

SHOTGUNS - contd.MODEL 1100 AUTOLOADING SHOTGUN - IMPROVEMENTS - contd.. Operating Handle Detent - contd.

in the dovetail slot, and is interchangeable with the present design. This is in the development stage and is planned to be completed for test with the new Action Bars.

. Interceptor Latch

A new design Interceptor Latch has been detailed and made. This design has a skirt to protect the spring from being forced out of position. It was discussed with the vendor and can be made this way. There will be an added machine operation to the part to produce the skirt. A sample was shown. Effectiveness of the design will be tested and justification determined.

. Links

Links break about half way down legs which is believed due to unequal leg length. The vendor cannot correct this condition. An additional operation at Ilion is proposed to make legs equal after heat treat.

It is believed that the end tip configuration can be changed to prevent breakage in this area.

. Fails to Blow Back

Sampling of standard guns in the gallery indicated too high an incidence of low power. It was found that the angle of the piston could be changed to insure a seal throughout the range of tolerances on the parts. A design change has been issued.

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