EF SURFACE AREA = 0.2851 SQ. FT.

**PARABOLA EQN.**

\[ y^2 = 4Fx \]

\[ F = \frac{0.400}{10.2} \quad \text{(FOCAL LENGTH)} \]

**POINTS:**

- Vertex: \(0.440 \text{ in.} \quad 3.465 \text{ in.} \)
- Focus: \(0.450 \text{ in.} \quad 3.022 \text{ in.} \)
- Plane of Clear Aperture: \(111.50^\circ \)
- Axis of Revolution: \(52.25^\circ \)
- Reflective Surface: \(2.042 \text{ in.} \)

**NOTES:**

- ELECTROFORM REFLECTOR FROM MASTER TOOL WITH SPECULAR SURFACE QUALITY OF 80-50 SCRATCH-DIG PER MIL-PRF-13830B.
- NOMINAL THICKNESS \(T\) MAY VARY \(\pm \frac{T}{4}\) WITHIN .25 OF EDGES.
- REFLECTIVE SURFACE COATING TO BE SEPARATELY SPECIFIED.