculate energy includes the square of the velocity (i.e., v^2), even the smallest variation in velocity will have a significant impact on the total energy generated. The only way to obtain a truly accurate reading on muzzle velocity is to use a chronograph which is designed to measure the velocity of high-speed projectiles. Most firearms owners do not have access to a chronograph, nor would most know how to use it.

33. The difficulty in accurately determining the muzzle energy of a particular firearm is that such information is not usually readily available to the typical firearms owner. Generally speaking, the specifications which accompany firearms provide only approximate measurements of feet per second, or the speed at which the projectile will travel when leaving the muzzle, or approximations of the expected energy. To determine the actual energy in those cases, it would be necessary to first convert the speed from feet per second to meters per second (the measurement for velocity), and then input that into the equation alongside the mass of the projectile in grams. In short, it is difficult to accurately measure the number of joules that are generated when a given projectile is discharged from a given firearm. This can even vary from firearm to firearm of the same manufacturer and model.
34. What is more, section 96 also designates as prohibited firearms which are "capable" of discharging a projectile with a muzzle energy of greater than 10,000 joules. The term capable both significantly expands the number of firearms which are caught under section 96 and creates significant uncertainty. The Regulation provides no guidance about what

capable means or how to measure muzzle energy. The Regulation does not, for example, take into account the natural progression of technology in respect of both propellants and projectiles, which have a direct impact on the energy generated. A firearm which, using propellants and projectiles available today, may generate less than 10,000 joules of energy may be capable, without modification, of generating more than 10,000 joules of energy as technology with projectiles and propellants advances.

35. One common example of this potential for confusion is proof testing, which is a process undertaken during the safety testing of a firearm. It is essentially a stress test for firearms. The concept behind proof testing is to operate the firearm under more severe than normal operating conditions to ensure that it is safe to operate under normal conditions. To do that, a proof load is placed into the firearm and then discharged. Typically, this is done one or two times. The proof load is a test cartridge that, when discharged from the firearm, creates higher than normal pressure to ensure that the firearm is sound. The industry standard for "proof" is a 30% overpressure from the firearm's normal operating pressure load. The proof round ensures that the firearm is capable of withstanding repeated use at normal pressures, and that should it see (for any number of reasons of atmospheric condition, propellant breakdown, enthusiastic hand loading, etc.) a higher than normal pressure that it will withstand it.
36. For example, where the intended muzzle energy for a firearm is 8,000 joules, that firearm would be proof tested at 10,400 joules or greater (according to the 30% rule mentioned above).
37. Once the proof load is discharged, the firearm is inspected to ensure that there have been no deformations. If the firearm passes the proof test it is usually given a physical proof mark which is a stamp or etching confirming that the firearm has undergone the appropriate stress testing and passed successfully. Attached as **Exhibit "F"** to my Affidavit are images of the proof mark etched onto firearms which have undergone proof testing. Accordingly, any firearm which has undergone proof testing wherein the muzzle

energy has exceeded 10,000 joules, even where its intended operating conditions are under 10,000 joules, will be marked to show that it has been proof tested. Such a firearm is plainly capable of discharging at a muzzle energy in excess of 10,000 joules. Indeed, the proof mark is evidence that the firearm already has discharged a projectile with a muzzle energy in excess of 10,000 joules.

38. Muzzle energy also engages the statistical concept of normal distribution. The muzzle energy of a given firearm is not an exact number. As noted, the energy varies depending on the mass and velocity of the projectile, which varies based on the ammunition used, the conditions in which the firearm is discharged, and the number of times the firearm has been discharged. The reported muzzle energy for any specific firearm is based on the statistical average of its normal distribution. There is inherent deviation in any series of discharges from a firearm. Proof testing is necessary, in part, to ensure that the firearm can withstand deviations of overpressure of 30%. That deviation means that a firearm which may be rated for under 10,000 joules is nonetheless capable of discharging (and does actually discharge, at least some of the time) a projectile in excess of 10,000 joules.
39. Another factor which will impact muzzle energy is the type of ammunition or projectile used. Because energy is calculated by multiplying mass and velocity, the mass of the projectile in the ammunition is directly relevant to the amount of energy generated. While the mass of typical ammunition can be readily ascertained, the mass of certain "handloaded" (homemade) or specialty ammunition can be more difficult to determine. It depends on a number of factors including the mass of the projectile, the material of the projectile, and the type of primer and powder used. These factors all have a direct impact on the muzzle energy generated. They can also render the firearms in which they are used, capable of exceeding 10,000 joules of muzzle energy. Accordingly, while the firearm itself may not, under normal operating conditions, be rated for in excess of 10,000 joules, the type of ammunition used may cause that firearm to discharge a given projectile at greater than 10,000 joules of muzzle energy.


40. The muzzle energy is also impacted by the barrel fitted to the firearm. In Canada, the firearm is only the receiver portion of the overall device. Because of this, and the fact that many other components of the firearm are often changeable, including the barrel, a given firearm (i.e., a uniquely identified receiver) may discharge 10,000 joules or less with a particular barrel attached, but be capable of discharging in excess of 10,000 joules with a different barrel attached. Changing a barrel is relatively easy and common. In this way, many firearms are capable of discharging a projectile with energy in excess of 10,000 joules.
41. For example, if someone owned a popular hunting rifle, the Remington 700 bolt action rifle, in a 300 Winchester Magnum, they would own a non-restricted firearm which has a muzzle energy of less than 10,000 joules. However, if the 300 Winchester Magnum was replaced with an after-market barrel of a different bore and chambering, which can be done very easily, even by the firearm owner, that firearm will now discharge a projectile at a muzzle energy in excess of 10,000 joules. In this case, the firearm component, being the Remington 700 bolt action receiver, has not changed, simply the barrel component has. In this way, all Remington 700 magnum length bolt action rifles are "capable" of discharging a projectile with a muzzle energy in excess of 10,000 joules.
42. Attached as **Exhibit "G"** to my Affidavit are examples of firearms which produce less than 10,000 joules of muzzle energy when fitted with a certain type of barrel, but which will produce in excess of 10,000 joules when fitted with a different type of barrel. The firearm itself remains consistent, only the barrel has changed.
43. To further complicate this, barrels are often delivered "unchambered" and are finished later to accept different cartridges. As an example, a .30 caliber barrel blank (with rifling but not chambered) can be chambered to fit a .30/30 Winchester; a .308 Winchester; a .30'06 Government; a .300 Holland & Holland Magnum; a .300 Winchester Magnum; and numerous other cartridges. Each of those chamberings (which are not controlled by the firearm) will directly impact and alter the muzzle energy of the firearm. Attached at
- 

Exhibit "H" to my Affidavit is an example of a rifle fitted with a chamber that will cause the firearm to produce less than 10,000 joules of muzzle energy; however, the image below shows the exact same firearm fitted with a chamber that will now cause the firearm to produce more than 10,000 joules of muzzle energy. Once again, the firearm has remained unchanged, only the chamber is different.

44. In addition to the cartridge variations, the length of the barrel will directly impact the muzzle energy generated. The barrel may be left longer to generate more velocity (which increases muzzle energy) or shortened. This applies to every caliber barrel that exists.
45. Further, it is also possible to change the bolt or bolt face on a single firearm to accept different families of cartridges. For example, a common Mauser 98 style receiver which is often used as a base to complete custom rifle projects may start out with a bolt designed to take non-magnum cartridges (for example the .30'06 Government cartridge) but by changing to a magnum sized bolt face geometry the rifle could now be chambered from .264 Winchester Magnum, 7mm Remington Magnum, .300 Winchester Magnum, .338 Weatherby Magnum, .458 Winchester Magnum, and so on up to .460 Weatherby Magnum. All of which changes the potential muzzle energy of that single firearm.
46. The result is that many different variables exist, all of which will directly impact muzzle velocity of a particular firearm, making that firearm capable of exceeding 10,000 joules of energy.

RCMP SFSS Re-Classification of Firearms

47. Since the Regulation was made on May 1, 2020, the RCMP SFSS has been re-classifying firearms in the FRT which were not listed in the Regulation. I am aware that Armalytics.ca has identified in excess of 300 firearms now re-designated as prohibited in the FRT. Attached as **Exhibit "I"** is a list of firearms which I understand have been re-designated by the RCMP SFSS in the FRT but were not specifically listed in the Regulation. The reason for the classification given in the revised FRT listings is that the

firearms are variants or modified versions of one of the classes of firearms listed in the Regulation and have been re-designated as prohibited on the basis of sections 87 (some may reference other paragraphs in the Regulation). There has been no publication of the actual reasoning for these changes. I am aware of one example of a previously non-restricted firearm which has been re-designated by the RCMP SFSS as a prohibited firearm. There may be more. I cannot reconcile the listing of the MK12, manufactured by Derya Arms, as a variant of a prescribed prohibited firearm.

48. I have intimate knowledge and experience with the MK12, its design characteristics and its manufacturing history and evolution. The MK12 is not a variant or modified version of any other firearm that was listed as prohibited in the Regulation, yet it was re-designated by the RCMP SFSS on or about June 16, 2020 as prohibited.
49. O'Dell Engineering has had an exclusive import arrangement with Derya Arms of Turkey for five years. Initially, we were importing a firearm called the Defender from Derya Arms. The Defender is also known as the Carina. The gun was created in response to our specification for a compact bear defense firearm in remote oil fields and geological survey camps. The firearm subsequently became popular across Canada. The Defender has not been re-designated by the RCMP SFSS as prohibited. The Defender can be thought of as the great grandfather of the MK12 because the MK12 is the result of a series of advances and improvements to the design of the Defender.
50. A pump action shotgun like the Defender/Carina is manually operated by the user. The fore end, which the operator holds with the non-firing hand, is attached to the bolt by a part called the slide. The fore end, when pulled rearward after firing a shot, pushes the slide to the back and the slide drags the bolt to the rear removing the fired hull from the chamber. Pushing the fore end forward then chambers a subsequent round, fed from the tubular magazine that runs under the barrel. This process is repeated, manually, until the gun is empty with the operator manually cycling each individual shell into the chamber.

fw

51. The first improvement entailed adding a gas operating and spring return mechanism which converted the manually "pumped" Defender/Carina into a semi-automatic shotgun known as the "Lion" series and which was imported into Canada as the "Hunter". In this firearm a small portion of the gas which launches the shot column is tapped off into a chamber attached to the barrel. This gas cylinder contains the expanding propellant gases and allows them to push on a piston. This piston pushes a slide, similar to the pump action, to the rear. The difference is this movement is done without the operator having to pull on the fore end. The piston pushes the slide rearward dragging the bolt back to remove the fired hull. A spring mechanism, compressed by the slide moving rearward, now forces the slide and bolt forward chambering a second shell. The operator can then fire a second and subsequent rounds until the magazine is empty.
52. The Hunter/Lion design was then further improved by changing the feeding system from a tubular magazine to a detachable box type magazine. This design, which still uses the identical locking system as the Defender/Carina and the gas system of the Hunter/Lion, was introduced as the MK10. The MK10 was introduced to the hunting community in Canada and became very popular. It has a particularly good configuration for wild turkey and other big game hunting (primarily deer and bear). The MK10 remains listed as a non-restricted firearm in the FRT under file 141381. Attached at **Exhibit "J"** is the FRT entry for the MK10 (FRT 141381) as of August 31, 2020.
53. To reduce the weight and to make the firearm even more effective for hunting, the gas system was relocated to operate over the barrel versus over the (no longer used as a) magazine tube. The magazine tube was removed and the fore end of the firearm slimmed. The resulting firearm was released as the MK12.
54. The core of the design of any firearm is the locking system. Differing methods of operating the firearm and feeding the firearm can be attached but the main defining characteristic of a firearm is the locking mechanism that secures the mechanism around the cartridge in the chamber. The Defender uses a tipping locking block. The locking

block rides in the bolt and locks upward into the extension of the barrel of the firearm by the forward action of the slide. The locking block secures the position of the bolt forward supporting and containing the shell in the chamber. The MK12 is the latest evolution of the design of the Defender pump action shotgun. The MK12 locking block remains interchangeable with the original firearm, meaning that the MK12 is not a variant of AR-style rifles but rather is of its own unique design series based on the Defender action.

