

REMINGTON ARMS COMPANY, INC.  
ILION, NEW YORK

CONFIDENTIAL

March 8, 1993

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FROM: K. W. SOUCY

FEBRUARY PROGRESS REPORT  
RESEARCH & DEVELOPMENT  
FIREARMS/AMMUNITION

REPORTS OF INDIVIDUAL ENGINEERS ARE ATTACHED. DISTRIBUTE TO YOUR ORGANIZATIONS AS YOU DEEM APPROPRIATE. WHILE DISTRIBUTING AND DISPOSING OF THIS REPORT, RECIPIENTS ARE REMINDED OF THE PROPRIETARY NATURE OF THE CONTENTS.

FIREARMS HIGHLIGHTS

THE PEERLESS O/U TRIAL AND PILOT RUN COMMENCED 2/28/93. TESTING IS UNDERWAY.

THE XP-100 TRIAL AND PILOT TEST HAS BEEN DELAYED DUE TO SIGHT MISALIGNMENT AND STOCK FINISH PROBLEMS.

EFFECTIVE MARCH 1st, BILL WARREN HAS BEEN INSTRUCTED TO DIRECT HIS EFFORTS AROUND BASIC RESEARCH OF RELEASE MECHANISMS TOWARD A NEW FIRE CONTROL FOR THE NBAR.

AN INITIAL COLD FORGING TEST OF THE NBAR BARREL/RECEIVER WAS MODERATELY SUCCESSFUL. A SECOND TEST WITH LARGER DIAMETER BLANKS WAS CONDUCTED AND ACHIEVED 90% FILL. FURTHER ANALYSIS SHOWED LONGITUDINAL CRACKING ON INSIDE SURFACES. WARM/HOT FORGING AND DIFFERENT MATERIAL SELECTIONS ARE BEING CONSIDERED TO ELIMINATE CRACKING.

AMMO HIGHLIGHTS

A 10,000 ROUND TRIAL & PILOT RUN OF 12 GA PREMIER COPPER SOLID WAS PRODUCED USING SABOTS FROM THE EXPERIMENTAL MOLD. 5-SHOT, 100 YARD GROUPS AVERAGED SLIGHTLY UNDER 3 INCHES. THE PRODUCTION SABOT MOLD HAS BEEN APPROVED AND AN INITIAL PRODUCTION RUN OF PRODUCT IS SCHEDULED FOR MARCH 29th.

INITIAL DESIGN OF 20 GA PREMIER COPPER SOLID IS COMPLETE. PROTOTYPICAL SLUGS AND SABOTS ARE BEING PRODUCED ON THE R&D SCREW MACHINE.

INVESTIGATION HAS BEGUN ON THE QUALITY AND CONSISTENCY OF OUR PRESENT PRIMER MIXES. SEE MARCH 2, 1992 MEMO FROM F. G. LOPATA (LAST REPORT IN YOUR PACKET).