

TABLE 2-1

**ELEVATION DISTANCES TO THE CH232 TRANSLATOR 123.0 dBu F.S. LINE
OF SIGHT CONTOUR**

Depression Angle (Degrees)	Relative Field	Slant Distance “D” from Antenna to Contour(m)	Clearance “C” Above 107 m AMSL Plane (m)
5	0.969	76.1	49.4
10	0.881	69.2	44.0
15	0.745	58.5	40.9
20	0.576	45.2	40.5
25	0.389	30.5	43.1
30	0.203	15.9	48.0
35	0.112	2.5	54.6
40	0.224	8.8	50.3
45	0.299	17.6	43.6
50	0.339	23.5	38.0
55	0.347	26.6	34.2
60	0.328	27.2	32.4
65	0.288	25.8	32.7
70	0.231	22.6	34.8
75	0.162	18.1	38.5
80	0.085	12.7	43.5
85	0.001	6.7	49.4
90	0.001	0.3	55.9

WKYS Protection assuming non-directional worst case operation.

The proposed translator 123.0 dBu L.O.S. contour never occurs lower than 32.4 meters above ground fully protecting all persons at ground level below.