



ANNEX H: ACRONYMS AND DEFINITIONS

Acronyms and Definitions	
Ancillary Items	The RDS and LED weapon light.
Barrel Muzzle	The front end of a barrel from which the projectile will exit.
Battery	The state of the pistol when the slide is fully forward.
Beavertail	A wide flat extension on the rear of the frame of a semi-auto handgun designed to prevent the web of the hand from getting caught in the slide during recoil.
Breech Face	That part of the action which is against the head of the cartridge case or shotshell when in battery.
Bright Light Condition	Emitting or reflecting a high degree of light. ie. Outdoors in full sunlight
Class 1 Event	A class 1 event comprises the following failures: To Lock Back Slide On Last Round, and Magazine Fail To Drop Upon Release.
Class 2 Event	A class 2 event comprises of the following stoppages: Fail To Feed, Fail To Go Into Battery, and Fail To Eject
Class 3 Event	A class 3 event comprises of the following stoppages: Fail To Fire/Light Strike Mechanical, and Fail To Extract/Double Feed
Class 4 Event	A class 4 event is defined as: <ol style="list-style-type: none"> 1. A pistol stoppage that is not correctable by the evaluator because it requires a higher level of maintenance; 2. A pistol stoppage that requires the use of tools and parts to repair; 3. A pistol stoppage that renders a pistol inoperable; and 4. An unintentional discharge of the pistol not related to faulty ammunition or human error.
Coarser	Having more of a rough or loose in texture or grain quality
Configured Pistol	The pistol with the RDS and LED weapon light mounted.
Corrosion Resistant Properties	That ability to protect the substrate from corrosion or prevent environmental deterioration by chemical or electro-chemical reaction.
Critical Failure	A compromise of the slide, frame, or barrel during the course of testing.
Direct Mount	Mounting or attaching a RDS directly onto the pistol slide that has been pre-cut for the RDS without using any adaptor plates.
DLC	Diamond-Like Carbon (DLC)
Duty Ammunition	Winchester SXT 147 grain
Factory Service Designation	A facility recognized and endorsed by the manufacturer to provide maintenance and repair services to the manufacturer's product in accordance with the manufacturer's specifications.
Field of View	The size of the area that can be seen while looking through an optic.
Grip Module	The grip module is the frame of the pistol. The grip module fully encloses the fire control unit and it hosts the slide, barrel, and magazine.
Hood Guard (Holster)	The guard that covers the pistol while inserted in the holster that prevents a person from applying force to the holster locking mechanisms
IPX7	A waterproof test based on standards set out by the International Organization for Standardization (ISO).
KPI	Key Performance Indicator (KPI) measures the Contractor's performance in key

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	areas that may contribute to the Contractor's ability to meet a business outcome. KPIs may be used to indicate trends that if not rectified, may cause the failure of a Critical SLR.
LED Lumens	Measure of the total amount of visible light from an LED.
Light Constant	The light is turned on and remains on when the switch is quickly depressed and released (clicking the button) and turns off in the same fashion if the light is on.
Light Momentary	The light is only turned on when the button is depressed and immediately turns off as soon as the button is released.
Locking Mechanisms (Holster)	<p>There are typically two safety mechanism of the holster:</p> <ol style="list-style-type: none"> 1. Primary Locking Mechanism - enabled when the pistol is inserted in the holster (ALS - automatic locking mechanism); and 2. Secondary Locking Mechanism - enabled by the user to cover/uncover the pistol (forward / backward movement) (SLS - self locking mechanism) <div style="text-align: center;"> <p>Shroud ALS (Inside the holster – push down mechanism to release the pistol)</p>  <p>Hood Guard</p> <p>Shroud SLS (Push back to release the cover)</p> </div>
Lockout Feature (LED weapon light)	A feature or a way to lock the tactical light in the OFF position while rendering it not being able to be turned on unintentionally.
Maintenance Kits	The manufacturer recommended parts to be replaced at 5000 round intervals.
Mechanical Failure	<p>Any failure of any part other than slide, frame, and barrel before 5 000 rounds fired.</p> <p>Fail To Fire/Light Strike Mechanical - Discharge after the trigger has been pulled. It can be one of two types: 1) a complete misfire, or 2) a delayed fire.</p> <p>Fail To Extract/Double Feed - Fired cartridge is still in the chamber of the pistol and a secondary live round is chambered.</p> <p>Fail To Go Into Battery - Failure where the breech of the action is not in proper position for firing.</p> <p>Fail To Eject/Stove Pipe - Failure to expel a cartridge or fired case from a firearm.</p> <p>Fail To Feed - Any malfunction during the feed cycle of a repeating firearm resulting in the failure of a cartridge or shell to enter the chamber completely</p> <p>Fail To Lock Back Slide On Last Round - Failure for the slide stop to engage with the slide.</p>

