

6.

DATE

9-17-43

SUBJECT OF EXPT

Receiver Calculations

Strength of receiver Ring

$$\text{Min OD} = 1.370"$$

$$\text{Max ID} = 1.130"$$

$$\text{Area OD} = \left(\frac{1.370}{2}\right)^2 \pi = 1.475 \text{ sq in.}$$

$$\text{Area ID} = \left(\frac{1.130}{2}\right)^2 \pi = 1.004 \text{ sq in.}$$

$$\text{Cross Section Area} = .471 \text{ sq in.}$$

Yield strength of X1315 heat treated =

EXPERIMENTER

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DATE

DATE