

weight bullet could be put at a disadvantage by competition loading a modified caliber 257 Roberts to produce a 117 grain bullet with muzzle velocity of 3000 feet per second.

MODEL 742 AUTOLOADING RIFLE - CALIBER 243 WINCHESTER

The Production Department reported that three problems must be overcome to successfully produce caliber 243 Winchester in the Model 742 rifle. The problems are: poor cartridge feeding; low power to assure satisfactory functioning; and poor accuracy. Results to date do not meet the Sales objectives and testing has not yet indicated when these objectives will be attained. Work is being continued.

The Chairman questioned the economics of providing this additional caliber in the Model 742. Economics have not been determined pending test results indicating the extent of new tooling. The Chairman requested that the economics be high spotted as closely as present information permits for the next meeting. 83

Research and Development reported that accuracy problems are being encountered with 100 grain caliber 243 Winchester in Model 700 rifles. As a result, it has been necessary to qualify these rifles using 80 grain bullet weight ammunition.

The Production Department suggested to Sales that in view of the problems being encountered with caliber 243 Winchester and in the interest of simplifying the gun line that they consider introducing the new caliber 6 MM Remington in the Model 742 rather than adapting it to caliber 243 Winchester. The 6 MM (.244) is essentially the same caliber as .243. If it meets the acceptance of the new 7 MM Remington, it will give a marketing advantage to the Model 742 where it is needed more than in the Model 700 whose sales to date indicate that it has sufficient sales features. Volume for volume, added sales of Model 742 will result in higher earnings due to higher profit margin.

The Sales Department agreed to consider this suggestion.

XC-6 AUTOLOADING RIFLE  
XC-7 LEVER ACTION RIFLE  
XC-8 SLIDE ACTION RIFLE

The Research and Development Department reported the need to discuss appearance features of these models with the Sales Department to resolve questions on styling. They also reported that the problem of a detachable rotary box magazine to improve the cartridge feeding appears to be in hand.

The Chairman questioned the development objectives of this family of rifles. Research stated that they are intended to replace the Model 742 and 760 rifles. They will incorporate improved cartridge