

10.15.93

WAW

POINT OF VIEW

ENGINEERING DESIGN

HIGH

- SHORT DIMENSIONS PARALLEL TO C/B/L
- AVOID ANY REASON TO PUT FINGER WITHIN TRIGGER GUARD EXCEPT TO INTENTIONALLY FIRE
- EASY TO UNDERSTAND - HIGHLY INTUITIVE OPERATION
- REALITY VS. PERCEPTION RECONCILED THRU ACTUAL TESTING / PERFORMANCE
- PRESERVE ADVANTAGES OF RESILIENT (CONNECTOR) FUNCTION
- DO NOT USE SEAR AS BOLT STOP OR APPLY BOLT STOP IMPACT TO ASSEMBLY
 - REDUCED LOCK TIME
- ACTUATE SAFETY WITH BOLT OPEN

MEDIUM

- QUIET OPERATION
- ENHANCED CORROSION RESISTANCE
- COMPEL TRIGGER TO SUPPORT POSITION IN MOVING SAFETY F → S
- FULL TRIGGER RETRACTION UPON PARTIAL PULL
- MEANS TO PREVENT INCORRECT ASSEMBLY / RE-ASSEMBLY OF COMPONENTS

RELEASE MECHANISMS

SPECS

HIGH • WILL MEET/EXCEED SAAMI
JATROFF SPECS

- DISCRETE, DISTINCTIVE, STABLE POSITIONS
- MOST FULL ^{RE}ENGAGE - UPON PARTIAL
TRIGGER PULL (DISENGAGEMENT)
- APPLY SAFETY TO "NO FIRE"
POSITION WITH BOLT OPEN
- DEBRIS-RESISTANT

MED • ISOLATE NON-FIRING FUNCTIONS FROM
TRIGGER AND SAFETY ACTUATION MEANS.
CONSUMER ADJUSTABLE

C MUST RETAIN SAFE SETTINGS

C LIMITS OF CONSUMER-PERMITTED
ADJUSTMENT

DRAWING A BOLT, TR. PULL

LOW

UNKNOWN

CAN WE:

APPLY THE SAFETY IMMEDIATELY
AFTER FIRING; BOLT CLOSED F.P. FORWARDED.

APPLY THE SAFETY WITH THE
BOLT OPEN. WEATHERBY VANGUARD, COLT AND H&W

SHOULD WE BLOCK:

FIRING PIN

SEAR

TRIGGER

OTHER COMPONENT

MULTIPLES OF ABOVE

PROVIDE A ~~SECOND~~ MEANS
WHENEVER IF TRIGGER IS PULLED
AND HOLD WITH SAFETY ON,
AND SAFETY IS PUSHED TO F POSITION,
RIFLE WILL NOT FIRE. (COLT-SAVER)