

It is still planned to announce shotgun extra barrels with rifle sights on January 1, 1959 for catalogs and price lists. The Research & Development Department will go ahead with necessary design and engineering work. Some testing is required because the addition of sights will change the dynamics of the gun slightly.

C-1 - Slide Action Carbine - Model 760

This rifle design is still only "on paper". Major problems concern the magazine and the feeding of rimmed cartridges. Research & Development believes a report can be made at the next meeting on feasibility of a design for the 30/30.

C-2 - Colored Metal and Light Wood -
Models 722, 725 and 760 - Caliber 222

In the last several months investigation has been made of several processes for coloring steel. Most of the processes are complicated involving second steps for operations.

One process shows promise. It involves a skin conversion into an oxide-combination with zinc. Dye then colors the zinc. This process lends itself to numerous colors. Research & Development is not satisfied with the surface resistance to abrasion. An additional investigation is being made of auxiliary coatings for the colored steel surface. An organic coating which is resistant to acids and alkalis looks good. If it proves to be satisfactory and permits retention of a metallic appearance, the process could be extended to the Nylon 66 steel receiver cover and to shotguns, etc. It is planned to have samples of the Nylon 66 with colored steel surfaces for the next meeting.

Meeting adjourned - 12:15 P.M.

C. A. Nash

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Secretary, Operations Committee
Arms Division

CAN/MK
Att. -