

LOCATE THE MAP FEATURE ON CONTOUR MAP

(see [Determining Vertical Angle](#))

8661

(1987)

- Measure along the azimuth line the distance from the lookout to that feature, and make a note of the azimuth and distance.
- Subtract the contour line elevation of the feature from the elevation of the lookout firefinder.
- Divide step 1 (in feet) into step 2 (in feet). This gives a number called a tangent.
- Look up the tangent number in a tangent table, which will give you an angle reading. Note this angle.
- The firefinder must be level.
- Set the firefinder to the azimuth from step 1, and move the peep sight on the rear firefinder post to the angle setting from step 4.
- Look through the peep sight, and the lower cross hair will now be sighted on the terrain feature which you found on the topographic map.

FORMS AND/OR FORMS SAMPLES: RETURN TO CDF LIBRARY HOME PAGE FOR FORMS/FORMS SAMPLES SITE LINK.

(see [next section](#))

(see [Table of Contents](#))