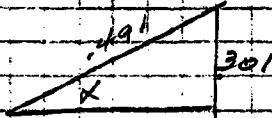


DATE

1-3-48

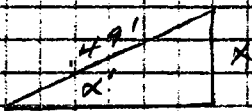
SUBJECT OF EXPT.

New Location of Safety Retent ~~Half in~~
Housing

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

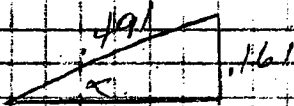
Adding 5° to α

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



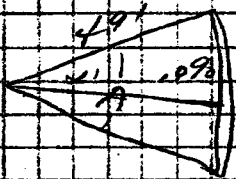
$$\sin \alpha' = .6794 = \frac{x}{491}$$

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



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

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



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

$$\alpha' = 10^\circ - 33'$$

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

10 48

21 36

19 8

40 48

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

$$37^\circ - 48'$$

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

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

EXPERIMENTER

DATE

WITNESS

DATE