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The NEW BOLT ACTION RIFLE project has undergone a mid-course correction with no estimated change in timing of design transmittal (currently to be complete by the end of the first quarter 1989). As result of the meetings between Marketing and Engineering on 4/4-4/5/88, agreement was reached on a new receiver contour, new barrel contour and a new floor plate attachment on the magazine box.

The receiver change will provide for strength equivalent to that built into the model 700. Additionally, the new receiver will be more easily manufactured at reduction in cost relative to the previously proposed design. The NEWBAR will continue to offer scope mounts and rings to take advantage of the customer perception of significant increase in value (far exceeding actual cost) as identified in the Gediman Research Group market studies of 1985 and 1986.

Changes in barrel configuration and open sight design will promote differentiation between NEWBAR and model 700. The contour changes are, of course, pending positive results of high-pressure intentional-abuse testing which will take place in April 1988.

Magazine box change involves the incorporation of a separate floor plate which will give the rifle a cleaner look by concealing any mismatch that might occur at the interfaces of box, trigger guard and stock. This will involve an additional expenditure of about \$15,000 for tooling.

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NBAR DESIGN REVISIONS (4/5/88)

RECEIVER:

- \* Round bottom
- \* Same dimensions as m/700 in lock-up region
- \* Same recoil lug as m/700
- \* Independent bolt lock
- \* No flat sides
- \* Scope mounts will attach same as with m/700
- \* Same or less weight as m/700

BARREL:

- \* Std. and magnum contours currently used by Custom Shop
  - >PENDS ABUSE TESTING
  - >fallback position is current m/700 barrel contour
- \* Crown to be like Mountain Rifle
- \* Upgrade iron sights

MAGAZINE BOX:

- \* Detachable floor plate on bottom of box
  - >conceal gaps and mismatches between box/guard/stock
  - >able to use higher grade floor plate on custom rifles
- \* 4-shot capacity in std. calibers
- \* 3-shot capacity in mag. calibers
- \* Additional box of 5-shot capacity in .308 (SWS)

BOLT:

- \* Same as originally planned-->PENDS ABUSE TESTING

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