

10-22-93  
From D.S.F.

NEAR FIRECONTROL DESIGN OBJECTIVES

- USER "FRIENDLY" DESIGN
- IMPROVED TACTILE FEEL OF THE TRIGGER
- IMPROVED TACTILE FEEL OF THE SAFETY
- CUSTOMER ABLE TO OPEN AND CLOSE BOLT WITH SAFETY "ON"
- BOLT LOCKED DOWN IN A "S" CONDITION
- CUSTOMER ADJUSTABLE TRIGGER PULL FORCE ONLY WITHIN  
PRESCRIBED LIMITS
- BOLT STOP RELEASE RELOCATED WITH IMPROVE TACTILE FEEL
- LEFT HANDED VERSION TO BE DESIGNED
- DESIGN FOR MANUFACTURABILITY PRINCIPLES UTILIZED
- DESIGN FOR ASSEMBLY PRINCIPLES UTILIZED
- "SEALED" DESIGN
- RIFLE WILL NOT FIRE IF TRIGGER PULLED AND HELD AS  
SAFETY IS MOVED FROM "S" TO "F"
- ROBUST AGAINST IMPACT
- COMPEL TRIGGER TO SUPPORT POSITION IN MOVING SAFETY  
FROM "F" TO "S"
- "NO LUBRICATION" DESIGN
- ENHANCED CORROSION RESISTANCE

10.22.93  
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NBAR FIRECONTROL DESIGN OBJECTIVES

"TACTILE FEEL - ?  
DON'T UNDERSTAND  
THE INTENTION  
HERE."

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ADDITIONAL DESIGN CRITERIA:

- TWO-POSITION SAFETY
- NOT INTERCHANGEABLE OR RETREATABLE WITH M1700
- SHOT AS PRACTICAL TO FACILITATE INTEGRAL  
POLYMER INTERNAL PROCESSING.
- ROBUST AGAINST TAMPERING
- QUIET OPERATION

COMMENT  
SOME USEFUL INFORMATION HAS BEEN  
LOST IN CONSOLIDATION TO ONE PAGE.

Bill W 10.25.93

## CONCERNS TO THE BUSINESS

- LIKELIHOOD OF SUCCESSFUL EXECUTION
- PERFORMANCE PARAMETERS
- CUSTOMER ACCEPTANCE
- TIME OF DEVELOPMENT
- COST OF DEVELOPMENT

NEXT:  
CONSENSUS ON  
FEATURES  
THEN:  
STRATEGY TO  
OBTAIN FEATURES  
WHAT  
THEN  
HOW