

SHOTGUNS - contd.MODEL 3200 SHOTGUN - contd.

Production reported on the Barrel Assembly interchangeability study that has been made concerning introduction of the small gauge Barrel sets for the 12 gauge gun - Exhibit 1. In summary, it is believed that the objective of Barrel Assembly interchangeability within a gun can be achieved with a small custom line and high skill employees.

Production reported that present plans call for One of 1000 serial numbers T 1 through T 100 to be gold. Marketing believes that all 1000 serial numbers should be gold. A Management decision is required if present plans are to be changed. (An earlier decision deleted gold from the serial number. Guns produced to date have no gold in the serial number. Significant rework costs will be incurred if all these guns are to have gold serial numbers.)

Marketing showed two guns which had been fired about 4,000 rounds each. Color had worn off significant areas of the Frame, Fore-end Iron, Trigger Guard and Top Lock Lever of these guns. Concern over the possible scope of this problem was emphasized.

Production indicated there has been no change in the coloring process. A program to try to improve the finish durability has been initiated. Metal finish, composition and coloring process controls will be studied. A skeet gun owned by an Ilion employee showed some color worn off the Trigger Guard and Top Lock Lever after firing 6900 rounds. (These two components are investment castings.)

R & D suggested it may be necessary to use a different coloring process, such as cyanide black, for the Trigger Guard and Top Lock Lever or spray Micobond finish over the black oxide. Trigger Guards on current shotguns are anodized aluminum and have a shape that is less susceptible to wear of the finish. When black oxide replaced the browning coloring process, it was shown that a high gloss finish provided the best corrosion-erosion resistance.

Marketing has had reports of the Loop coming loose from the Barrel.