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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"_

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Ilion, New York April 22, 1982

TO:

C. B. WORKMAN

FROM:

T. L. CAPELETTI

SUBJECT:

BOLT ACTION RIFLE DEVELOPMENT - REPLACEMENT FOR THE MODEL 700

Based on our discussion yesterday with Marketing and PE&C personnel, the revised goals for the new generation bolt action rifle are as indicated below. Target date for introduction of this product is for the 1985 model year; announcement in November 1984. However, due to the extensive development time that may be required to finalize the design, that schedule may have to be delayed one year.

Design Goals:

- Stock Optional (Emmons' design, Straight Classic, Monte Carlo, etc.)
 - Market Research needed
 - Decision needed by March 1983!
 - Walnut
 - Recessed Sling Swivel Studs
 - Cast off and toe out
 - Skeleton Butt Plate and Grip Cap
- Receiver Integral, heavier recoil bracket -
 - Glass/Epoxy bedding
 - Flat bottom -
 - Non circular (Octagonal?) Cross-Section -
 - Integral and Standard Scope Mounts -
 - Front Lock (Triple Lug?) —
 - Reposition bolt release and change process to eliminate stamped release button
 - Short and Long Action
 - Add guide rail to bolt for smoother action -

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- _ Safety Multiple block (trigger, firing pin, sear)
 - Reposition switch (eg. Tang mount)
 - Independent bolt lock/cocking indicator
 - Improved appearance
- Fire Control Adjustable without removing action from stock (But, with limits on sear/trigger engagement)
 - Transationes and James Levis on triange
 - Investigate safe lower limits on trigger pull
 - Double set trigger?
- <u>Barrel</u> Hammer Forged/High Gloss
 - Light Weight Contour
 - Target Crown
 - Recoil reducing muzzle device Offer as optional accessory
 - Stainless steel components offered as option
- <u>Feed System</u> Rotary Feed
 - Floor Plate/Detachable Box Option (Unload without cycling bolt)
 - Smoother and more reliable than M/700 (eg. No bind follower)
- Bolt New extractor
 - New bolt handle
 - Multiple lug
 - Short throw/Easy lift
 - Jeweled
 - Reduced lock time (Lightweight firing pin/redesigned spring)

TLC:ws