

Clark 1-30-80

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AUTO DRILL LINE

~~VENDOR RUNOFF ANTICIPATED FOR EARLY FEBRUARY~~
~~WITH~~ INSTALLATION AND START-UP AT ILION IN THE FIRST
QUARTER OF 1980: March. [General Supervisor of

process development is in direct contact
with Allen preparing for vendor runoff]
If successful, we anticipate - - -

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INTEGRAL EJECTORS

LT-20 TOOLING IS BEING MODIFIED TO REDUCE THE "BULGE" IN THE AREA OF THE EJECTOR, AS REQUESTED BY MARKETING. MODIFICATIONS WILL INCLUDE A NEW CLAMP TO PREVENT DEFORMATION OF THE OUTER BARREL SURFACE, AS WELL AS A THINNER PUNCH AND A SHALLOWER DIE RECESS. THE EJECTION SURFACE WILL ALSO BE MOVED .030 AWAY FROM THE CRITICAL EDGE.

P.E & C WILL NOT PROCEED WITH THE TRANSMITTAL OF THE LT-20 BARREL UNTIL THIS PROBLEM HAS BEEN SOLVED.

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RIVETLESS EXTRACTORS

ADDITIONAL ENDURANCE TESTING OF SMALL CALIBER RIVETLESS EXTRACTORS IN BOLT HEADS WITHOUT ANTI-ROTATION PROJECTIONS IS NOW COMPLETE. FOUR (4) GUNS WERE TESTED, EACH FIRING A MINIMUM OF 1400 ROUNDS WITH NO EXTRACTION PROBLEMS. A "RUSTY CHAMBER" TEST WILL BE SCHEDULED SHORTLY.

THREE (3) XP-100 7MM BR REM. PISTOLS WITH RIVETLESS EXTRACTORS WERE FUNCTION TESTED WITH NO PROBLEMS.

THIRTY (30) BOLT ASSEMBLIES WITH RIVETLESS EXTRACTOR CUTS HAVE BEEN COMPLETED FOR THE NEW BOLT ACTION CARBINE.

M/700 AND M/788 BOLT HEAD AND BOLT ASSEMBLY DRAWINGS FOR REGULAR AND MAGNUM CALIBER RIVETLESS EXTRACTORS HAVE BEEN TRANSMITTED. ALL WILL HAVE ANTI-ROTATION PROJECTIONS.

TOOLING TO COIN ANTI-ROTATION PROJECTIONS INTO M/788 REG. CAL. AND M/700 MAG. CAL. BOLT HEADS HAS BEEN STARTED IN THE MODEL SHOP. M/700 REG. CAL. L.H. AND M/700 MAG. CAL. L.H. WILL FOLLOW.

REGULAR CALIBER RIVETLESS EXTRACTORS HAVE BEEN INSTALLED IN PILOT RUN QUANTITIES OF M/700 7MM-08 AND M/7400 RIFLES BY PRODUCTION PERSONNEL USING SPECIAL ASSEMBLY FIXTURES. NO PROBLEMS WERE ENCOUNTERED.

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FOUR SLIDE MACHINE

THE APPROPRIATION REQUEST TO PURCHASE A FOUR SLIDE MACHINE AND SUPPORT EQUIPMENT HAS BEEN SUBMITTED TO BUREAU FOR APPROVAL. R 0107809

~~THE COST SAVING ECONOMICS HAVE BEEN BASED ON BEING ABLE TO MANUFACTURE M/7400-7600 MAGAZINE. FOLLOWS ON THIS EQUIPMENT.~~

THE INVESTIGATION OF A NEW BUILDING TO HOUSE THE FOUR SLIDE, ITS SUPPORT EQUIPMENT AND FUTURE ~~APPROPRIATE~~ EQUIPMENT FOR PROCESS RESEARCH, HAS BEEN EXPANDED TO ALSO INCLUDE THE MODEL SHOP AND N.C. DEPT. THIS WILL REQUIRE A MUCH LARGER 10,000 SQ. FT. BUILDING, BUT WILL FREE UP 7,700 SQ. FT. FOR THE PLANT TO USE AS ADDITIONAL WORK HOUSE SPACE.

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SPRING FORMING MACHINE

PURCHASING ^{has} ~~HAVE~~ BEEN REQUESTED TO FURNISH MATERIAL COSTS FOR THE LARGE VARIETY OF WIRE DIAMETERS FROM WHICH REMINGTON SPRINGS ARE MADE. THIS WILL ENABLE US TO DETERMINE IF COST SAVINGS CAN BE REALIZED IF WE MANUFACTURE SOME OF OUR PRODUCTION SPRINGS ON THIS EQUIPMENT IN ORDER TO JUSTIFY ITS PURCHASE.