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RD-44-B

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

Ilion, New York
December 6, 1978

TO: J.W. BROOKS

FROM: J.A. STEKL *JAS*

SUBJECT: 7 mm M.S. CALIBER XP-100 METALLIC SILHOUETTE HANDGUN

A prototype Model XP-100 Handgun, chambered for the 7 mm M.S. Cartridge (the Remington bench rest cartridge with neck expanded to accept a 7 mm bullet), has been assembled, tested and fired in competition.

The prototype gun, which uses a M/XP-100 Receiver, is fitted with a M/600 .308 head-size bolt, a Western Gunstock Mfg. Co. wood, thumbhole stock and a 12" long barrel that was re-contoured from a M/700, 7 mm Rem. Mag. barrel blank. The front receiver ring was drilled and tapped to accommodate a Williams rear, click-adjustable, receiver-mounted target sight. The front sight is a Lyman 17A globe sight mounted on a modified M/700 ramp.

Accuracy achieved with the gun has been exceptional. Several 5-shot groups of less than 1" have been fired from sandbag rest at 100 yards, using a Leupold 2x long eye-relief scope (see copy of groups attached). The load used is 28.8 grams of Hodgdon's H-322 powder with Sierra 120 grain spitzer bullets.

Muzzle Velocities in the 2100-2300 feet per second range have been attained using 120-140 grain bullets. The resulting energy is sufficient to consistently topple the 40 pound rain target at 200 meters, even with low hits.

The gun was fired in competition earlier this month at Salern, New Hampshire; producing a win in the unclassified-unlimited category. Many shooters present at the match expressed interest in the gun-cartridge combination and inquired as to the possibility of Remington offering it in the near future. It was suggested however that a longer, possibly 14" barrel be used in place of the 12" barrel to provide a longer sighting radius (and be less harmful to the shooters pant-leg).

To: J.W. Brooks

December 6, 1978

From: J.A. Stekl

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Subject: 7 mm M.S. Caliber XP-100 METALLIC SILHOUETTE HANDGUN

It was learned that a M/XP-100 of this caliber and configuration might well be acceptable for production class competition, if found to meet all production class criteria by the Board of Directors of the International Handgun Metallic Silhouette Association (I.H.M.S.A.). Apparently, the Association has found it necessary to relax some of the equipment rules since the calibers presently available in commercially produced handguns leave much to be desired from the standpoint of metallic silhouette shooting.

JAS:js

Illion Research Division