angle of elevation


Angle of elevation $=\propto=25^{\circ}$, vertical rice $=\mathrm{H}=10$ feet
Solution:

$$
\begin{gathered}
\sin \alpha=\frac{H}{L} \\
L=\frac{H}{\sin \alpha}=\frac{10}{\sin 25^{0}}=23.6 \text { feet }
\end{gathered}
$$

Answer: 23.6 feet

