

2/25/88

MONTHLY REPORT ITEMS - FEB. 1988
(Fred Martin and Dick Jackson)

1) M/700 MAGNUM CALIBERS WITH STD. CONTOUR BARRELS:

- * Additional intentional-abuse testing resulted in catastrophic failure of the barrels at the chamber area. This failure occurred on 3 of 3 smaller contour barrels in the .300 Win. Mag. caliber. The control rifles (3 of 3 magnum contour barrels in .300 Win. Mag. caliber) survived the same abuse with considerable plastic deformation of the barrel and receiver but without catastrophic failure.
- * The same test was conducted on six M/700 in the 7mm Rem. Mag. caliber : 3 of 3 smaller contour and 3 of 3 magnum contour all survived with sufficient plastic deformation to render them useless but without catastrophic failure.
- * Further testing has been discontinued.

2) NEW BOLT ACTION RIFLE:

- * Model shop is currently installing bedding blocks into stocks in preparation for the first phase of testing.
- * Accuracy (bedding block vs. regular wood bedding) and intentional-abuse testing will take place in March.
- * Sample magazine boxes received from vendor to be evaluated.

NEW BOLT ACTION RIFLE (continued):

- * Trigger assembly parts have been received and are in Heat Treat.
- * Testing of the new Brennan barrel technology showed no significant improvement over our current design (at the 95% confidence level). At this point, our options seem to be to test further or drop the idea entirely.
- * NEED TO BEGIN DESIGN REVIEW PROCESS YESTERDAY OR JEOPARDIZE THE NBAR PROJECT TIMING!

3) NEW .22 RIMFIRE SEMIAUTO:

- * Initial design phase continues.

4) M/700 CLASSIC .300 WEATHERBY MAG.:

- * Transmittal paperwork is ready to go.
- * Still waiting for ammo.

5) OTHER STUFF:

- * Currently working with our Legal people and metallurgical consultants with respect to M/700 trigger connector Design Change Request.