

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

REMINGTON ARMS COMPANY, INC.
 LONOKE, ARKANSAS



APRIL 2, 1993

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

o 223 Rem 40 JHP - A 35-pound drum of WC-728 powder was received on 3/31/93 and will be evaluated in handloading. If the V&P of this lot is satisfactory, an experimental run of 10,000 rounds will be made in April. The 10,000 round lot of Sierra bullets has been received. Olin has 950 pounds of this lot in inventory at St. Marks, Florida, and is holding it for Remington.

o The March SAAMI Round Robin tests for rimfire and shotshell have been completed, and the results mailed to the SAAMI office.

o SCOT 700 powder - SCOT Powder Company submitted a sample of their SCOT 700 powder for our evaluation in the GL-12 promotional shotshell. This is a porous grain powder containing 22% nitroglycerin with a burning rate similar to IMR 700-X powder. Listed below are the velocity and pressure test results: Spec 1210 fps velocity; 9500-11500 psi pressure.

Load	Chg.Wt.	RT		+150 F		-20 F	
		Vel.	Press.	Vel.	Press.	Vel.	Press.
GL 12-8	19.0	1294	9600	1296	10000	1168	7500

o Travel - Attended SAAMI Pressure Measurement Sub-Committee meeting in Tallahassee, Florida, on March 23. While in Florida, I visited the Olin Ball Powder plant in St. Marks for a demonstration of the Olin In-Case Compaction Technology.

o George Wilson III from Wilson Arms Company in Branford, Conn., visited the plant on 3/16/93. Wilson Arms has supplied Universal Receiver test barrels to Remington in the past, and would like to reestablish themselves as a test barrel source.

o Status Report 6.5x55 Swedish Mauser - At the recent SAAMI meeting, Federal indicated they are proposing the CIP cartridge and chamber dimensions for the SAAMI for inclusion in the manual. Ruger has indicated that they plan to use the CIP dimensions also. The proposed drawings have been submitted to all SAAMI members for review. Remington has proposed the following changes:

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1. The abbreviated name be changed to 6.5x55 Swedish.
2. The Min overall cartridge length be reduced from 3.000" to 2.750".
3. The Max radius (r2) at the neck shoulder junction of the cartridge be increased to .146".

Two UR test barrels have been returned to H-S Precision to be rechambered to the CIP chamber.

o New Concept Shotgun - An experimental load was developed using 63 #BB steel pellets and loaded to a velocity of 2100 ft/s with a pressure of 18800 psi. This payload contains the same number of pellets as the SP12-BB lead shotshell and has the same downrange energy at 40 yards. Pattern performance was poor averaging only 52% in a 30" circle at 40 yards.

o 7x64 Brenneke - A UR test barrel has been drilled and tapped for a conformal transducer and is ready for testing.