To register, go to www.lmsdefense.com/schedule and use “Franklin BFS” as the discount code to get $50 off on a one day class or $100 off on a two day class.
Function check the Safety, Scenario II.

WARNING: 

litany of dry fire function checks. By doing so, you will not only ensure that your BFS™ is operating correctly, you will also.

In order to release the Hammer from the Backup Disconnecter, the operator has two options:

- The operator can pull the trigger slightly further rearward until the Hammer falls off of the Backup Disconnecter. An audible click will be heard as the Hammer is released by the Backup Disconnecter, and the Hammer will be held back by the Binary Disconnecter. When the operator releases the trigger, the Hammer will travel forward and impact the Firing Pin causing the weapon to fire.

The second option is that the operator may remove their finger from the trigger guard area and simply rotate the Safety Selector back to “Semi.” In doing so, an audible click will be heard as the Hammer is released by the Binary Disconnecter. At this point, the Hammer will be held back by the rearward position while the carrier is still out of battery.

MAGAZINE CHANGES WITH THE BFS™:

As required by Federal Law, the BFS™ has been engineered to prevent hammer follow. While operating in Binary Mode, and when the Trigger is pulled, the Hammer will be released to the rearward position while the magazine remains in place.

- The second option is that the operator may remove their finger from the trigger guard area and simply rotate the Safety Selector back to “Semi.” In doing so, an audible click will be heard as the Hammer is released by the Binary Disconnecter. At this point, the Hammer will be held back by the rearward position while the carrier is still out of battery. When the Trigger is released, the Hammer will travel forward and impact the Firing Pin causing the weapon to fire.

- The operator can pull the trigger slightly further rearward until the Hammer falls off of the Backup Disconnecter. An audible click will be heard as the Hammer is released by the Backup Disconnecter, and the Hammer will be held back by the Binary Disconnecter. When the operator releases the trigger, the Hammer will travel forward and impact the Firing Pin causing the weapon to fire.

WARNING: Always point the muzzle in a safe direction whether pulling, holding back, or releasing the Trigger.

MAGAZINE CHANGES WITH THE BFS™:

When the firearm is out of ammunition between a pull function and a release function, the Backup Disconnecter will retain the Hammer in the rearward position. If this should occur, options 1 or 2 above will remedy the situation.

However, we recommend that every operator should modulate the Safety Selector to Safe Mode during every magazine change. This operation will prevent the possibility of starting a new magazine with a release function.

WARNING: While changing magazines in Binary Mode, it is possible to have the Hammer retained by the Backup Disconnecter. If so, pulling the Trigger will result in the Hammer being released by the Backup Disconnecter. The Hammer would then be captured by the Binary Disconnecter. When the Trigger is then released, the Hammer will be allowed to travel forward and hit the Firing Pin! Always Point the Firearm in a Safe Direction!

Before using your BFS™ equipped firearm for the first time, and each time you use your firearm again thereafter, we recommend that each operator run through the following litany of dry fire function checks. By doing so, you will not only ensure that your BFS™ is operating correctly, you will also train your thought process on what to expect from your trigger system.

WARNING: Even though you believe your firearm is unloaded, it is always important to point your muzzle in a safe direction while performing the following tests.

1. Function check the Safety, Scenario I.

A. Ensure that the Safety Selector is on “Semi” Mode.
B. Ensure that the Hammer is un-cocked.
C. Attempt to move the Safety Selector to “Safe” Mode.
D. While it may rotate a little, the Safety Selector should not be able to go into “Safe” Mode.

2. Function check the Safety, Scenario II.

A. Ensure that the Hammer is cocked on the sear.
B. Move the Safety Selector to “Safe” Mode.
C. Pull the Trigger.
D. The Trigger should not move.
E. Move the Safety Selector back to “Semi” Mode.
F. The Hammer should not fall forward.

3. Function check the transition from “Semi” to “Safe,”

A. Ensure that the Hammer is cocked on the sear.
B. Move the Safety Selector to “Semi” Mode.
C. Pull the Trigger and keep it held back.
D. The Hammer should fall forward and impact the Firing Pin.
E. With the Trigger still held back, re-cock the Hammer on the SemiAutomatic Disconnecter.
F. While turning the selector back to “Safe” Mode, the Hammer should fail to the sear.
G. Release the Trigger.
H. The Hammer should not move.


A. Ensure that the Hammer is cocked on the sear.
B. Pull the Trigger and keep it held back.
C. The Hammer should fall forward and impact the SemiAutomatic Disconnecter.
D. With the Trigger still held back, re-cock the Hammer.
E. It should now be held back by the SemiAutomatic Disconnecter.
F. Release the Trigger
G. The Hammer should now fall to the sear and not to the Firing Pin.

5. Function check the transition from “Semi” to “Binary,” Scenario I

A. Move the Selector to “Semi” Mode.
B. Ensure that the Hammer is cocked.
C. Pull the trigger and keep it held back.
D. The Hammer should fall forward and impact the Firing Pin.
E. With the Trigger still held back, re-cock the Hammer on the SemiAutomatic Disconnecter.
F. Hold the Trigger back while turning the Safety Selector to Binary Mode.
G. The Selector should not turn all the way to Binary Mode.
H. Note: The Safety Selector should only rotate halfway between Semi Mode and Binary Mode.

6. Function check the transition from “Semi” to “Binary,” Scenario II

A. Move the Selector to “Semi” Mode.
B. Ensure that the Hammer is cocked.
C. Pull the trigger and keep it held back.
D. The Hammer should fall forward and impact the Firing Pin.
E. With the Trigger still held back, re-cock the Hammer on the SemiAutomatic Disconnecter.
F. Hold the Trigger back while turning the Safety Selector to Binary Mode.
G. Release the Trigger.
H. The Hammer should not fall off of the SemiAutomatic Disconnecter and be caught by the sear.
I. Note: The Safety Selector should only rotate halfway between Semi Mode and Binary Mode.


A. Ensure that the Hammer is cocked on the sear.
B. Move the Safety Selector to “Binary” Mode.
C. Pull the Trigger.
D. The Backup Disconnecter should release the Hammer.
E. The Binary Disconnecter should catch the Hammer.
F. An audible click should be heard
G. Release the trigger.
H. The Hammer should fall forward and hit the Firing Pin.

10. Function check interrupted release of the Backup Disconnecter.

A. Ensure that the Safety Selector is in Binary Mode.
B. Cock the Hammer and push it back until it is captured by the Backup Disconnecter.
C. Move the Safety Selector back to “Semi.”
D. The Hammer should fall off of the Backup Disconnecter and rest on the sear.

11. Function check interrupted travel from Binary Mode to Semi Mode.

A. Ensure that the Hammer is cocked on the sear.
B. Ensure that the Safety Selector is in “Binary” Mode.
C. Pull the Trigger and keep it held back.
D. The Hammer should fall forward and impact the Firing Pin.
E. Re-cock the Hammer on the Binary Disconnecter.
F. While continuing to hold the Trigger back, rotate the Safety Selector from “Binary” Mode to “Semi” Mode.
G. Release the Trigger.
H. The Hammer should fall off of the SemiAutomatic Disconnecter and rest on the sear.

This concludes the function test of the Binary Firing System™. If you have a suggestion on how to improve this testing procedure or if you have any questions, contact us at the following:

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