

REMINGTON ARMS COMPANY, INC.
 SUCCESSOR TO THE REMINGTON ARMS UNION METALLIC CARTRIDGE CO., INCORPORATED.
 MANUFACTURERS OF
 FIREARMS, AMMUNITION, CUTLERY, CASH REGISTERS, ETC.

LONOKE, ARKANSAS

APRIL 30, 1993



TO: T. C. DOUGLAS
 FROM: E. I. HERRING, III *E I H*
 SUBJECT: MONTHLY REPORT - APRIL, 1993

- o The April SAAMI CF Pistol & Revolver Round Robin tests have been completed and sent to the SAAMI office.
- o A new lot of 22 Long Rifle Standard Velocity SAAMI Reference Ammunition has been made and announced to the SAAMI membership.
- o 9mm Luger 147 JHP - Olin WPR-289 ball powder has been evaluated in the 9mm Luger 147 JHP cartridge, and gives excellent velocity and pressure performance. Use of this powder will allow us to control this product with the piezo transducer system. Hot and cold tests were satisfactory.
- o Representatives from the Vihtavuori Oy Powder Company in Finland visited the plant to observe velocity and pressure testing, using the conformal piezo transducer and the calibration technique used. Shotshell transducer V&P testing was also demonstrated. They seemed to be impressed with our transducer pressure system, and have agreed to purchase one to use in testing powder lots for the Lonoke plant. During their visit, they revealed information on a proprietary high-energy rifle powder, and will submit samples in late summer. This new propellant powder has been under development for the past eight years, and will make it possible to obtain muzzle velocities 55 to 165 ft/s higher than can be obtained with conventional propellants, with no increase in chamber pressures.
- o 223 Rem 40 JHP - The 35-pound drum of Olin WC-728 ball powder has been evaluated and gave excellent velocity and pressure performance. This drum will be used for the experimental production run. Bullet lots for the EX-run and the initial 100M-round production run have been evaluated for accuracy with excellent results. Lot D100 averaged 0.77" E.S. and EX-run lot averaged 0.83" for 3/5 shot groups at 200 yards. Groups as small as 0.3" at 200 yards have been obtained. The EX-run will be made in mid-May. Two draw shells are currently coming through the production line, and should be available the first week of May.

April Progress Report
April 30, 1993

o 6.5x55 Swedish - The two UR tests barrels returned to H-S Precision for rechambering have been received, but still do not meet the CIP chamber dimensions.

Regarding the official name of this cartridge, it now appears that 6.5x55 Swedish will be the full name, and 6.5x55 will be the abbreviated name.

o SAAMI Reference Ammunition for the 6.5x55 and 7x64 Brenneke has been ordered from Federal Cartridge Company. Federal has submitted V&P data only for the copper crusher test method.

o Instruction letters for the PR12RS and SP12Mag-RS have been drafted and distributed.

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It pays...**