

CENTER FIRE RIFLES - contd.MODEL 742 AUTOLOADING CENTER FIRE RIFLE

Production reported that the area has been cleared for the Teflon plating. Part of the equipment has been received. It is believed that the installation can be completed in March for tryout. Production will probably start in April.

R & D reviewed the Universal Carbine Rifle which is Teflon plated. In a functioning part, the Teflon had chipped. The discussion brought out that any exposed metal will rust if not protected. The coating used in the Universal rifle is decorative and colors can be used but the surface is dull. This is because Teflon is applied over a blast surface.

Marketing would consider Teflon plating riot shotgun parts only if the finish would be better than Parco Lubrite. While experimental larger components such as the Barrel and Receiver could be processed in the Teflon plate area being set up, the equipment was designed to handle only smaller parts. R & D has only considered the use of Teflon for part protection. The opinion was expressed that due to the thin Teflon plate, approximately .3 mils, this application probably is not feasible.

The Teflon plating of the Model 742 parts was to improve initial gun functioning, and on a savings basis to reduce initial rifle rejects at test. When the equipment is installed, the Plant plans to perform experimental work of plating functioning components on other guns to determine if any significant improvements can be realized.

Marketing is considering attaching a "fact" tag to Model 742 rifles having the Teflon coating. In 1970, the benefits of the Teflon plating would be included in the advertising and other promotional material. The program should be carefully reviewed since customers may expect similar benefits in other Remington guns. While experimental work is planned, there is no certainty that significant improvements can be accomplished or justified by Teflon plating parts of other rifles or shotguns.