

SHOTGUNSMODEL 1100 GAS SYSTEM RUST PREVENTION

Research is currently investigating methods for improving corrosion resistance of Model 1100 Pistons and Piston Seals. Electroless Nickel plating of the parts yielded good results in both shooting and salt spray tests conducted last year. At that time, however the cost was considered excessive. Recent quotes from other plating vendors indicate the cost can be reduced significantly. Research is obtaining samples from these vendors for test.

Production reported that the economics presented at last January's meeting were based on plating costs of 60¢ to 80¢ per gun, depending on volume, as quoted by American Electroplating. Corresponding factory costs at that time ranged from 87¢ to \$1.23 per gun.

Recent quotations from other plating vendors ranged from 10¢ per gun, in quantities compatible with current total M/1100 volume. Production is currently updating economics based on these new quotations.

The Chairman asked whether dimensional problems are anticipated with plated parts. Research responded that part dimensions would be modified where necessary to compensate for plating thickness.

21mm SEISMIC GUN

Research reported that MAPCO has the original 15 guns and 6 of the additional 25 guns requested. The remaining guns are being assembled and tested, and will be shipped as they are completed. Six guns are scheduled for shipment October 17. Field repair kits are also being assembled, with eleven of these ready for immediate shipment and the remainder to follow by November 1, 1980.

Two of the original 15 guns have been returned for service, one due to ejection difficulty, and one due to damage from a blanked primer. Both were repaired and returned to MAPCO.

At a five-gun firing test conducted by Seismograph Service in Wellsville, New York, a Remington engineer introduced the 50-OHM Resistor. These guns are now in production firing. Three of them are using the 50-OHM Resistor instead of a cap booster, and are yielding almost perfect results.

Marketing noted that a user manual has been prepared and is now in review. It appears to be a good piece of work.