55. The RCMP, prior to O'Dell Engineering commencing import of the MK12 into Canada, became aware of the MK12. The RCMP determined, independently, that the MK12 was not a version of the AR family of firearms and that it was a unique design. It was classified in the FRT as non-restricted like its predecessors from Derya Arms: the MK10, the Lion/Hunter, and the Carina/Defender. This analysis was completed, reviewed, passed QA, and was released onto the FRT without input from O'Dell Engineering.
56. As the exclusive importer of this firearm to Canada, I am aware how the MK12 is marketed and how it is being used. I know why my customers purchase it. The MK12 was immediately a success as a wild turkey hunting gun based on the past use of the MK10. The MK12 was "just better" as it was more streamlined and reliable. As it gained traction in the Canadian market, it was used more broadly as a hunting firearm, and then became popular in sport shooting competitions (for example, the International Practical Shooting Confederation sport shooting shotgun competitions).
57. The MK12 has undergone small design changes over time to improve the product. The RCMP SFSS remained aware of the MK12 and they reviewed the FRT entry numerous times to add different finishes and colours to the FRT entry file. Attached at **Exhibit "K"** is the FRT entry for the MK12 (FRT 141379) on May 14, 2020 wherein the MK12 is classified as non-restricted. Attached at **Exhibit "L"** is the FRT entry for the MK12 (FRT 141379) as of June 16, 2020 wherein the MK12 was re-classified as restricted.
58. Even though the RCMP has re-designated the MK12 as prohibited, the current FRT 141379 entry continues to note under the model description that "...the design of this

semi-automatic box magazine feed shotgun resembles but is not a variant of the AR15". The original determination that this is a unique firearm, separate and apart from the AR family of firearms remains true. While the MK12 bears a superficial resemblance to any one of a number of rifles which have an adjustable stock and a vertical grip, the MK12 stems from Derya Arms' own unique design and the MK12 is not a variant of an AR-style rifle. The MK12 is the evolution of a completely different design based originally on a pump action shotgun and the locking block system remains interchangeable with the original firearm.

59. Stating that a firearm is not a variant of the AR15, from a key design characteristics and engineering perspective, also implies that it is not a variant of the AR10. The core of the AR10 locking system is of the Johnson originated multi lug 22.5 degree rotating bolt style which was retained in the AR15 development. The MK12, by contrast, uses the single, vertical tipping lug. The AR 10 and AR15 design is specifically designed to contain high pressure cartridges. The Defender-MK12 tipping block is not suitable to contain these pressures, but is intended for the modest pressures of shotgun shells.
60. In addition, there are a number of differentiating features between the MK12 and the AR-family of rifles including:
 - (a) The gas system of the Hunter/MK10/MK12 uses multiple ports to operate a conventional gas piston and operating rod to cycle the bolt. The operating gases are not brought back into the receiver of the firearm typical of the AR10 and AR15, to operate the firearm for extracting and reloading. This is a key feature of the AR family "direct gas impingement system" that is wholly absent in all of the Derya designs.
 - (b) The bolt of the MK12, like the Defender, Hunter, and MK10, remains contained in the receiver of the firearm unlike the AR10 and AR15 wherein the bolt and carrier assembly pass backwards and partially exits the receiver during cycling.

- (c) The bolt of the MK12 operates in a straight line and the locking mechanism operates perpendicular to the axis of bolt travel to lock and unlock the single lug of the Derya designs. The AR10 and AR15 feature a rotating bolt design, that turns around the linear axis of the bolt to lock and unlock the multiple lugs.
- (d) A number of observations have been made of the "carry handle" sight silhouette of the early AR series as a distinct identifying physical characteristic. The MK12 has never had this feature. It has only ever had a flat extended Weaver/Picatinny profile sight rail. This feature came from the MK10. It is built to allow for a wide range of hunting and sport shooting sight options including magnifying optics, holographic ("red dot" sights) with or without magnifiers, as well as conventional sights and secondary offset sights popular on competition rifles. The original AR pattern rifles were not capable of accepting any of these and they were eventually redesigned to incorporate such features based on recent market demands.
61. Attached at **Exhibit "M"** is a series of images of the Defender / Carina, the Hunter / Lion, and the MK10 and MK12. It is possible to observe the consistent lineage of the locking and operating system of the Derya design through each evolution.
62. Attached at **Exhibit "N"** is a comparative view of the AR15 and the Defender / Carina.
63. The MK12 is its own unique design, evolving from the Defender model, as manufactured by Derya Arms. The MK12 does not share core design elements with either the AR10 or AR15 platforms. Further, the MK12 is not a fully automatic firearm and I am therefore unaware of any basis upon which it could be said that it is a variant of the M16 or the M4 which were prescribed in the Regulation as a basis for being prohibited.

Economic Impact of the Changes

64. The change of status of the MK12 from non-restricted to prohibited eliminates their sale as a commercial item in Canada. The sale of the MK12 to hunters and sport shooters

accounted for approximately 23% of the last year's revenue to O'Dell Engineering or approximately C\$1.38 million in lost annual revenue. This will potentially impact staffing and will reduce the tax revenue generated to the government.

65. The banning of the AR15 and AR10 style firearms and specific accessory parts as named in the Regulation will also cost O'Dell some 20% of last years' sales. This is another C\$1.2 million in lost annual revenue, again impacting our ability to maintain staff and to continue to generate positive tax revenue through our operations.

The Execution of this Affidavit

66. Given the current COVID-19 pandemic, I am not in a position to be physically present before the Commissioner for Oaths or a Notary Public when affirming this Affidavit. However, I was linked to a Commissioner for Oaths and Notary Public via video technology and in doing so:

- (a) I showed the Commissioner / Notary the front and back of my valid, government issued drivers' license;
- (b) The Commissioner compared the picture on my driver's license with my image on the video and verbally stated that they were reasonably satisfied that the picture on my driver's license and my image on the video are the same person and that my driver's license is valid;
- (c) The Commissioner took a screen shot of the front and back of my driver's license;
- (d) I reviewed this my Affidavit and all Exhibits attached thereto, alongside with the Commissioner who did the same while connected to me via video technology;
- (e) I confirmed that each page of the Affidavit and Exhibits I reviewed and that before the Commissioner are identical;

mao

- (f) The Commissioner orally administered the oath and I swore that the contents of my Affidavit were true; and
- (g) The Commissioner watched as I signed my name to the Affidavit.

AFFIRMED BEFORE ME at the City of
Calgary, in the Province of Alberta, this
11th day of September, 2020.



A Commissioner for Oaths and a Notary
Public in and for the Province of Alberta



PHILIP O'DELL

This is **Exhibit “A”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

Curriculum Vitae

Philip C. O'Dell, P.Eng., M.A.Sc.

Education:

University of Waterloo:

Honours Bachelor of Applied Science (Mechanical Engineering, Coop), 1985

Masters of Applied Science (Mechanical Engineering), 1990

High School:

Centre Dufferin District High School, Shelburne, 1980

Top graduating student

Professional Qualifications:

Licensed Professional Engineer, Province of Ontario from 1987, license number 34547505

Colt Canada Factory Trained and Authorized Armourer

Steyr Mannlicher Factory Trained Service Armourer

Glock Certified Armourer

Bergara/CVA Authorized Warranty Technician

Rock Island Armoury Authorized Warranty Technician

Current holder of Possession and Acquisition License following classes:

12(2) - Fully Automatic firearms

12(3) - Converted Automatic firearms

12(4) - AUG/Uzi/Ingram firearms

12(5) - former PWO 13 firearms

12(6) - .25/.32 & short barreled handguns

Restricted Firearms

Non-Restricted Firearms

Committee Member:

Department of Justice (Federal) Firearms Technical Committee (2000)

Department of Justice (Federal) Import and Export Committee (2001)

Department of Public Safety (Federal) Firearms Technical Committee (2014)

Work Experience:

President, O'Dell Engineering Ltd. 1995 to present

Founded firm and have grown it from \$150,000 first year sales to approximately \$6 million annually.

Licensed from DND, developed, achieved FDA and Health Canada clearance and sold world wide a novel chemical defence skin decontamination product "RSDL", including DND, the US Military (DOD - all branches), Netherlands, Belgium, France, Australia, and New Zealand as well as the UN and OPCW inspection teams. Transferred the license to EZEM (now Bracco Diagnostics).

Created a second division to develop data collection and management software applications and specify associated hardware platforms. This division has, exclusively through internal funding, developed a complete tracking system for Police evidence management which has been expanded to applications in courier package sorting and tracking, hospital patient information systems, and control of hazardous waste for nuclear energy operations.

Purchased out the partnership of Phantom Forge (established by the principal in 1983 with Derek O'Dell) and have operated it as a Division of O'Dell Engineering since approximately 2005. The business was moved under the supervision and review of the Ontario Chief Firearms Office (CFO) and it was reviewed prior to and after the move for compliance with CFO protocols. The firearms importation, sales and gunsmithing has operated at the current address since that time. The firearms import and distribution business has grown to approximately \$6 million annual sales. It is the largest supplier of binary targets in Canada. The business continues to offer professional services to legal firms for accident investigation and design review, as well it is the first line warranty centre for all of the product lines it imports into Canada, including Armscor/Rock Island Armory, Derya, Bergara, CVA, Radical Firearms, Anderson Manufacturing, and Tisas.

Established the "Canuck" brand of firearms in 2016 and have been importing shotguns and handguns under this name to meet unique Canadian market desires. The Canuck brand is now our leading revenue centre and is supported by 5 manufacturers to provide the full range of hunting and target shooting guns we have branded under the name.

Owner/partner; Phantom Forge, 1983 to 2005, Div of O'Dell Engineering 2005 to present

Cofounder of licensed firearms business which has been reviewed and approved by the Ontario Government Chief Firearms' Office since inception. Business provides all firearms repair and manufacturing support to O'Dell Engineering Ltd. including design and prototyping. Projects have included M203 (Colt Improved) systems for Colt Industries, Firearms Division, Hartford

CN, prototyping complete Simunition training rifles for SNC Industrial Technologies, repairing and rebuilding numerous firearms for competitive shooters (2 Queen's Prize winners among them) and museum restorations. The business license allows the importation, holding, and sales of all classes of firearms and ammunition, and all firearms' accessories including "Prohibited" classes.

Participated in the redefinition process of the Business Licence with the Federal Government and Provincial Police during the 1995 firearms law changes. Was the reason for the allowance or implementation of several additional "licence purposes" under the Firearms Act Regulations. Upgraded business licence to include manufacture/handling/gunsmithing of all classes of firearms.

