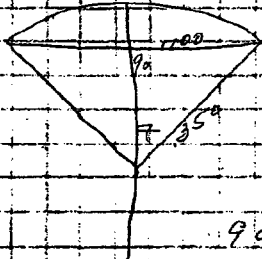


DATE

10-18-45

SUBJECT OF EXPT.

PRIMARY EXTRACTION CHECK



$$\sin \alpha = \frac{100}{350} = 2855$$

$$\alpha = 16^{\circ} 35'$$

$$\begin{array}{r} 90^{\circ} \\ 24^{\circ} \\ \hline 66 \end{array} \quad \begin{array}{r} 45^{\circ} \\ 5^{\circ} \\ 16^{\circ} 35' \\ \hline 66 \end{array}$$

$$3x = 5/4000$$

$$\begin{array}{lcl} \text{Sear Lin hole from Rec Lug} & = & 3.970 \pm 1 \\ \text{Sear Lin hole to sear notch} & = & 1.298 \pm 5/6 \\ & & 5.268 \pm 6/6 \end{array}$$

$$\begin{array}{lcl} \text{Bolt Head} & = & .312 \pm 3 \\ \text{Bolt Body} & = & 4.5075 \pm 2.5 \\ & & 4.8195 \pm 5.5 \\ \text{Cam Seat} & = & .0275 \pm 2.5 \\ & & 4.7870 \pm 8.0 \\ \text{Cam point to shoulder} & = & .555 \pm 5.0 \\ \text{shoulder to notch} & = & 5.3420 \pm 13.0 \\ & & 5.1125 \pm 2.5 \\ & & 5.1995 \pm 15.5 \end{array}$$

$$\text{Lug to Bolt handle} = 4.3775 \pm 2.5$$

$$\begin{array}{lcl} \text{Rec shoulder to Ex cam} & = & 4.3675 \pm 2.5 \\ \text{Cam} & = & .0275 \pm 2.5 \\ & & 4.4700 \pm 5 \end{array}$$

$$\begin{array}{rcl} 5.268 \pm 6/6 & 822 \pm 18 & 5.1995 \pm 15.5 \\ 4.470 \pm 5.0 & 798 \pm 11.6 & 4.5775 \pm 2.5 \\ 798 \pm 11.6 & 1024 \pm 29.1 & 5.8000 \pm 18.1 \end{array}$$

$$\sqrt{2} \pm 10.2$$

EXPERIMENTER

DATE

WITNESS

DATE