

REMINGTON ARMS COMPANY, INC.
SUCCESSOR TO THE REMINGTON ARMS UNION METALLIC CARTRIDGE CO., INCORPORATED.
MANUFACTURERS OF

FIREARMS, AMMUNITION, CUTLERY, CASH REGISTERS, ETC.

LONOKE, ARKANSAS

JUNE 30, 1993



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

- o 223 Rem 40 JHP - The Trial & Pilot production run was successfully made this month. Velocity and pressure performance was very good. Accuracy performance was excellent, averaging 0.6" and 0.7" Extreme Spread for 3/5 shot groups at 200 yards. Accuracy spec for this cartridge is 1.5" E.S. Technical Data Transfer meeting was held on June 10.
- o Instruction letters were issued for 223 Rem 40 JHP and 7x64 Brenneke 140 PSP and 175 PSPCL cartridges.
- o 6.5x55 Swedish - The draft copies of the SAAMI cartridge and chamber drawing and velocity & pressure test barrel drawing have been sent out to the Technical Committee members for approval. Approval is assumed unless response is received in the SAAMI office by July 9, 1993. At Remington's request, the minimum cartridge length has already been reduced to 2.750 inches. The CIP twist rate of 8.661 inches R.H. is specified on the drawing, but it is the firearms manufacturer's prerogative to determine the twist rate used in their barrels.
- o Travel - Attended SAAMI Technical Committee meetings in Alton, Illinois. The only new products announced at the meeting was the 9x18 Makarov by CCI/Blount.
- o CBC Magnum Rifle Powder - the CBC 127 powder sample was evaluated in the 300 Weatherby 180 PSPCL cartridge and was again found to be too slow. All test data has been transmitted to CBC with a request to reduce the coating level to increase the burn rate. CBC reported that they use DNT (Dinitrotoluene) for the surface treatment of this powder. They are currently preparing another sample for our evaluation. CBC could prove to be an important source of economical rifle powders whenever they develop the powder speeds we require.
- o High Energy Rifle Powders - There has been no activity with the Olin In-Case Compaction Technology. We are still waiting for the confidentiality agreement from Olin.

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- o High Energy Rifle Powders Cont'd - A sample of the Vihtavuori high energy rifle powder is expected in mid-August.
- o Proof Loads - 6.5x55 Swedish and 7x64 Brenneke - Federal Cartridge Company has advised us that proof loads for these cartridges should be available the last week of July.
- o Lead-Free Buckshot for Law Enforcement - Daisy is looking into making zinc buckshot for Remington. They have already made .15 inch diameter zinc shot for Winchester. Requested that Daisy keep our interest in zinc buckshot confidential.