Business is recognized as the primary Canadian source for warranty and factory authorized repairs of all Steyr-Mannlicher firearms from Austria.

Business is a recognized Glock Factory Authorized warranty and repair centre.

Phantom Forge provides one of the few independent repair, overhaul and analysis locations for Police for H&K and Steyr firearms as well as Colt Canada and Colt. We have been recognized by the factories in all cases for both warranty and/or performance questions from end users.

Engineer; Diemaco (1984) Inc. 1985 to 1995 (now Colt Canada)

Hired as a design engineer to work for Diemaco designing, developing, prototyping, testing, and supporting the manufacture of military small arms weapons systems for the Canadian Forces (C7, C7A1, C8, C9, as well as legacy 9mm, 7.62mm and .50 cal systems). Promoted to the positions of Technical Sales Representative, Program Manager, Sales Coordinator, and Sales Manager for the company. I was responsible for all aspects of product definition, specification, design, development, prototyping, testing, marketing, and sales of the companies products. Product management included developing complete proposals with industrial offsets, negotiating international contracts and major contracts including licenses with the Canadian Government and foreign companies and governments.

Recognized by the Canadian Forces to evaluate, test, and recommend design changes, disposition of deviations and waivers, and engineering reports, and to stamp off final reports and conclusions for the Canadian Forces – one of only 4 persons so recognized at the time in the field in Canada.

Personally participated in and supervised the M16 LMG/C7 LSW program, the Voyager Survival Rifle, C7 enhancement for The Netherlands, definition of the M203 (Product Improved) for the CF, Repair & Overhaul programs for the C1A1/C2A1 rifles and LMGs as well as accessories, among others.

Worked with the Canadian Government in the drafting of legislation which changed the Export Controls section of the Canadian Criminal Code to allow Canadian companies to support our allies through the export sales of military products.

Worked to develop an overseas market and signed the first major overseas small arms contract awarded to a private company in Canada since the Second World War. Participated in the registration of Diemaco to ISO 9001 as an internal auditor and as a part of the implementation and training team.

Recreational Activities:

Competitive target shooting
Historical Firearms Collection & restoration
Classic car restoration

Founder, former President - Canadian Historical Arms Museum, Puslinch, ON, 2011 to present

The Canadian Historical Arms Museum's (CHAM) chartered purpose is preserve and protect the heritage of firearms in Canada and to research their role as they have interacted with Canadians through out our history at home and abroad. I created the Museum to preserve Canadian history and in order to assist estates I applied for and was granted status for the Museum as a charity. This has enabled correct recognition of the value of donations made by Canadians to its collections.

CHAM provides training, support, and educational presentations, lectures, and demonstrations to groups in and around Ontario. The reference collection is becoming well known and has been contracted to provide expert advice, as well as on camera talent, to the Smithsonian Channel and Discovery Network.

Gunsmithing Services provided by Phantom Forge:

Firearm function analysis and repair, parts replacement and remanufacture as required.

Shotgun modification to fit interchangeable chokes

Optical sight mount fitting and alignment, machine drill and tap as required.

Sight installation - optical and iron sights

Rebarrelling - chambering, threading, crowning, fitting

Restocking and finishing

Bedding

Trigger modification and repair

Prototype manufacture on a project specific basis

Deactivation and deregistration

11

Gunsmiths on staff;

Philip C. O'Dell, P.Eng., M.A.Sc.

Daniel J. Bonin

This is **Exhibit “B”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

Prepared by:
O'Dell Engineering Ltd.

1. Inside of a rifle showing the spiraling; (rifling):



An actual barrel image.

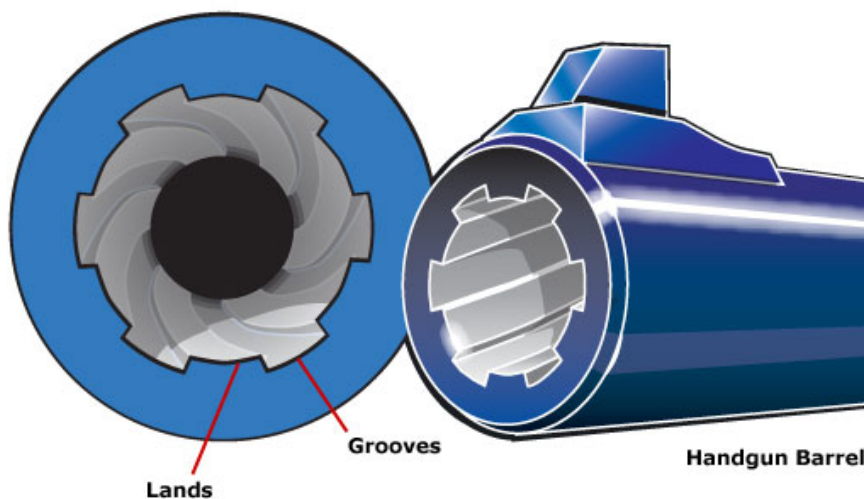


Illustration of conventional rifling showing the “Lands” and Grooves”.

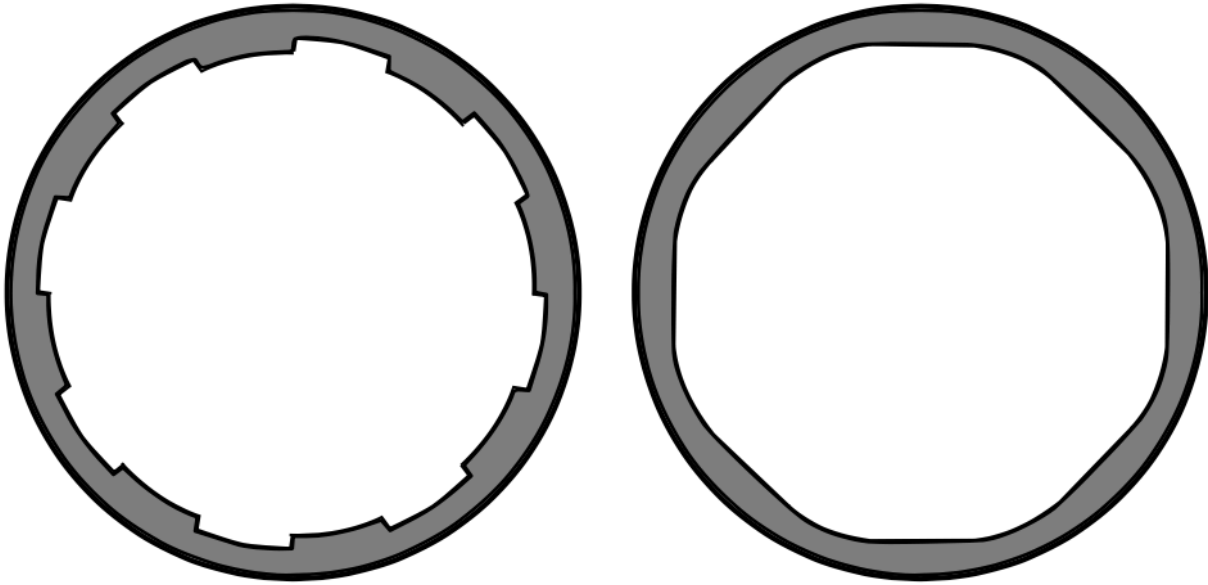


Image of two common rifling forms, conventional “Enfield” style rifling on the left which is most commonly used today and polygonal rifling on the right which is also commonly used. Both forms are based on 8 “lands and grooves”. You can see that measuring the “bore” can be problematic when the rifling form varies.

This is **Exhibit “C”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

A dial bore gauge suitable for measuring the bore within 3" of the muzzle. Longer versions are made for measuring deeper into the barrel.



This is **Exhibit “D”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

Image of the same shotgun requested at #2 but with a different choke thereby making it in excess of 20mm.



Image showing bore diameter of .795" (22.00 mm).

This is **Exhibit “E”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

A dial bore gauge suitable for measuring the bore within 3" of the muzzle. Longer versions are made for measuring deeper into the barrel.



This is **Exhibit “F”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

Image of a firearm with a proof mark stamped on it.



A. Image showing a British Proof House Mark "BNP" (where the proof firing was done), the chambering "7.62X51MM", and the proof load applied "20 TONS", and the actual inspectors mark. This mark is located on the barrel of the firearm.

B. Image showing an Austrian proof mark on the receiver of the firearm below the serial number of the firearm. The series of marks indicate the Government Proof, the inspector, and a code for the actual batch. These proofs were done at the manufacturers and are generally applied to the receiver and the barrel of new firearms per Austrian Law.



This is **Exhibit “G”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

A bolt action rifle which would be non-restricted:



Example: A Mauser-action rifle in .30-06 Springfield.

The same type of bolt action rifle but with an after market barrel (which would exceed 10,000 joules)



Example: A custom Mauser-action rifle rebarrelled in .460 Weatherby Magnum.

A firearm with a barrel that would produce less than 10,000 joules;



A Weatherby Mark V rifle in .338 Weatherby Magnum.

The same firearm with a barrel that would produce more than 10,000 joule



A Weatherby Mark V rifle in .460 Weatherby Magnum.

This is **Exhibit “H”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

A rifle with a magnum length action with a chamber that produces less than 10,000 joules;



A Ruger No.1 Rifle, Chambered in .30-06 Government

The same rifle magnum length action with a chamber that produces more than 10,000 joules of energy.



Two Ruger No 1 rifles, top in .378 Weatherby Magnum. the bottom rifle in .460 Weatherby Magnum (Ref. FRN 34192-91)

<https://www.rockislandauction.com/detail/1022/314/two-ruger-single-shot-rifles>

This is **Exhibit “I”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

Table: Firearms in the public Firearms Reference Table that cite amendments made in SOR/2020-96 as a legal authority for being Prohibited but are not explicitly named in SOR/2020-96.

* Denoted by the corresponding paragraph number in Part 1 of SOR/98-462.

** Release date of the public FRT version where a given firearm's Prohibited by OIC status was first available to the public.

