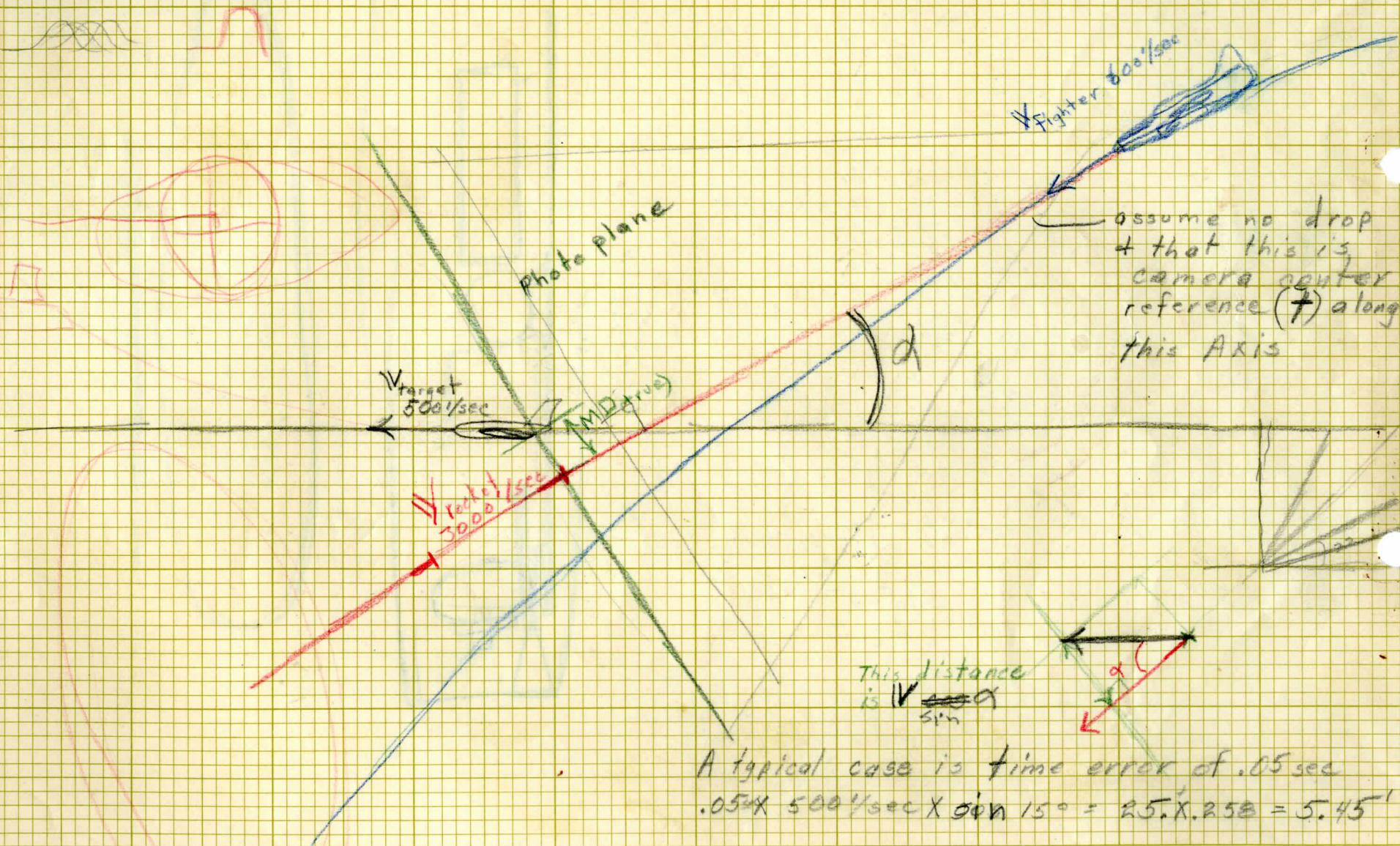


Radar Range Resolution -
 $3000'/\text{sec} \times .05 \text{ sec} = 150'$
 $150'$

$$\frac{3000}{.05} = 60000$$



$$\frac{25}{.05} = 500$$

$$\frac{.014}{3} = .00467$$

$$\frac{.042}{1} = .042$$

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$$\frac{y}{r} = \frac{x}{r} \times \frac{r}{r}$$

$$\frac{500}{.05} = 10000$$

