

# RIVETLESS EXTRACTORS STATUS REPORT 3-20-80

*OK as is*  
THESE NEW CENTERFIRE EXTRACTORS IN SMALL, REGULAR AND MAGNUM SIZES WILL REPLACE THE TROUBLESOME RIVETED STYLES. PART COST WILL BE REDUCED, A NUMBER OF BOLT HEAD OPERATIONS ELIMINATED ~~AND~~ GUN RELIABILITY ~~IMPROVED~~ and ease of replacement will be improved.

REGULAR AND MAGNUM SIZES HAVE BEEN TRANSMITTED TO ~~production.~~  
~~WITH BOLT HEADS WITH EXTRACTOR ANTI-ROTATION PROJ.~~

~~ESTIM.~~ TESTING HAS NOW BEEN COMPLETED ON <sup>the</sup> SMALL SIZE ~~WITH BOLT HEADS WITHOUT ANTI-ROTATION PROJECTIONS~~ <sup>with satisfactory results.</sup>

DRAWINGS ARE BEING PREPARED FOR TRANSMITTAL.

5000 BOLT HEADS <sup>originally intended</sup> ~~intended~~ FOR M/700 7MM MAUSER WILL NOW BE USED FOR <sup>model</sup> ~~the~~ 700 7mm-08 <sup>caliber model</sup> AND ~~the~~ XP-100 7mm BR <sup>caliber</sup>.

~~ALL BOLT HEADS WITH MACHINED RIVETLESS EXTRACTOR CUTS HAVE BEEN TURNED OVER TO PRODUCTION.~~  
~~1200 REMAIN TO BE MACHINED. PLANT WILL ALSO NEED ADDITIONAL 1200 BY 4/7 FOR INCREASED PRODUCTION FORECAST.~~

ALL TOOLING TO COIN ANTI-ROTATION PROJECTIONS INTO M/788 REG., M/700 REG. L.H., M/700 MAG. AND M/700 MAG. L.H. BOLT HEADS WILL BE COMPLETED ~~BY 3/28~~ ~~in April.~~ in April.

AN ADDITIONAL 25 REG. CAL. AND 5 SMALL CAL. BOLT ASSEMBLIES ARE BEING MANUFACTURED FOR THE NEW BOLT ACTION CARBINE <sup>prototypes</sup>. THESE SHOULD BE READY BY ~~4/15~~ mid April.

AUTO DRILL LINE

STATUS REPORT 3-20-80

~~THIS AUTOMATIC MACHINING SYSTEM WILL REPLACE THE  
TROUBLESOME "VERSION" PROCESS FOR THE MANUFACTURE OF  
SHOTGUN BARREL BLANKS~~

FABRICATION OF THE SYSTEM IS NOW COMPLETE. SATISFACTORY  
RUN-OFF WAS ACHIEVED AT <sup>the</sup> VENDOR'S <sup>site</sup> ON ~~3~~ <sup>March</sup> 3. A PROBLEM  
WITH EXCESSIVE SMOKE WAS EVIDENT AND WILL BE SOLVED AT  
ILION. <sup>the</sup> SYSTEM HAS BEEN SHIPPED FROM VENDOR AND IS BEING  
INSTALLED. START-UP IS ~~ATTENDED~~ <sup>Scheduled</sup> ~~for~~ <sup>for</sup> EARLY MAY.

# INTEGRAL EJECTOR

STATUS REPORT 3-20-80

~~THIS EJECTION SURFACE COMING INTO A SHOTGUN BARREL~~  
~~WILL REPLACE THE CURRENT WELDED PIN TYPE~~ THREE (3)  
 OPERATIONS WILL BE ELIMINATED AS WELL AS THE EJECTOR  
 PIN AND RESULT IN A MORE DURABLE EJECTION SYSTEM.  
 TOOLING TO COIN EJECTION SURFACES INTO 12 GA, 16 GA.  
 AND STD. 20 GA. BARRELS HAS BEEN DEVELOPED AND TRANS-  
 MITTED TO PRODUCTION.

MARKETING REQUESTED THAT THE "BULGE" IN THE AREA OF  
 THE LT-20 EJECTOR BE REDUCED. TOOLING MODIFICATIONS  
 HAVE BEEN MADE TO SUPPORT THE OUTSIDE OF THE BARREL  
 IN THE AREA OF THE EJECTOR, THIS PRODUCED SATISFACTORY  
 RESULTS. FOUR <sup>prototype</sup> BARRELS HAVE BEEN SENT TO THE TEST  
 LAB. SO FAR EACH GUN HAS FIRED 60 RDS. BEFORE  
~~TESTING WAS STOPPED FOR HIGHER PRIORITY JOBS.~~

~~R.E.B.C. HAVE BEEN REQUESTED TO HOLD THIS ITEM FOR~~  
~~THE PRESENT.~~

12 GA. PILOT RUN, <sup>Production</sup> BARRELS SHOULD BE AVAILABLE FOR  
 TESTING BY ~~3/24/80~~ in ~~1980~~ April.

FOUR-SLIDE MACHINE  
STATUS REPORT 3-20-80

OK

THIS AUTOMATIC MANUFACTURING SYSTEM FOR IN-HOUSE PRODUCTION OF PRECISION FORMED STAMPINGS WILL ENABLE REMINGTON TO DEVELOP AN EXPERTISE IN STAMPING MANUFACTURE IN ORDER TO ELIMINATE OUR TOTAL DEPENDENCE ON COSTLY OUTSIDE SUPPLIERS. AN ADDITIONAL BENEFIT WILL BE IMPROVED QUALITY AND NEW PRODUCT LEAD TIMES.

THE APPROPRIATION REQUEST TO PURCHASE A FOUR-SLIDE MACHINE AND SUPPORT EQUIPMENT HAS BEEN SUBMITTED TO ~~BRIGGS~~ FOR APPROVAL.

March 20, 1980

MODEL 700 BOLT LOCK

Revisions to improve appearance have been made to several of the bolt lock prototypes. Assembly of the modified system will be completed the week of March 24th. It is planned that all samples will be available for review by mid-April.

MODEL 700 FIRE CONTROL

A prototype fire control has been assembled and mounted on a Model 700 action. Minimal cycling of the assembly has been done. A problem of excessive movement of the sear has been found. This movement will be eliminated by the fabrication of a new fire control housing. Completion is planned for March 27th, with assembly due April 1st.

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