*** Definition of values: NR – Non-Restricted, R – Restricted, P – Prohibited.

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
1891	Ruger	XGI	Rifle	Semi-Automatic	88	2020-05-07	243 WIN, 308 WIN	NR
3018	Weatherby	MARK V Deluxe	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
3036	Weatherby	MARK V Europa	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
3074	Weatherby	MARK V Euromark	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
3079	Weatherby	MARK V Deluxe	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
3080	Weatherby	MARK V Lazermark	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
4586	Dumoulin, Ernest	Continental 1	Rifle	Multi-Barrel	96	2020-05-07	460 WBY MAG	NR
4628	Dumoulin, Henri & Fils	Imperial Magnum Sovereign	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
4632	Dumoulin, Henri & Fils	Imperial Magnum Grand Luxe	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
4633	Dumoulin, Henri & Fils	Imperial Magnum	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
4638	Kimber	89 African	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
4929	Heym	Express	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
4929	Heym	Express	Rifle	Bolt Action	96	2020-06-16	600 NITRO EXPRESS	NR
15837	Modulo Masterpiece	Wizard Snap Long Range Match	Rifle	Single-Shot	96	2020-05-07	408 CHEYENNE TACTICAL	
22629	SIG	Stgw90PE	Rifle	Semi-Automatic	83	2020-02-21	5.56MM NATO	P
25204	Spendal	Double Rifle	Rifle	Multi-Barrel	96	2020-06-16	700 NITRO EXPRESS	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
25626	Palmetto State Armory	KS47	Rifle	Semi-Automatic	87	2020-05-07	7.62X39 RUSSIAN	R
25822	Palmetto State Armory	PA-15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM NATO, 7.62X39 RUSSIAN, 9MM LUGER	R
27754	Webley & Scott	Wild Fowl Gun	Shotgun	Multi-Barrel	95	2020-05-28	4 GA	NR
28167	Purdey	Double Barrel Rifle	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
29567	Mauser	1908 Brazilian Rifle	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
29836	McMillan	Talon Safari	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
29852	Harris Gunworks	Talon Safari	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
29900	Weatherby	MARK V Euromark	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
29914	Weatherby	MARK V Lazermark	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
30129	Weatherby	MARK V Crown Custom	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
30130	Weatherby	MARK V Safari Custom	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
30152	Weatherby	Classic MARK 1	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
30162	Weatherby	Classic MARK 2	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
32475	Weatherby	MARK V Custom	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
32477	Weatherby	MARK V Custom	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
32514	Weatherby	MARK V Safari Custom	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
32516	Weatherby	MARK V Safari Custom	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
33643	84 Gun	Classic	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
33645	84 Gun	Lobo	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
33647	84 Gun	Pennsylvania	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
34192	Ruger	No 1	Rifle	Single-Shot	96	2020-05-07	460 WBY MAG	NR
35211	Weatherby	MARK V	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
35213	Weatherby	MARK V	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
39531	Weatherby	MARK V Deluxe	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
48505	Diemaco	R7	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
49088	Professional Ordnance	Carbon 15	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 5.56MM NATO	R
49092	Professional Ordnance	Carbon 15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	223 REM	R
52260	Demas	Azur	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
56936	Greener, W W	Duck Gun	Shotgun	Single-Shot	95	2020-05-28	4 GA	NR
57438	Prairie Gun Works	LRT2REP	Rifle	Bolt Action	96	2020-05-07	375 CT WILDCAT, 408 CHEYENNE TACTICAL, 416 CT WILDCAT	NR
57439	Prairie Gun Works	LRT2SS	Rifle	Single-Shot	96	2020-05-07	375 CT WILDCAT, 408 CHEYENNE TACTICAL, 416 CT WILDCAT	NR
57697	Prairie Gun Works	M18 Ti	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
57898	Westley Richards	Single Under-Lever Rifle	Rifle	Single-Shot	96	2020-06-16	600 X 3"	NR
58397	Grant, Stephen & Sons	Double Barrel Rifle	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
60238	FAMARS	Venus Express	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
60256	FAMARS	Africa Express	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
60604	Zanardini	Oxford 407SL Express	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
60617	Zanardini	Oxford 403SL Express	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
60657	Zanardini	Bristol 409 Express	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS, 700 NITRO EXPRESS	NR
67425	Unknown	Side By Side	Shotgun	Multi-Barrel	95	2020-05-28	4 GA	NR
68107	Mauser	Sporter	Rifle	Bolt Action	96	2020-05-07	375 CT WILDCAT	NR
68525	Boswell, Charles	Side By Side	Shotgun	Multi-Barrel	95	2020-05-28	4 GA	NR
72015	Unknown	Single Barrel	Shotgun	Single-Shot	95	2020-05-28	4 GA, 4 GA PERCUSSION	NR
82751	Westley Richards	Single Barrel	Shotgun	Single-Shot	95	2020-05-28	4 GA	NR
83771	Unknown	Sporter	Rifle	Single-Shot	96	2020-05-07	50, 50 BMG	NR
86838	Szecsei & Fuchs	SSS	Rifle	Other	96	2020-06-16	700 SSS	NR
88076	Olympic Arms	K23B	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 40 S&W, 45 AUTO, 9MM LUGER	R
109095	Horsley, Thomas	Side By Side	Shotgun	Multi-Barrel	95	2020-05-28	4 GA	NR
117197	Homemade	Single Shot Rifle	Rifle	Single-Shot	96	2020-05-07	50 BMG	NR
117396	Bate, G	Side By Side	Shotgun	Multi-Barrel	95	2020-05-28	4 GA	NR
117595	Weatherby	MARK V DGR	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
117772	Olympic Arms	KPM LE	Rifle	Semi-Automatic	87	2020-05-07	40 S&W, 9MM LUGER	R
118380	Prairie Gun Works	Timberwolf Tactical	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
118557	Nesika	M	Rifle	Single-Shot	96	2020-05-07	460 WBY MAG	NR
118558	Nesika	M	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
119327	Blask Arms	DAP601	Handgun	Semi-Automatic	87	2020-05-07	9MM LUGER	R
120064	Schuerman Arms	SA40	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
120096	Voere	2002XXL	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
120313	Pfeifer Waffen	Zeliska	Handgun	Revolver	96	2020-06-16	600 NITRO EXPRESS	R
120316	Homemade	AR15	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 308 WIN	R
120647	MAG	GS97	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
121746	CheyTac	M100 Intervention	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
121748	CheyTac	M200 Intervention	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
121752	CheyTac	M300 Shiloh	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	
121753	CheyTac	M400 Shiloh	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	
121754	CheyTac	CheyTac	Rifle	Single-Shot	96	2020-05-07	408 CHEYENNE TACTICAL	NR
122289	Searcy, B	Double Barrel Rifle	Rifle	Multi-Barrel	96	2020-06-16	700 NITRO EXPRESS	NR
122359	Diemaco	C7CT	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
122360	Diemaco	C8CT	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
122799	Bushmaster	Carbon 15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	223 REM, 5.56MM NATO, 9MM NATO	R

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
123161	Cavalry Arms	CAV-15 Trooper	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
123162	Cavalry Arms	CAV-15 Scout	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
123420	CZ	CZ550 Safari Classic Magnum	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
123661	Heym	88B/SS Jumbo	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
123803	CheyTac	M400	Rifle	Semi-Automatic	96	2020-05-07	408 CHEYENNE TACTICAL	NR
124641	Ligamec	Ultralite50	Rifle	Single-Shot	96	2020-05-07	50 BMG	
124643	Ligamec	USA50	Rifle	Semi-Automatic	96	2020-05-07	50 BMG	
124649	Medwell & Perrett	Double Barrel Rifle	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
125015	Diemaco	CQB	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
125338	SIGARMS	SIG 556	Rifle	Semi-Automatic	83	2020-02-21	5.56MM NATO	P
125377	CheyTac	M310	Rifle	Single-Shot	96	2020-05-07	408 CHEYENNE TACTICAL	NR
125378	CheyTac	M310	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
125570	Global Tactical	GTAR15	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
125607	Diemaco	C8A2	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
125655	Colt	CQB	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
125657	Colt	C8CT	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
125660	Colt	C8A1	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
125661	Colt	C8A2	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
125672	Colt	SFW	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
126166	Remington	XM110	Rifle	Semi-Automatic	87	2020-05-07	7.62MM NATO	R
126363	TOZ	TOZ-123-01	Shotgun	Pump Action	95	2020-05-28	4 GA	NR
126415	Leitner-Wise Rifle	LW15-5.56CP	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
126420	Leitner-Wise Rifle	LW15-5.56SFODA	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
126476	Cloud Mountain	502 Thunder Sabre	Rifle	Semi-Automatic	87	2020-05-07	502 THUNDER SABRE	R
126478	Cloud Mountain	502 Big Bore Canyon	Rifle	Semi-Automatic	87	2020-05-07	502 THUNDER SABRE	R
126479	Cloud Mountain	502 Thunder Boss	Rifle	Semi-Automatic	87	2020-05-07	502 THUNDER SABRE	R
126747	Bushmaster	Carbon 15 Top Loading	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
126813	Precht, Gottfried	Mauser 98 Safari	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
126927	Diemaco	C8CT Copy	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
127591	Olympic Arms	K30R	Rifle	Semi-Automatic	87	2020-05-07	7.62X39 RUSSIAN	R
127592	Olympic Arms	K68	Rifle	Semi-Automatic	87	2020-05-07	6.8MM SPC	R
127602	Olympic Arms	K7 Eliminator	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
127790	SIG	SG552 SP	Rifle	Semi-Automatic	83	2020-02-21	223 REM	P

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
127846	Imperial Defence Services	MG4A5	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
127847	Imperial Defence Services	MG4A6	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
128270	Socom Firearms Corporation	Leonidas AR10	Rifle	Semi-Automatic	87	2020-05-07	307 WIN, 308 WIN, 7.62MM NATO	R
128272	Socom Firearms Corporation	Stubby ARC	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 9MM LUGER, 9X21 IMI	R
128273	Socom Firearms Corporation	Diplomat	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 5.56MM NATO	R
128287	Cavalry Arms	CAV-15A	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
128468	CheyTac	M200	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
128653	ZM Weapons	LR300AXLT	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
128667	SOG Armory	SOG Tactical	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
128692	Olympic Arms	ACB	Rifle	Semi-Automatic	87	2020-05-07	40 S&W	R
128736	SIG Sauer	P556	Handgun	Semi-Automatic	83	2020-02-21	5.56MM NATO	P
128807	EDM Arms	408 XM Series	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
128897	Lawton Machine	8500	Rifle	Single-Shot	96	2020-05-07	408 CHEYENNE TACTICAL	NR
129147	SIG Sauer	SIG 522	Rifle	Semi-Automatic	83	2020-02-21	22 LR	P
129152	Knights Armament Company	PDW	Commercial Version	Semi-Automatic	87	2020-05-07	6X35 TSWG	R

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
129426	R&C Armoury	AR15	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
129450	Lawton Machine	8000	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
130085	Unknown	AR15	Handgun	Semi-Automatic	87	2020-05-07	223 REM	R
130106	LWRC	M6/M6A3	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO, 6.8MM SPC	R
130122	LWRC	M6	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO, 6.8MM SPC	R
130350	Homemade	Black Powder Mortar	Mortar	Single-Shot	95	2020-05-07	3" MORTAR	NR
130417	China Xinshidai	Type CQ-A-1 Semi-Automatic Rifle	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
130443	Smith & Wesson	M&P 15R	Rifle	Semi-Automatic	87	2020-05-07	5.45X39 RUSSIAN	R
130447	Smith & Wesson	M&P 15VTAC	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
130451	Smith & Wesson	M&P 15X	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
130509	Barnard	P Chey	Rifle	Single-Shot	96	2020-05-07	408 CHEYENNE TACTICAL	NR
130627	Les Baer Custom	Police Special	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 264 LBC-AR, 5.56MM NATO, 6X45	R
130829	Astra Arms	STG4	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 5.56MM NATO	R
130869	Spike's Tactical	SLP-15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	22 LR, 223 REM	R

