

DATE

9-13-44

SUBJECT OF EXPT.

Fire control characteristics

$$\begin{array}{r} 1.046 \\ .315 \\ \hline 1.361 \end{array}$$
 min diam and trip

$$\begin{array}{r} 1.241 \\ .521 \\ \hline 1.762 \end{array}$$
 max diam trip hole to Rec &

$$\begin{array}{r} 1.762 \\ 1.361 \\ \hline .401 \end{array}$$

$$\begin{array}{r} .430 \\ .401 \\ \hline .029 \end{array}$$
 min dist engagement

$$\begin{array}{r} 1.048 \\ .335 \\ \hline 1.383 \end{array}$$

$$\begin{array}{r} 1.239 \\ .519 \\ \hline 1.758 \end{array}$$
 min diam trip hole to Rec &

$$\begin{array}{r} 1.758 \\ 1.383 \\ \hline .375 \end{array}$$

$$\begin{array}{r} .435 \\ .375 \\ \hline .050 \end{array}$$
 max seal engagement

$\begin{array}{r} .521 \\ .060 \\ \hline .581 \end{array}$	$\begin{array}{r} .435 \\ .050 \\ \hline .385 \end{array}$	$\begin{array}{r} .585 \\ .335 \\ \hline .250 \end{array}$	$\begin{array}{r} .720 \\ .078 \\ \hline .798 \end{array}$	$\begin{array}{r} .798 \\ .195 \\ \hline .603 \end{array}$
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.581 max diam. Rec & to bottom of Bolt stop pin

.603 min diam. Rec & to seal contact on bolt stop pin

Dist. .022 min clearance

$\begin{array}{r} .391 \\ .195 \\ \hline .586 \end{array}$	$\begin{array}{r} .586 \\ .160 \\ \hline .746 \end{array}$	$\begin{array}{r} .649 \\ .646 \\ \hline .003 \end{array}$
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min clearance between
seal & Bolt stop pin with
safety on.

EXPERIMENTER

DATE

WITNESS

DATE