

*Remington*



**REMINGTON ARMS COMPANY, INC.**

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October 7, 2003

FBI Academy  
HRT Building  
Quantico, VA 22135  
Attention: Ms Theresa Powell, Contract Specialist

RE: RFP # 0026791 Sample Rifle Phase 1 Deficiencies Resolution

Coming to you for arrival before the deadline of October 9, 2003 1500 hours is our Sample Rifle serial number FBI-0003 with deficiency corrections completed. This letter addresses the corrections or comments pertaining the deficiencies spelled out in your September 23 letter.

Letter section 1;  
MAGAZINE FLOOR PLATE OPENING DURING VARIOUS STAGES OF DROP TESTS #1, 2 & 3

While the change in the drop test "drop distance" may be sufficient to eliminate the floor plate opening on impact, we have significantly increased the spring tension strength in the floor plate latch to further prevent this from happening.

WEAPON FIRING DURING THE MUZZLE IMPACT DROP TEST WITH THE SAFETY OFF AND ON THE TRIGGER GUARD WITH THE SAFETY OFF

This specification was impossible to meet and it was no surprise to any of us that all experienced failure. The FBI's willingness to decrease the drop distance from 4 feet to 2 feet, and to eliminate the SAFETY OFF condition in any orientation for this test confirms the impracticality of this test protocol. It is an engineering fact that the force generated from dropping a 15 pound weapon on the ground, much less concrete would likely cause a failure of the trigger/sear engagement to hold in the SAFETY OFF condition. This was clearly not an issue in any orientation in the SAFETY ON condition as there were no failures noted.

Because the two foot distance is less severe, and because all drops will be made with the weapon in the SAFETY ON condition, we have not made any alterations to the trigger sear engagement. Our testing indicates that the current mechanical design of the fire control can withstand this impact abuse. Furthermore, because the weapon did not discharge in the previous 4 foot drop in the SAFETY ON condition, there is no longer a deficiency with respect to our weapon as all discharges occurred in the SAFETY OFF condition.