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
131107	Stillers Precision Firearms	TAC408	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
131168	Stillers Precision Firearms	TAC408	Rifle	Single-Shot	96	2020-05-07	408 CHEYENNE TACTICAL	NR
131409	Homemade	AR-10 Copy	Rifle	Semi-Automatic	87	2020-05-07	308 WIN, 7.62MM NATO	R
131462	EAA	SAB92SF	Rifle	Multi-Barrel	96	2020-06-16	600 NITRO EXPRESS	NR
131494	LWRC	M6/M6A2 Pistol	Handgun	Semi-Automatic	87	2020-05-28	5.56MM NATO, 6.8MM SPC	
132171	SIG Sauer	SIG 522 Pistol	Handgun	Semi-Automatic	83	2020-02-21	22 LR	P
132450	Akdal	MKA 1919	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
132638	Bushmaster	LR-308	Rifle	Semi-Automatic	87	2020-05-07	308 WIN	R
133105	Thor Global Defense Group	408 XM Series	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
133396	Mossberg	702 Plinkster Tactical 22	Rifle	Semi-Automatic	87	2020-05-28	22 LR	NR
133417	Thor	TR15 Carbine	Rifle	Semi-Automatic	87	2020-05-28	5.56MM NATO	
133643	Mega Machine Shop	MEGA Pistol	Handgun	Semi-Automatic	87	2020-05-28	5.56MM NATO	
133756	Olympic Arms	K74	Rifle	Semi-Automatic	87	2020-05-07	5.45X39 RUSSIAN	R
133868	SIG Sauer	SIG 22SCM	Rifle	Semi-Automatic	83	2020-02-21	22 LR	P
133870	SIG Sauer	SIG 556	Rifle	Semi-Automatic	83	2020-02-21	5.56MM NATO	P
134296	Wells & Wells	Mauser Magnum Sporter	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
134481	Rock River Arms	LAR-PPS	Handgun	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
134637	Physics Applications	Universal Receiver	Other	Single-Shot	95	2020-05-07	20X102	NR
135377	Smith & Wesson	M&P 15TS	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
135550	Montana Rifle	1999 DGR	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
136602	Vltor Weapon Systems	VR	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO, 50 BEOWULF, 7.62X39 RUSSIAN	R
136698	Mossberg	715T Tactical 22	Rifle	Semi-Automatic	87	2020-05-28	22 LR	NR, P
137416	Tomahawk	2010	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
137657	Proarms Armory	Par MARK 3	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
138116	SIG Sauer	SIG 556R	Rifle	Semi-Automatic	83	2020-02-21	7.62X39 RUSSIAN	P
138859	Mega Arms	MEGA GTR-3S	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
139842	Heckler & Koch	G28	Rifle	Semi-Automatic	87	2020-05-07	7.62MM NATO	R
139846	SIG Sauer	SIG 556xi	Rifle	Full Automatic	83	2020-02-21	5.56MM NATO	P
141379	Derya Arms	MK12	Shotgun	Semi-Automatic	87	2020-06-16	12 GA X 3"	NR
142062	Micor Defense	Leader 50	Rifle	Semi-Automatic	96	2020-05-07	50 BMG	
142063	Micor Defense	Leader 416	Rifle	Semi-Automatic	96	2020-05-07	416 BARRETT	
142124	Akdal	MKA 1919	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
142275	Alpharms	07SA	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
142624	Sterling Cross Defence Systems	Wartak Reaper MARK 1	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
144539	RGuns	TRR15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
144624	Battle Rifle Company	BR4	Rifle	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM NATO, 6.8MM SPC	R
144782	Franklin Armory	SE-SSP	Handgun	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
145119	Vigilance Rifles	VR1	Rifle	Semi-Automatic	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	
145170	Akdal	TAC-12	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
145288	Bora Arms	BR99	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
145724	Ruger	SR762	Rifle	Semi-Automatic	87	2020-05-07	308 WIN, 7.62MM NATO	R
146190	Alberta Tactical Rifle	Modern Hunter Prototype	Rifle	Semi-Automatic	87	2020-05-28	308 WIN	NR
146625	Mossberg	715P	Handgun	Semi-Automatic	87	2020-05-28	22 LR	R
147046	Alpharms	15SA	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
147181	Phase 5 Tactical	Atlas One Pistol	Handgun	Semi-Automatic	87	2020-05-28	5.56MM NATO	

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
147182	Phase 5 Tactical	P5T15 CQC Pistol	Handgun	Semi-Automatic	87	2020-05-28	5.56MM NATO	
147273	Colt	C8 CSC SCC	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
147524	Bushmaster	XM15E2S Pistol	Handgun	Semi-Automatic	87	2020-05-07	223 REM, 5.56MM NATO	R
147565	Battle Rifle Company	BR4	Handgun	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
147583	Troy Defense	Troy Proctor Carbine	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
147605	Troy Defense	Troy Rifle	Rifle	Semi-Automatic	87	2020-05-07	7.62MM NATO	R
147623	Core	Core-30	Rifle	Semi-Automatic	87	2020-05-07	308 WIN	R
147633	Troy Defense	Troy M7A1 Carbine	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
147706	Mossberg	715P Duck Commander	Handgun	Semi-Automatic	87	2020-05-28	22 LR	R
147718	Mossberg	715T Tactical 22 Duck Commander	Rifle	Semi-Automatic	87	2020-05-28	22 LR	NR
148323	Homemade	BA15	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
149826	Alberta Tactical Rifle	Modern Hunter	Rifle	Semi-Automatic	87	2020-05-28	243 WIN, 260 REM, 308 WIN, 338 FEDERAL, 6.5MM CREEDMOOR, 7MM-08 REM	NR
150026	CheyTac	M300 Intervention	Rifle	Bolt Action	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
150046	CheyTac	M300	Rifle	Bolt Action	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR
150466	American Historical Foundation	Bushmaster XM15E2S Carbine United States Airborne Commemorative	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
151333	War Sport	LVOA	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
152106	CMMG	MK-47	Rifle	Semi-Automatic	87	2020-05-07	7.62X39 RUSSIAN	R
152326	Black Rain Ordnance	Fallout 15 NRA Rifle	Rifle	Semi-Automatic	87	2020-05-28	223 REM	
152346	Black Rain Ordnance	Fallout 15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	223 REM	
152786	CMMG	MK-4 Pistol	Handgun	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT	
152986	Double Star	Star-15 C3	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
152988	Double Star	Star-15 3GR	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
152989	Double Star	Star-15 Midnight Dragon	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
152990	Double Star	Star-15 Patrol Rifle	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
153787	Kral	KRX	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
153906	LWRC	M6IC PSD Pistol	Handgun	Semi-Automatic	87	2020-05-07	5.56MM NATO	

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
153909	LWRC	M6.8 PSD Pistol	Handgun	Semi-Automatic	87	2020-05-28	6.8MM SPC	
153968	Montana Rifle	1999 SCR-SS	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
154686	Specialized Tactical Systems	SX3 Zombie Slayer Limited Edition	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
154726	Specialized Tactical Systems	SX3	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
154814	Troy Defense	Troy M5	Rifle	Semi-Automatic	87	2020-05-07	9MM LUGER	R
156869	Devil Dog Arms	DDA-15BS	Rifle	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM NATO	R
156886	War Sport	LVOA Pistol	Handgun	Semi-Automatic	87	2020-05-07	223 REM	R
157447	Grey Ghost Precision	Specter Heavy	Rifle	Semi-Automatic	87	2020-05-07	308 WIN	R
157548	Husan & Eksen	MKA 1919 Match	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
157852	War Sport	GPR	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
158186	Homemade	DF15	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
158626	MKA Arms	MKA 1919	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
158929	Quartercircle10	GLF	Rifle	Semi-Automatic	87	2020-05-07	10MM AUTO, 45 AUTO	R
159566	Angstadt Arms	AA-0940	Rifle	Semi-Automatic	87	2020-05-07	9MM LUGER	R
160006	Manufacture Francaise d'Armes & Cycles de St Etienne	Cannon Breech Punt Gun	Shotgun	Single-Shot	95	2020-05-07	37MM RIMMED	

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
160166	CMMG	MK3 Pistol	Handgun	Semi-Automatic	87	2020-05-07	7.62MM NATO	R
160248	Coronado Arms	CA-15	Rifle	Semi-Automatic	87	2020-05-28	5.56MM NATO, 6.8MM SPC	
160426	Diamondback Firearms	DB-308	Rifle	Semi-Automatic	87	2020-05-28	308 WIN	
160874	Grande Armeria Camuna (GAC)	Thunder	Rifle	Bolt Action	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR
160875	Grande Armeria Camuna (GAC)	Big One	Rifle	Single-Shot	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR
161267	Noreen Firearms	BN408	Rifle	Semi-Automatic	96	2020-05-07	408 CHEYENNE TACTICAL	
161767	CQ	Type CQ-A Semi-Automatic Rifle	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
161966	Savminter Enterprises	Victor	Rifle	Semi-Automatic	89	2020-05-07	308 WIN	NR
162446	Alberta Tactical Rifle	Modern Varmint	Rifle	Semi-Automatic	87	2020-05-28	5.56MM NATO, 6.5MM GRENDAL	NR
162566	Homemade	Lebel R1	Rifle	Semi-Automatic	87	2020-05-07	223 REM	R
163207	Fulton Armory	M21	Rifle	Semi-Automatic	89	2020-05-07	7.62MM NATO	NR
163346	Cadex	CDX-40 Shadow	Rifle	Bolt Action	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
163926	Pardus	SD	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164268	Derya Arms	VR90	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164286	Uzkon	BR99	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164328	Tomahawk	G7	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164330	Tomahawk	G9	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164331	Tomahawk	SA22	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164335	Tomahawk	SA15	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164336	Tomahawk	SO2	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164366	Tomahawk	PA22	Shotgun	Pump Action	87	2020-05-28	12 GA X 3"	NR
164383	Tomahawk	SAG33	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
164662	Palmetto State Armory	PA-X9	Rifle	Semi-Automatic	87	2020-05-07	9MM LUGER	R
165247	CMMG	MK-47 Pistol	Handgun	Semi-Automatic	87	2020-05-07	7.62X39 RUSSIAN	R
165322	Palmetto State Armory	PA-X9 Pistol	Handgun	Semi-Automatic	87	2020-05-07	9MM LUGER	
166442	Norinco	305B	Rifle	Semi-Automatic	89	2020-05-07	223 REM	NR
166443	Norinco	NR-401 Semi-Auto Rifle	Rifle	Semi-Automatic	87	2020-05-07	7.62X39 RUSSIAN	R
166822	Adler	Adler B210	Shotgun	Bolt Action	87	2020-05-28	12 GA X 3"	NR

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
166825	Albert Arms	ALR	Rifle	Semi-Automatic	87	2020-05-28	338 LAPUA MAG	
166942	Berika	TA1950	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
167042	Warrior	Warrior Tactical Shotgun	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
167043	Berika	TS1950	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
169003	Uzkon	TR199	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
169222	Tresna Defense	Tresna JAG9G	Rifle	Semi-Automatic	87	2020-05-07	9MM LUGER	R
169442	Tresna Defense	Tresna JAG9G	Handgun	Semi-Automatic	87	2020-05-07	9MM LUGER	R
169783	Bula Defense Systems	XM21	Rifle	Semi-Automatic	89	2020-05-07	308 WIN, 7.62MM NATO	NR, R
170342	Axor	MF-2	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR, R
170742	S F Armory	RDR-MK1	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
170762	Axor	MF-1	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR, R
170843	F-1 Firearms	BDR-15-3G CA Pistol	Handgun	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM NATO	R
170844	F-1 Firearms	BDR-15 CA Pistol	Handgun	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM NATO	R
172502	Radical Firearms	RFS-15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
174702	2A Armament	Aethon	Rifle	Semi-Automatic	87	2020-05-28	5.56MM NATO	

