52

DATE 10-18-45

SUBJECT OF EXP'T. COCKING & TOL. CHECK.

Sear Pin Hole from Lug = 3.991 MAX ①
" " " to sear Point = 1.3036 MAX ②

LUG SEAT TO POINT OF SEAR 5.2946 MAX

MAX LUG TO BOLT HANDLE = 4.380

MIN LUG TO COCKING PIECE POINT:

.309	③	BOLT HEAD
4.505	④	BOLT BODY
4.814		
− .035	⑤	CAM SEAT
4.779		
.550	⑥	CAM POINT to shoulder
5.329		
− .145	⑦	shoulder to Notch
5.184		
− 4.380	⑧	
.804		MIN BOLT HANDLE TO COCKING
4.365	④	MIN LUG TO BOLT HANDLE SEAT
.150	⑨	MIN PRIM EXT.
5.269		MIN LUG TO NOTCH BOLT OPEN

+.030 for camming into notch in bolt

giving .029 MIN OVER TRAVEL

if PRIMARY EXTRACTION CAM IS O.K.

MAX Pist sear Pin Hole to Point of sear = 2

TAN 27°: .5095 = x / .140

x^{mm} = .0714
x^{mm} = .0765

COS 27° = .891 = Adj / Hyp

Y^{mm} = 1.375
Y^{mm} = .369

1.375 − .0714 = 2^{mm}
.0714
1.3036

1.369 − .0765 = 2^{mm}
.0765
1.2925
1.3036
.0111
1.298

TAN 27° = .0714 / x = .5095

x = .0138

EXPERIMENTER DATE
WITNESS DATE