

monthly Progress Report - 4-20-81

X56- Four new model guns are complete and are in the measurement/testing/evaluation cycle. (3" magnum)

A new gas system with forward vent holes has proven to bring the bolt retraction functions in the range we are looking for.

Two (2) more guns are being ready for assembly. They will be shot guns.

X.P.6- All model drawings have been released to the model shop for fabrication. Assembly is scheduled for the first week in June.

m/7400

Research continues to work closely with Process Engineering to reduce the galling reject rate.

To measure the magazine boxes. New gauge is one for in house and one for the vendor. Some been completed.

Guns with magazine boxes adjusted to the gauge shows considerable improvement in galling performance.

Vendor has reworked his tooling to produce the magazine box to model draw.

Model 700 Bolt Lock and Fire Control

It was originally planned to provide 25 Bolt Locks for evaluation with the 25 Bolt Action Carbine being prepared for field testing in July.

With the change in marketing plans these parts will be completed, assembled and stored pending the determination of management concerning this project.

The fire control layout and details have been sent to R. E. & C. for cost estimate and manufacturing review. No results have been received.

M-7

A sample rifle has been prepared and shown to ~~management~~ management. With General approval of appearance and concept have been expressed. Drawings and parts list are being prepared. Some features offered on the M-7 have been adopted for use on the Bolt Action Carbine. This may cause a problem with completion of this project. An integral scope mount is being ~~on Bolt Action Rifle~~

~~The rifle is~~
fabricated in and should be available for review by May 11, 1981.

MODEL 4 LIMITED EDITION

IT HAS BEEN RECOMMENDED THAT THE ROSE WOOD FORE END TIP BE DROPPED IN FAVOR OF A METAL CAP ONLY CONCEPT OR A METAL CAP/BLANK SPACER CONCEPT. MARKETING HAS REQUESTED SAMPLES. NO FURTHER INFO IS AVAILABLE ON THE ALTERNATE VENDOR STATUS FOR THE ETCHED RECEIVER.

M/740 7600 RIFLES

MAGAZINE PROBLEM. THE VENDOR HAS PLACED A SAMPLING OF 500 MAGAZINE BOXES WHICH HAVE BEEN MADE TO THE MODEL DRAWING. THESE BOXES WILL BE GAGED USING THE NEW GAGE DEVELOPED BY P.E.V.C. EFFORTS ARE BEING MADE TO IMPLEMENT BOTH GAGES; 1 FOR THE VENDOR, 1 FOR THE COMPANY. IF THESE BOXES ARE SUCCESSFUL IN LIMITING MAGAZINE RELATED MALFUNCTIONS, THEN A REGULAR RUN OF 3000 MAGAZINES WILL LIKELY BE STARTED.

OTHER TESTING EFFORTS ARE CONTINUING IN AN EFFORT TO DETERMINE ANY OTHER PROBLEM AREAS.