

Enhancement of the USMC Benelli M1014 Combat Shotgun: Lethal and Non Lethal Rounds – U.S. Marine Corps Systems Command

(MARCORSYSCOM) Contract No: M67854-10C-1123 (17361)



2015 ARMAMENT SMALL ARMS FORUM
“Small Arms Systems in Times of Diminishing Resources”

Objective

- The USMC required the capability of having a single shotgun solution for both less lethal and lethal ammo.
- Requirements were the shotgun had to cycle both classes of munitions while not degrading the lethality of the primary use of the shotgun.
- The USMC uses the Mossberg M500A2 as their primary less lethal shotgun and the Benelli M1014 as their combat shotgun.
- The objective was to give the dismounted soldier the capability of using either a lethal or less lethal round without having to change shotguns, but rather only the shot shells

Background

- November 2009 Sources Sought for qualified respondents that could modify the M1014 to shoot and cycle both lethal and less lethal ammunition.
- Conditions:
 - No operator intervention.
 - No external devices to assist in cycling.
 - No modifications that would change the primary uses of the shotgun i.e., lethality.
 - Less lethal use must be the same, or exceed, that of the Mossberg M500A2 pump shotgun which is the current USMC 12 gauge less lethal launcher.

Background

- In 2010 MARCORSYSCOM awarded three (3) companies separate contracts for the same objective, and SRM was one of those three.
- SRM's awarded contract to modify the Benelli M1014 was based upon:
 - Past experience (SRM had previously performed same services for LE agencies)
 - Understanding of the Benelli operating system
 - Engineering expertise of the SRM's R&D team
 - Development of less lethal solutions for SRM Arms 12 gauge platform, the M1216 tactical shotgun

Contract Performance

- SRM received their notice to proceed in November 2010.
- By April of 2011 SRM had successfully completed the contract, on time and on budget.
- May 2011 MARCORSSCOM personnel attended a successful live-fire demonstration at SRM facilities.
- Of the three (3) companies awarded the contract, SRM was the only company to successfully complete the contract and provide the desired result to the MARCORSSCOM team.

Technical Data for M1014 Modification

- New Sure Cycle© action system (*standard SRM components*)
- Redesigned and refined gas pistons
- New gas seals
- New piston stops
- New firing pin
- New bolt spacer
- New polyurethane bolt buffer
- Refinements of the bolt assembly and carrier
- Enhancements to the M1014 receiver

Live-Fire Demonstration

- Video of the modifications to the M1014 provided to MARCORSSYSCOM at the end of the contract, and prior to their facility visit:

<https://youtu.be/pFYOFJMKgeg>

SRM Arms 12 Gauge Less Lethal Launcher

- SRM Arms has developed a select fire, lethal and less lethal, 12 gauge launcher.

https://youtu.be/eQx_zRGqY-w

SRM Arms Ringfire 12 Gauge Less Lethal Only Launcher

- SRM Arms has developed the Ringfire 12 Gauge Less Lethal Launcher.
- Will not fire lethal 12 gauge rounds.

<https://youtu.be/l2uqyvjj3wc>

Questions?



Thank You

GSA Direct/SRM Arms

Scott Turlington – GSA Direct

Jeff Hajjar – President, SRM Arms

208-424-3190

scott@gsadirect.com