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
174943	Billet Rifle Systems (BRS)	BRS-47	Rifle	Semi-Automatic	87	2020-05-07	7.62X39 RUSSIAN	R
175091	Civilian Force Arms	CFA-15	Rifle	Semi-Automatic	87	2020-05-28	223 REM	
175204	Dez Arms	BR4-15	Rifle	Semi-Automatic	87	2020-05-28	223 REM	
175222	Dez Arms	TA-15	Rifle	Semi-Automatic	87	2020-05-28	223 REM	
175224	Fort Discovery	Expedition	Rifle	Semi-Automatic	87	2020-05-28	223 REM	
175324	Grey Ghost Precision	Cornerstone	Rifle	Semi-Automatic	87	2020-06-25	5.56MM NATO	
176607	GAC Rifles	Thunder	Rifle	Bolt Action	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR
176608	GAC Rifles	Big One	Rifle	Single-Shot	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR
176624	Typhoon Defence	F12 Typhoon	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	NR
178024	Black Leaf Industries	BL9	Handgun	Semi-Automatic	87	2020-05-07	9MM LUGER	R
178102	Troy Defense	Troy Rifle M10A1	Rifle	Semi-Automatic	87	2020-05-07	7.62MM NATO	R
179042	Ranger	XT3 Tactical	Shotgun	Semi-Automatic	87	2020-05-28	410 GA X 3"	NR
179645	DTI	DT10	Rifle	Semi-Automatic	87	2020-05-07	7.62MM NATO	R
179963	Black Creek Labs	BCL15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM	R

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
							NATO, 7.62X39 RUSSIAN	
180002	Spike's Tactical	Meanstreak	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
181623	DRD	Aptus	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 300 AAC BLACKOUT	
181822	Maccabee Defense	SLR-MULTI	Rifle	Semi-Automatic	87	2020-05-28	204 RUGER, 223 REM, 224 VALKYRIE, 300 AAC BLACKOUT, 458 SOCOM, 6.5MM GRENDL, 7.62X39 RUSSIAN	NR
182802	Lobaev Arms	SVLK-14S	Rifle	Single-Shot	96	2020-05-07	408 CHEYENNE TACTICAL	NR
182882	Lobaev Arms	DXL-4	Rifle	Bolt Action	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR
183962	Falkor Defense	FD-30A	Rifle	Semi-Automatic	87	2020-05-07	300 WIN MAG	NR
184942	Colt	C8 IUR RCMP	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
185082	Smith & Wesson	M&P 15 Competition	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
185642	Alien Armory	AA9G	Rifle	Semi-Automatic	87	2020-05-28	9MM LUGER	
185682	Alien Armory	AAB-15	Rifle	Semi-Automatic	87	2020-05-28	5.56MM NATO	

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
185702	American Defense Manufacturing	UIC-9	Rifle	Semi-Automatic	87	2020-05-28	9MM LUGER	
185828	Bula Defense Systems	M21 DMR	Rifle	Semi-Automatic	89	2020-05-07	308 WIN, 7.62MM NATO	NR
185882	Caracal	CAR 816 A2	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
185923	Caracal	CAR 814 A2	Rifle	Semi-Automatic	87	2020-05-07	5.56MM NATO	R
186042	Christensen Arms	Carbon CA-15 G2	Rifle	Semi-Automatic	87	2020-05-28	5.56MM NATO	
186482	Radical Firearms	RF-15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM NATO	R
187342	Canuck	Havoc	Shotgun	Pump Action	87	2020-05-28	12 GA X 3", 20 GA X 3"	NR
187442	MKA Arms	MKA 1919PA	Shotgun	Pump Action	87	2020-05-28	12 GA X 3", 20 GA X 3"	
187582	MKA Arms	MKA 1919	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	
187983	Eternal	FX12	Shotgun	Semi-Automatic	87	2020-05-07	12 GA X 3"	NR, R
188284	MBX	Pro Series PCC	Rifle	Semi-Automatic	87	2020-05-07	9MM LUGER	R
188822	Ashbury Precision Ordnance	VX	Rifle	Bolt Action	96	2020-05-07	375 CHEYENNE TACTICAL, 408 CHEYENNE TACTICAL	NR
189362	Big Horn Armory	AR500	Rifle	Semi-Automatic	87	2020-05-28	500 AUTO MAX	
189742	Springfield Armory	Saint Pistol	Handgun	Semi-Automatic	87	2020-05-07	223 REM, 300 AAC BLACKOUT, 5.56MM NATO	R

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
189925	CK Arms	CKAR-9	Rifle	Semi-Automatic	87	2020-05-07	9MM LUGER	R
190322	Glarner Waffen	SPC-A2	Rifle	Semi-Automatic	87	2020-05-28	9MM LUGER	
191282	Windham Weaponry	WW-PS	Handgun	Semi-Automatic	87	2020-05-07	223 REM, 300 AAC BLACKOUT, 450 BUSHMASTER, 7.62X39 RUSSIAN	R
193146	Dasan	DAR10	Rifle	Semi-Automatic	87	2020-05-28	7.62MM NATO	
193662	Sharps Bros	Hellbreaker	Rifle	Semi-Automatic	87	2020-05-07	223 REM, 300 AAC BLACKOUT, 5.56MM NATO	R
194565	Voere	X3	Rifle	Bolt Action	96	2020-05-07	408 CHEYENNE TACTICAL	NR
194622	Alberta Tactical Rifle	Modern Sporter	Rifle	Semi-Automatic	87	2020-05-28	22 LR, 5.56MM NATO	NR
194802	Derya Arms	VR60	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	
194805	Stoner	SR-30 SBR	Rifle	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT	R
195057	TriStar	KRX	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	
195357	Concari	Steinbock	Rifle	Bolt Action	96	2020-05-07	460 WBY MAG	NR
195372	Concari	Royal	Rifle	Multi-Barrel	96	2020-05-07	460 WBY MAG	NR
195379	Concari	04	Rifle	Single-Shot	96	2020-06-16	600 NITRO EXPRESS	NR
195518	KE Arms	KE-9	Rifle	Semi-Automatic	87	2020-05-07	40 S&W, 9MM LUGER	R

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
195889	FN	FN15 Pistol	Handgun	Semi-Automatic	87	2020-05-07	300 AAC BLACKOUT, 5.56MM NATO	R
195943	Live Free Armory	LF-10	Rifle	Semi-Automatic	87	2020-05-28	308 WIN	
195954	Unknown	M305	Rifle	Semi-Automatic	89	2020-05-07	7.62MM NATO	NR
196082	Springfield Armory	Saint Victor	Rifle	Semi-Automatic	87	2020-05-07	308 WIN	
196186	Palmetto State Armory	KS-47G2	Handgun	Semi-Automatic	87	2020-05-07	7.62X39 RUSSIAN	
196207	Radian	AX556	Rifle	Semi-Automatic	87	2020-05-07	22 LR	
196219	Landor Arms	LND-109	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	
196221	Landor Arms	LND-106	Shotgun	Semi-Automatic	87	2020-05-28	12 GA X 3"	
196232	Q	Honey Badger	Handgun	Semi-Automatic	87	2020-06-16	300 AAC BLACKOUT	
196233	Q	Sugar Weasel	Handgun	Semi-Automatic	87	2020-06-16	300 AAC BLACKOUT	
189307	Best Arms	BA612	Shotgun	Semi-Automatic	87	2020-08-31	12 GA x 3"	Non-restricted
189308	Best Arms	BA12	Shotgun	Semi-Automatic	87	2020-08-31	12 GA x 3"	Non-restricted
189306	Best Arms	BA712	Shotgun	Semi-Automatic	87	2020-08-31	12 GA x 3"	Non-restricted
189305	Best Arms	BA812	Shotgun	Semi-Automatic	87	2020-08-31	12 GA x 3"	Non-restricted
77171	Casartelli Carlo	Africa	Rifle	Bolt Action	96	2020-08-31	460 WBY MAG	Non-restricted
196335	Colt Canada	C20	Rifle	Semi-Automatic	87	2020-08-31	7.62mm NATO	Non-restricted

FRN	Make	Model	Type	Action	Legal Authority *	Prohibited Date (Public FRT) **	Affected Calibres	Pre-OIC Legal Classifications ***
123028	Harris & McMillan	Talon Safari	Rifle	Bolt Action	96	2020-08-31	460 WBY MAG	Non-restricted
15355	Sturm Ruger	Mousqueton AMD-5.56	Rifle	Semi-Automatic	88	2020-08-31	5.56MM NATO	
18369	United Defense	S5	Rifle	Semi-Automatic	87	2020-08-31	5.56MM NATO	
147264	Voere	XXL	Rifle	Bolt Action	96	2020-08-31	460 WBY MAG	Non-restricted
26237	Olympic Arms	CAR40	Rifle	Semi-Automatic	87	2020-08-31	40 S&W	

This is **Exhibit “J”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta



FRT Report

Firearm Reference Number (FRN): 141381

Make: Derya Arms

Model: MK10

Valid as of: 2020/08/31

Page: 27369 / 101367

Summary

Make: Derya Arms
Model: MK10
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY
Serial Numbering: See Note
Legal Classification: Non-Restricted

Calibre, Shots and Barrel Length

FRN	Calibre	Shots	Barrel (mm)	Legal Classification Legal Authority	Level	Barrel Type Code
141381 - 16	12 GA X 3"	2	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141381 - 17	12 GA X 3"	5	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141381 - 11	12 GA X 3"	9	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	

Notes

Make

- "DERYA" observed marked on the upper receiver below the ejection port.
- "DERYA ARMS MK 10" observed marked on the right side of the magazine well.

Model

- "Derya MK-10" observed marked on the right side of the handguard, forward of the magazine well.
- "Derya MK-10" may be marked on the underside of the handguard.
- this semi-automatic box magazine feed shotgun's design resembles, however it is not a variant of the AR15.
- available in a wide variety of colours and finishes.

features include: ported round muzzle brake with or without crenelated end; threaded round plain barrel that may be chrome-lined, with interchangeable chokes; cylindrical handguard retention cap located beneath the barrel near the muzzle; three phillips head screws that secure the forward handguard plate located behind the handguard retention cap; ventilated aluminium handguard with integral rails for sights and accessories at top, left, right, and underside; integral full length rail for detachable AR15 style rear sights, optics, or other sights on aluminium upper receiver, right side ejection port with slot on right side for cocking handle on reciprocating bolt assembly; single forward takedown button located on the right side of the lower receiver in front of the magazine well; AR15-style controls including magazine release on right side, and bolt release and selector switch on left side; bolt 'half cock' lever on left side of upper receiver above the magazine well; trigger guard integral with magazine well and lower receiver; single trigger; removable AR15-style rubber pistol grip; usually fitted with a multi-position adjustable polymer shoulder stock; shoulder stock may or may not be side folding, and may have with or adjustable cheekpiece and rubber recoil pad.

Finish options include: black, and black with upper receiver, lower receiver, and handguard in the following colours: red; beige; desert camo; grey and white camo; and matte silver.



Manufacturer "DERYA ARMS" and "Made in Turkey" observed marked on the right side of the magazine well.
- "Derya Arms" was founded in 2000.
- "Derya Arms" is located in Konya, Turkey.

Action - gas operated.