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	Magazine Fail To Drop Upon Release - Magazine release depressed and magazine remains in frame/ grip module.
Mechanically Locked	The action of the barrel locking to the slide when the pistol goes into battery.
Minute of Angle	A unit of measurement equivalent to 1/60th of a degree (1.047" at 100 yds).
MOA	Minute of Angle (MOA)
MOLLE	Modular Lightweight Load-carrying Equipment
Overhand Grip	Your support hand comes over top of the pistol slide, hand completely behind the ejection port, four fingers on one side of the slide, the base of the thumb on the other with the thumb pointing straight back toward your shoulder.
Parallax	A noticeable shift in reticle placement while looking through your scope at different angles.
Pistol Frame	The component which houses the trigger assembly and magazine. Traditionally this is the lower half of the pistol. However, with modular pistols which utilize a fire control module, the pistol frame will be referred to as the housing which houses the fire control module.
Pistol Package	The bundling of the pistol and ancillaries into one package for delivery which includes the service pistol and 3 magazines, Red Dot Sight (RDS), LED weapon light, general duty holster, carrying case and training pistol.
Point of Aim	The exact point in which the shooter aligns the firearm's sights (Sporting Arms and Ammunition Manufacturers' Institute (SAAMI) Glossary)
Point of Impact	The point at which the bullet hits a target (SAAMI Glossary)
Precision Measuring Instrument	The following devices will be used to conduct measurement verifications: <ol style="list-style-type: none"> 1. Mitutoyo MiSTAR 555 coordinate measuring machine; and 2. Hexagon Absolute Arm 83
RCMP Approved Locks (Carrying Case)	ABUS Lock, Laminated Steel 41, Size 30, 1¼ inch shaft (photo available).
RCMP Issue Marking Cartridges	Simunition™ FX Marking Cartridges
RCMP-UEP SP-2 2022	Standard Practice (SP) for Evaluation of Pistol Holster Retention Mechanisms
RCMP-UEP SP-3 2022	Standard Practice (SP) for Evaluation of Pistol Holster Belt Slide Attachments
RDS	Red Dot Sight (RDS)
Recoil Operated	The use of recoil energy to cycle the action, as opposed to gas operation or blowback operation using the pressure of the propellant gas.
Remote Tethered Switch (LED weapon light)	A remote on/off switch connected to the original switch via a cord/ wire.
Semi-automatic	The design of a pistol where upon firing, the pistol cycles the action and loads an unfired round of ammunition into the chamber but requires manual actuation of the trigger to discharge.

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Shooting Position, Two Handed Pistol Grip	<p>Standing in an erect position looking straight ahead with a two handed grip on the pistol, both arms fully extended with the pistol brought to eye-level.</p> 
Shroud	A shroud envelops, obscures, or conceals from view.
Slide	The top part of the pistol which contains the barrel, firing pin/striker and optic devices.
Slide Stop	A device which locks the slide to the rear after the last round of ammunition has been discharged.
Slingshot Grip	With the pistol in your workspace and rotated to allow your support hand to grasp the rearward area of the slide, firmly grasp the rear of the slide with your support hand thumb and index finger.
SLRS	Service Level Requirements Services (SLRS) are service that are agreed upon by the Contractor to meet the expected outcomes
Spare Parts	Duplicate parts to replace lost or damaged parts of a firearm.
Stoppage	A stoppage is an event during the weapon cycling process that prevents the weapon from being fired. For the purposes of this evaluation, only stoppages as a result of the weapon platform are considered; ammunition-related stoppages are not included in this definition.
Striker Fired	The use of a spring-loaded striker which directly hits the cartridge primer and fires the gun instead of relying on a hammer hitting the firing pin.
Support Hand	For a right handedness person the right hand is the “dominant” or “strong” hand and the left hand is the “support” or “weak” hand. For a left-handedness person, the left hand is “dominant” and the right is the “support” hand.
Train-the-trainer	Refers to an approach to training whereby a group of candidate trainers are provided courseware and an instruction session on how to deliver the courseware to a specific audience.
Warranty Depot	A facility authorized by the manufacturer to perform warranty part replacement, and able to bill the manufacturer for the warranty services.
Windage	The adjustment of sights to adjust the point of impact left & right.
Parallax-Free	The RDS dot remains parallel to the bore no matter the position of the shooter's eye in relation to the RDS.

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Magazine Butt Plate Lanyard Loop Attachment



User Induced Stoppage

The shooter causes the stoppage by failing to properly operate the firearm. This can include but is not limited to improper grip (ie. limp wristing - failing to firmly hold the weapon and provide resistance for the slide to function properly), shooters thumb riding too high on the slide and affecting its movement, shooters thumb riding on the slide lock and/or shooter conducting an incomplete trigger press.

Plain Clothes Holster

Low profile, low visibility, and singular retention holster.

Dust Cover

Forward part of the pistol's frame.

Zeroed

The pistol with iron sights and the pistol with RDS must shoot to point of aim within a 5.08 cm (2 inches) radius at 25 m (27.34 yards) using Winchester SXT 147 gr. duty ammunition as per section 2.11.2 of the Statement of Requirement.