

Design Status

Research has abandoned the rotary box magazine for caliber 30-30 due to space limitations. Their development is now based on a single column detachable box magazine with cartridges staggered one rim ahead of the other. This design may not be as different from the design for a rimless cartridge as previously thought. Room to detach the magazine without hinging the trigger guard may be available by removing the lower locking lug and moving the box magazine forward to occupy part of the space of the lower locking lug support. One locking lug may provide sufficient strength with the lower bolt head force and closer head space control of caliber 30-30.

CALIBER 6MM REMINGTON

Function testing of .243 Winchester (equivalent to 6MM) in Model 742 rifles has been satisfactory. Only acceptable accuracy is needed to announce this caliber in the Models 742, 750 and 700.

Research reported preliminary tests at Bridgeport indicate an 8" twist provides satisfactory accuracy for bullet weights between 75 and 110 grains. The accuracy of heavier 105 and 110 grain bullets with a 10" twist is not acceptable. Ilion Research is making a quantity of 8" twist barrels to confirm Bridgeport's results.

Sales questioned the integrity of classing the 6MM as a Magnum. Research agreed and Sales stated that the designation will be 6MM Remington.

RIM FIRE RIFLESRIM FIRE RIFLE SIGHTS

Research stated that the present Patridge-type sight on the Nylon line was designed in response to Trade requests as the best means of eliminating elevation and canting errors. They reviewed the new sights on the XP-100 pistol and Model 600 rifle that are intended for low cost volume production and could be used across the rim fire and low cost center fire line.

The Chairman asked the Sales Department to establish the sight specifications they feel are needed, and to recommend, with Research, a course of action to the Committee.

MODEL 40 X TARGET RIFLE

The prototype improved Model 40X is delayed by model making for the