SHOTGUNS - contd.

IRON SHOT PROGRAM - contd.

two parameters that are important in choke performance. There is no information as to why the choke produced does not match the model drawing. It is expected that if the slight taper as shown on the model drawing is to be produced, there will be significantly less reamer life and poorer surface finish in the choke section.

Since only two Barrels have been tested, additional tests are to be made to determine the effect of choke angle on bulging with iron shot. Also tests are to be made with lead shot to determine the effect of the choke angle on shot pattern. This work is to be done by R & D.

Barrels previously sent to Bridgeport with hardened chokes have not been tested.

Production recommends that the model drawing be changed to represent the present practice for production of choke angles. Also that heat treated Barrels should be tested. The problem of choke bulging is most severe on the thin wall Barrel of the Model 3200 shotgun. If the model drawing choke provides Barrels less susceptible to bulging, the 3200 Barrels could be produced with this taper.

MODEL 1100, 410 GAUGE 3" CHAMBER SHOTGUN

Production reported that Model 1100, 410 gauge shotguns using the revised Action Bar Assembly have a ½% malfunction rate which is comparable to the Research prototype tests. It is recommended that reporting be dropped.

Committee Action:

The Operations Committee agreed to drop reporting on Model 1100, 410 gauge shotguns.