

(64)

3/28/88

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

1) NEW BOLT ACTION RIFLE:

- \* Model Shop has completed installation of RYNITE bedding blocks into stocks in preparation for shoot off between synthetic vs. current wood type bedding.
- \* Phase one testing was discontinued after four NBAR receivers failed during intentional abuse high pressure testing. All rifles were .30-06 caliber.
  - > Failure occurred at the front of the receiver with the barrels becoming completely detached.
  - > This type of failure occurred for two NBARS employing NBAR bolts and for two NBARS with m/700 bolts.
  - > Two m/700s will also be high pressure tested using NBAR bolts. This is planned for week of 28 March.
- \* Brennan barrel technology:
  - > Two Brennan rifles and two control rifles were shot in the Main Gallery's test jack using std. m/78 stocks. This was done to see if stocks with pressure pads (initial testing was done in free floated stocks) would positively influence accuracy. Results showed that all four rifles improved in accuracy with the greatest increase being in the Brennan rifles.

--> Additional testing of the same 21 rifles (seven Brennan and fourteen controls) will begin in April using the Main Gallery's test jack and standard m/78 stocks. A total of 30 five-shot groups will be shot in each rifle using three ammo. types.

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

\* No change.

3) OTHER STUFF:

- \* Still awaiting m/700 trigger connectors from vendors in order to begin heat treat experimentation.
- \* Began work with J.R.Snedeker in effort to identify problem processes in the plant and to train operations people to better control their processes. First training sessions should begin the week of April 4.