

c. 222 Remington

In accordance with the request from Sales, Research and Development has investigated this matter, and reports that a gun can be made available in 222 Remington and that anticipated accuracy will be as good as that of the Model 722. No detailed cost estimates have been made, but it is expected that the cost of the rifles will be somewhat more than for the 244 Remington. The 244 Remington is estimated to cost 21 cents more than the 30/06.

Sales will prepare a forecast, and N. F. Larsen will prepare the usual economic evaluation.

RIM FIRE RIFLES

1. MODEL 40-X

The original intent of the match gun-ammunition program was to provide a combination which would be unsurpassed in performance. Both gun and ammunition designs were tailored to this requirement. However, it was found that the ammunition did not perform satisfactorily in competitive guns, and, in spite of our desire for superior performance in the Remington combination, the ammunition was modified to improve its performance in other guns commonly met in the field. The result of these changes was superior performance with the new ammunition in Winchester and Johnson barrels, but performance in the 40-X rifle suffered.

At the present time, competitive ammunition frequently performs better in the 40-X rifle than does our own, and our ammunition frequently performs better in competitive rifles than it does in the 40-X. J. J. O'Connor has suggested relatively minor changes which could be made in the 40-X rifle which should improve performance with the present version of Remington match ammunition. Even Research and Development has estimated that the cost of introducing these changes might be approximately \$3,000.

It is the opinion of Sales that, although this is not an item which shows a profit, we must improve performance of our ammunition in our own guns, even though this involves additional expense. The committee concurred, and suggested that Research and Development investigate the proposed changes, and, if they are as beneficial as is expected, prepare a program for their introduction.