

# SKYZAN Hazard Analysis

June 11, 2010

## Laser Information

Wavelength: 445 nm  
 Visual Correction Factor: .0305  
 Laser Mode: Continuous Wave

## Continuous Wave Parameters

Average Power: 1.00E+00 Watts  
 Exposure Time: 2.50E-01 Seconds

## Single/Multiple Pulse Parameters

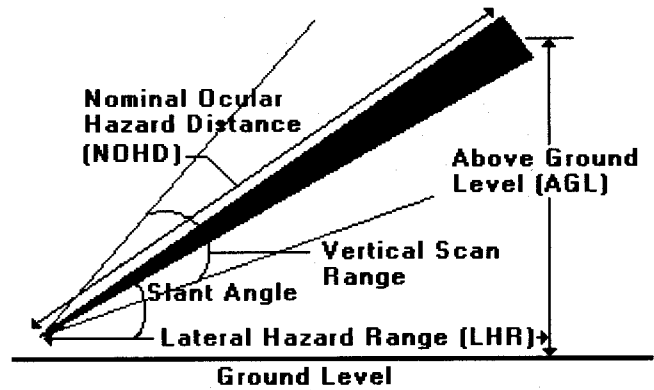
Laser Output: N/A  
 Pulse Length: N/A  
 Pulse Rate: N/A  
 Total Exposure Time: N/A

## Beam Information

Beam Diameter: 3 mm  
 Beam Divergence: 1 mrad  
 Min Elevation Angle: 0 Degrees  
 Max Elevation Angle: 0 Degrees

## Beam Adjustments

Pre-Corrected Power: 1.00E+00 Watts  
 Visually Corrected Power: 3.05E-02 Watts  
 Atmospheric Absorption ( $\mu$ ): 0 (1/cm)



## Results in Feet

	MPE	Slant Range	Horizontal Distance	Vertical Distance
<b>NOHD</b>	2.55E-03 W/cm <sup>2</sup>	733.68	733.68	0.00
<b>SZED</b>	1.00E-04 W/cm <sup>2</sup>	646.46	646.46	0.00
<b>CZED</b>	5.00E-06 W/cm <sup>2</sup>	2891.36	2891.36	0.00
<b>LFED</b>	5.00E-08 W/cm <sup>2</sup>	28913.80	28913.80	0.00

## Comments