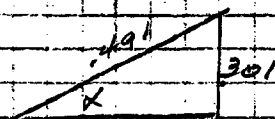


DATE 1-3-48

SUBJECT OF EXPT.

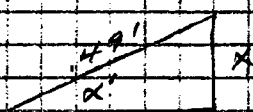
new location of Safety Retent ~~Half in~~
Housing



$$\sin \alpha = \frac{301}{491} = .613 \quad \alpha = 37^{\circ}-48'$$

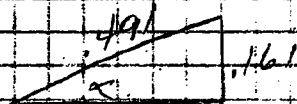
Adding 5° to α

$$\alpha' = 42^{\circ}-48'$$



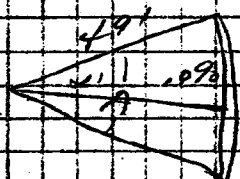
$$\sin \alpha' = .6794 = \frac{x}{491}$$

$$x = \underline{\underline{.334}} \quad \text{not satisfactory}$$



$$\sin \alpha = \frac{161}{491} = .3277$$

$$\alpha = 19^{\circ}-8'$$



$$\sin \alpha' = \frac{109}{491} = .222$$

$$\alpha' = 12^{\circ}-33'$$

$$A = 21^{\circ}-6'$$

10 48
21 36
19 8
40 48

$$\alpha + A = 40^{\circ}-14'$$

$$37^{\circ}-48'$$

USE $40^{\circ}-48'$

$$\sin 40^{\circ}-48' = .6534 = \frac{x}{491} \quad x =$$

EXPERIMENTER

WITNESS

DATE

DATE