Serial Number - serial number is marked on the right side of the receiver/frame.
- serial number of referenced examples consisted of two numbers, a dash and four numbers.
- serial number may be preceded by the following: "SERIAL NUMBER:"

Calibre - calibre identification is usually marked on the barrel.

Shots - detachable box magazine.

Cross-References

FRN	Make	Model	Manufacturer	Type	Action
194802	Derya Arms	VR60	Derya Arms	Shotgun	Semi-Automatic

Also Known As/Product Code

12 Gauge Semi-Automatic Assault Shotgun
Derya MK10
MK 10
MK-10
MK-10 Next Level
VR101
VR102
VR106
VR108
VR109

Year Dates

No Data

Importer

Advanced Tactical Imports

This is **Exhibit “K”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

**Summary**

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY
Serial Numbering: See Note
Legal Classification: Non-Restricted

Calibre, Shots and Barrel Length

Firearm Ref No.	Calibre	Shots	Barrel (mm)	Legal Classification Legal Authority	Level	Barrel Type Code
141379 - 26	12 GA X 3"	2	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 1	12 GA X 3"	4	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 2	12 GA X 3"	4	510	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 11	12 GA X 3"	5	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 12	12 GA X 3"	5	510	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 6	12 GA X 3"	7	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 7	12 GA X 3"	7	510	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 16	12 GA X 3"	9	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 17	12 GA X 3"	9	510	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 21	12 GA X 3"	19	500	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	
141379 - 22	12 GA X 3"	19	510	Non-Restricted CC 2 "firearm"	Manufacturer Specifications and Commercial Customization	

**Notes**

Make	- "DERYA ARMS LTD." observed marked on the magazine well of the lower receiver, forward of the magazine release.
Model	<ul style="list-style-type: none">- "MK-12" observed marked on the right side of the upper receiver behind the cocking handle slot.- the design of this semi-automatic box magazine feed shotgun resembles but is not a variant of the AR15.- available in a wide variety of colours and finishes.- features include: round muzzle shroud that threads over the barrel and retains the handguard; muzzle shroud may or may not be ported, and may be smooth or have helical grooves; round plain chrome-lined barrel with interchangeable chokes; ventilated round aluminium handguard with integral rails for sights and accessories at top, left, right, and underside; integral full length rail for detachable AR15 style rear sights, optics, or other sights on aluminium upper receiver, right side ejection port with slot on left and right side for ambidextrous cocking handle on reciprocating bolt assembly; bolt may be marked with the words "BufferBolt System" on right side; forward takedown pin in front of the magazine well on the lower receiver; AR15-style controls including magazine release on right side, and bolt release and selector switch on left side; trigger guard integral with magazine well and lower receiver; single trigger; removable AR15-style rubber pistol grip; rear takedown pin located on lower receiver above the grip; AR15-style castle nut and buffer tube usually fitted with a multi-position adjustable polymer shoulder stock, with or without adjustable cheek piece and rubber recoil pad.- finish options include: black; black with red barrel, bolt assembly, cocking handle, magazine floorplate, castle nut, and adjustable cheek piece; flat dark earth upper receiver, handguard, and adjustable cheek piece with black barrel, lower receiver and shoulder stock; olive drab upper receiver, handguard, and adjustable cheek piece with black barrel, lower receiver and shoulder stock; red handguard and lower receiver, with black muzzle brake, barrel, upper receiver, shoulder stock, and adjustable cheek piece.
Manufacturer	<ul style="list-style-type: none">- "DERYA ARMS LTD." above "MADE IN TURKEY" observed marked on the magazine well of the lower receiver, forward of the magazine release.- "DERYA ARMS LTD." above calibre, year of production, and "Made in TURKEY" observed marked on the left side of the barrel beneath the front of the handguard.- "Derya Arms" was founded in 2000.- "Derya Arms" is located in Konya, Turkey.
Action	- gas operated.
Serial Number	<ul style="list-style-type: none">- serial number observed marked on the upper receiver underneath the cocking handle slot.- The words "SERIAL NUMBER:" were observed marked to the left of the serial number.- Serial number may consist of a two-digit prefix followed by a dash, followed by a numeric or alpha numeric suffix.
Calibre	- "12 Ga 2 3/4" and 3" Shotshells" observed marked on the left side of the barrel beneath the front of the handguard.
Shots	- detachable box magazine

Cross-References

No Data Retrieved

Also Known As/Product Code

12 Gauge Semi-Automatic Assault Shotgun

AS-100L

AS-100M

AS-101S

AS-102S

AS-102SF

AS-103SF

AS-104S



FRT Report

webFRT v2.11

Firearm Reference No.: 141379

Date: 14/05/2020

Page: 3 / 9

MK

MK 12

MK-12

Year Dates

No Data Retrieved

Importer

No Data Retrieved



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Full View: Left Side



Image:

1 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Full View: Right Side

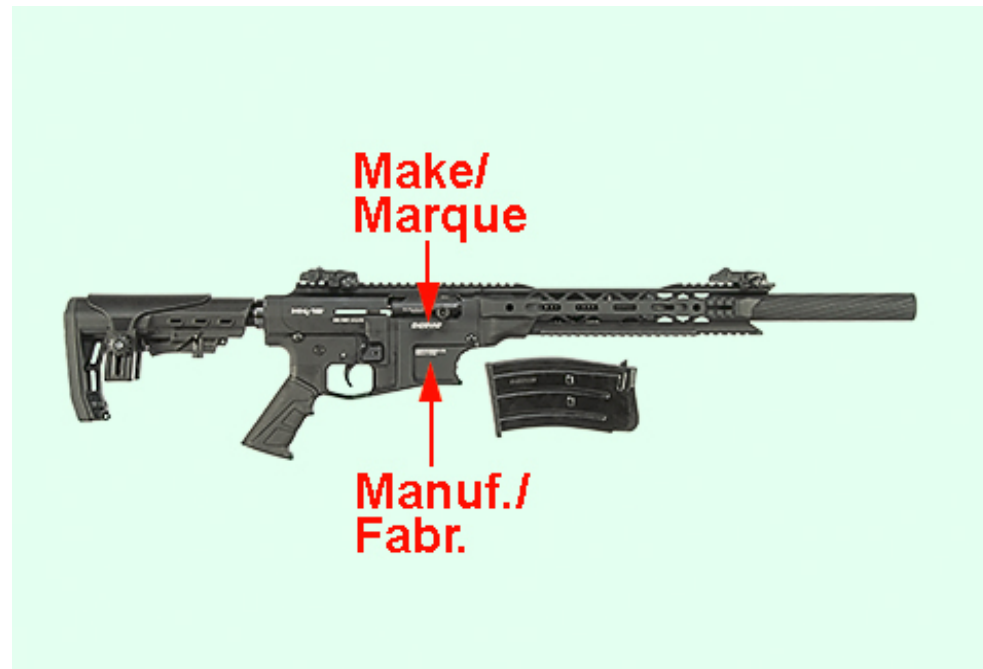


Image:

2 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #1: Left Side



Image:
3 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #2: Left Side



Image:
4 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #1: Right Side



Image:
5 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #2: Right Side



Image:
6 of 6

This is **Exhibit “L”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

**Summary**

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY
Serial Numbering: See Note
Legal Classification: Prohibited

Calibre, Shots and Barrel Length

Firearm Ref No.	Calibre	Shots	Barrel (mm)	Legal Classification Legal Authority	Level	Barrel Type Code
141379 - 26	12 GA X 3"	2	500	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 1	12 GA X 3"	4	500	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 2	12 GA X 3"	4	510	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 11	12 GA X 3"	5	500	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 12	12 GA X 3"	5	510	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 6	12 GA X 3"	7	500	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 7	12 GA X 3"	7	510	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 16	12 GA X 3"	9	500	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 17	12 GA X 3"	9	510	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 21	12 GA X 3"	19	500	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	
141379 - 22	12 GA X 3"	19	510	Prohibited PFR, Part 1, para. 87	Manufacturer Specifications and Commercial Customization	

**Notes**

Make	- "DERYA ARMS LTD." observed marked on the magazine well of the lower receiver, forward of the magazine release.
Model	<ul style="list-style-type: none">- "MK-12" observed marked on the right side of the upper receiver behind the cocking handle slot.- the design of this semi-automatic box magazine feed shotgun resembles but is not a variant of the AR15.- available in a wide variety of colours and finishes.- features include: round muzzle shroud that threads over the barrel and retains the handguard; muzzle shroud may or may not be ported, and may be smooth or have helical grooves; round plain chrome-lined barrel with interchangeable chokes; ventilated round aluminium handguard with integral rails for sights and accessories at top, left, right, and underside; integral full length rail for detachable AR15 style rear sights, optics, or other sights on aluminium upper receiver, right side ejection port with slot on left and right side for ambidextrous cocking handle on reciprocating bolt assembly; bolt may be marked with the words "BufferBolt System" on right side; forward takedown pin in front of the magazine well on the lower receiver; AR15-style controls including magazine release on right side, and bolt release and selector switch on left side; trigger guard integral with magazine well and lower receiver; single trigger; removable AR15-style rubber pistol grip; rear takedown pin located on lower receiver above the grip; AR15-style castle nut and buffer tube usually fitted with a multi-position adjustable polymer shoulder stock, with or without adjustable cheek piece and rubber recoil pad.- finish options include: black; black with red barrel, bolt assembly, cocking handle, magazine floorplate, castle nut, and adjustable cheek piece; flat dark earth upper receiver, handguard, and adjustable cheek piece with black barrel, lower receiver and shoulder stock; olive drab upper receiver, handguard, and adjustable cheek piece with black barrel, lower receiver and shoulder stock; red handguard and lower receiver, with black muzzle brake, barrel, upper receiver, shoulder stock, and adjustable cheek piece.
Manufacturer	<ul style="list-style-type: none">- "DERYA ARMS LTD." above "MADE IN TURKEY" observed marked on the magazine well of the lower receiver, forward of the magazine release.- "DERYA ARMS LTD." above calibre, year of production, and "Made in TURKEY" observed marked on the left side of the barrel beneath the front of the handguard.- "Derya Arms" was founded in 2000.- "Derya Arms" is located in Konya, Turkey.
Action	- gas operated.
Serial Number	<ul style="list-style-type: none">- serial number observed marked on the upper receiver underneath the cocking handle slot.- The words "SERIAL NUMBER:" were observed marked to the left of the serial number.- Serial number may consist of a two-digit prefix followed by a dash, followed by a numeric or alpha numeric suffix.
Calibre	- "12 Ga 2 3/4" and 3" Shotshells" observed marked on the left side of the barrel beneath the front of the handguard.
Shots	- detachable box magazine

Cross-References

No Data Retrieved

Also Known As/Product Code

12 Gauge Semi-Automatic Assault Shotgun

AS-100L

AS-100M

AS-101S

AS-102S

AS-102SF

AS-103SF

AS-104S



FRT Report

webFRT v2.11

Firearm Reference No.: 141379

Date: 16/06/2020

Page: 3 / 9

MK

MK 12

MK-12

Year Dates

No Data Retrieved

Importer

No Data Retrieved



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Full View: Left Side



Image:

