

The Sales Department has been concerned about breech sparks and the possibility of injury to the shooter. They fired a test in a darkened range, and judged the sparks to be much more visible than from a Model 550.

Hameister presented a series of photographs summarizing extensive tests with the Model 550, Model 552, and a series of competitive guns. He concluded from these tests that the sparks were considerably more visible from the Model 552 than from the other guns, primarily because the sparking particles are bounced back and forth between the receiver and the deflector. Hence, they remain in a restricted area where they are easily visible. However, the design of the receiver port and the presence of the deflector keep the particles from returning in the direction of the shooter, whereas with competitive guns having no deflector many of the sparks fly rearward directly at the face of the shooter. He judged, therefore, that, while the sparks might be more apparent with our gun, it was actually safer than the competitive guns tested.

MODEL 555

The project for continuation of this work will probably be submitted to the Board in March. Sufficient funds remain to permit continuation of the work until that time. The revised scope of the work represents a more cautious and limited approach, and will delay the time at which the gun might be available for introduction by a period as yet indeterminate.

MISCELLANEOUS

DU PONT OVAL

The Sales Department will accept responsibility for obtaining approvals for the use of the Du Pont oval whenever occasion to use it on a product may arise.

Philip H. Burdett
Philip H. Burdett
Secretary, Operations Committee

PHB:ND
2/21/57

Attachments-6