1 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Full View: Right Side

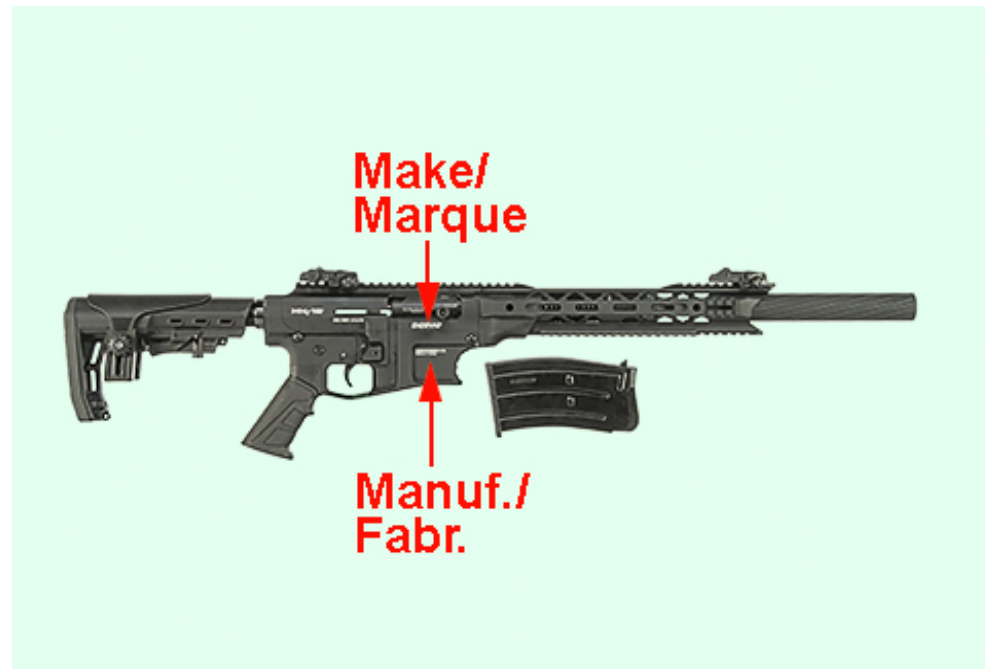


Image:

2 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #1: Left Side



Image:
3 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #2: Left Side



Image:
4 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #1: Right Side



Image:
5 of 6



Firearm Details - Image

Make: Derya Arms
Model: MK12
Manufacturer: Derya Arms
Level: Manufacturer Specifications and Commercial Customization
Type: Shotgun
Action: Semi-Automatic
Country of Manufacturer: TURKEY

Close-up #2: Right Side



Image:
6 of 6

This is **Exhibit “M”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

Side views of:

- (1) Defender/Carina
- (2) Hunter/Lion
- (3) MK10
- (4) MK12



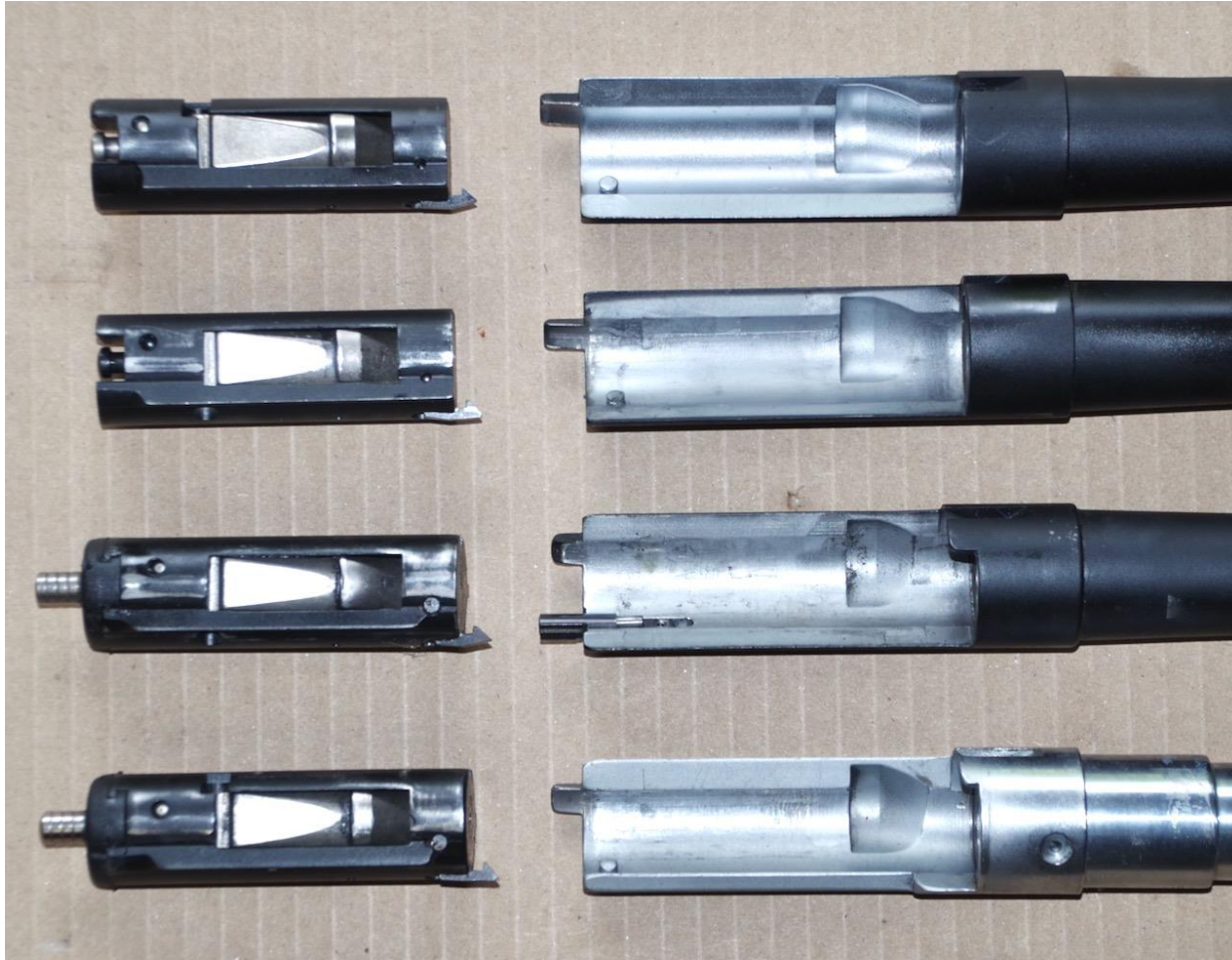
View of barrel, barrel extension, bolt and locking block assemblies of:

- (1) Defender/Carina
- (2) Hunter/Lion
- (3) MK10
- (4) MK12



Top view of bolt removed from barrel extension showing locking shoulder in the barrel extension, all are identical;

- (1) Defender/Carina
- (2) Hunter/Lion
- (3) MK10
- (4) MK12



Side view of bolt with locking block removed (all are identical) plus barrel extension

- (1) Defender/Carina
- (2) Hunter/Lion
- (3) MK10
- (4) MK12

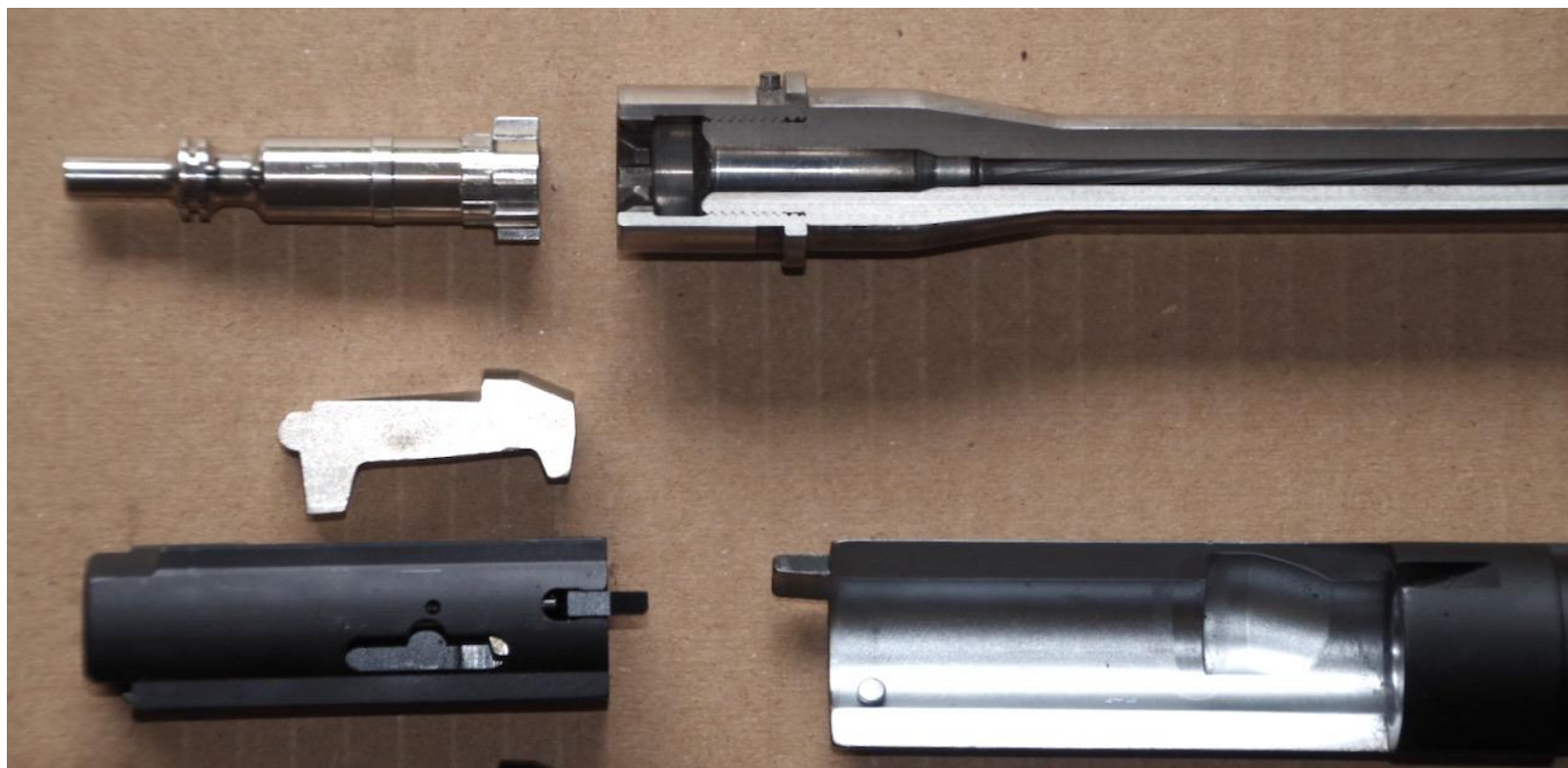


This is **Exhibit “N”** referred to in the Affidavit of Philip O’Dell,
Affirmed before me this 11th day of September, 2020.



A Commissioner for Oaths and a Notary Public in and for
the Province of Alberta

Comparative view of AR-15 bolt, barrel extension, and barrel (top) with Defender/Carina bolt (bottom), locking block, barrel extension, and barrel:



Close up of AR-15 locking system showing multi lug bolt (7 locking lugs), matching locking lugs in barrel extension, and barrel, note the AR-15 system is cut away to allow observation of the recessed parts. Note an AR-10 locking system is identical just scaled up slightly, there is no difference in the design compared to the AR-15. The Derya locking block in the picture has one lug only, shown at the top right of the part:

