



MANTIS

Standard Smart Targets

Actual Yards	Results in the following simulated yards						Silhouette Head Shot
	Dot Torture	FBI Qual	IDPA	IPSC	B27	BT-5S	
1	1.0	2.4	3.2	3.2	3.3	2.4	1.4
2	2.0	4.7	6.4	6.5	6.6	4.7	2.9
3	3.0	7.1	9.6	9.7	9.9	7.1	4.3
4	4.0	9.5	12.8	12.9	13.2	9.4	5.7
5	5.0	11.9	16.0	16.1	16.5	11.8	7.2
6	6.0	14.2	19.2	19.4	19.9	14.1	8.6
7	7.0	16.6	22.4	22.6	23.2	16.5	10.0
8	8.0	19.0	25.6	25.8	26.5	18.8	11.5
9	9.0	21.3	28.8	29.0	29.8	21.2	12.9
10	10.0	23.7	32.0	32.3	33.1	23.5	14.3
11	11.0	26.1	35.2	35.5	36.4	25.9	15.8
12	12.0	28.5	38.4	38.7	39.7	28.2	17.2
13	13.0	30.8	41.6	42.0	43.0	30.6	18.7
14	14.0	33.2	44.8	45.2	46.3	32.9	20.1
15	15.0	35.6	48.0	48.4	49.6	35.3	21.5
16	16.0	37.9	51.2	51.6	52.9	37.6	23.0
17	17.0	40.3	54.4	54.9	56.2	40.0	24.4
18	18.0	42.7	57.6	58.1	59.6	42.4	25.8
19	19.0	45.1	60.8	61.3	62.9	44.7	27.3
20	20.0	47.4	64.0	64.5	66.2	47.1	28.7
21	21.0	49.8	67.2	67.8	69.5	49.4	30.1
22	22.0	52.2	70.4	71.0	72.8	51.8	31.6
23	23.0	54.5	73.6	74.2	76.1	54.1	33.0
24	24.0	56.9	76.8	77.4	79.4	56.5	34.4
25	25.0	59.3	80.0	80.7	82.7	58.8	35.9
26	26.0	61.7	83.2	83.9	86.0	61.2	37.3
27	27.0	64.0	86.4	87.1	89.3	63.5	38.7
28	28.0	66.4	89.6	90.4	92.6	65.9	40.2
29	29.0	68.8	92.8	93.6	95.9	68.2	41.6
30	30.0	71.1	96.0	96.8	99.3	70.6	43.0
31	31.0	73.5	99.2	100.0	102.6	72.9	44.5
32	32.0	75.9	102.4	103.3	105.9	75.3	45.9
33	33.0	78.3	105.6	106.5	109.2	77.6	47.4
34	34.0	80.6	108.8	109.7	112.5	80.0	48.8
35	35.0	83.0	112.0	112.9	115.8	82.4	50.2
36	36.0	85.4	115.2	116.2	119.1	84.7	51.7
37	37.0	87.7	118.4	119.4	122.4	87.1	53.1
38	38.0	90.1	121.6	122.6	125.7	89.4	54.5
39	39.0	92.5	124.8	125.9	129.0	91.8	56.0
40	40.0	94.9	128.0	129.1	132.3	94.1	57.4



Standard Smart Targets

Desired Simulated Yards	Place the Smart Target at X Yards						Silhouette Head Shot
	Dot Torture	FBI Qual	IDPA	IPSC	B27	BT-5S	
1	1.00	0.42	0.31	0.31	0.30	0.43	0.70
2	2.00	0.84	0.63	0.62	0.60	0.85	1.39
3	3.00	1.27	0.94	0.93	0.91	1.28	2.09
4	4.00	1.69	1.25	1.24	1.21	1.70	2.79
5	5.00	2.11	1.56	1.55	1.51	2.13	3.48
6	6.00	2.53	1.88	1.86	1.81	2.55	4.18
7	7.00	2.95	2.19	2.17	2.12	2.98	4.88
8	8.00	3.37	2.50	2.48	2.42	3.40	5.58
9	9.00	3.80	2.81	2.79	2.72	3.83	6.27
10	10.00	4.22	3.13	3.10	3.02	4.25	6.97
11	11.00	4.64	3.44	3.41	3.32	4.68	7.67
12	12.00	5.06	3.75	3.72	3.63	5.10	8.36
13	13.00	5.48	4.06	4.03	3.93	5.53	9.06
14	14.00	5.90	4.38	4.34	4.23	5.95	9.76
15	15.00	6.33	4.69	4.65	4.53	6.38	10.45
16	16.00	6.75	5.00	4.96	4.84	6.80	11.15
17	17.00	7.17	5.31	5.27	5.14	7.23	11.85
18	18.00	7.59	5.63	5.58	5.44	7.65	12.54
19	19.00	8.01	5.94	5.89	5.74	8.08	13.24
20	20.00	8.43	6.25	6.20	6.05	8.50	13.94
21	21.00	8.86	6.56	6.51	6.35	8.93	14.63
22	22.00	9.28	6.88	6.82	6.65	9.35	15.33
23	23.00	9.70	7.19	7.13	6.95	9.78	16.03
24	24.00	10.12	7.50	7.44	7.25	10.20	16.73
25	25.00	10.54	7.81	7.75	7.56	10.63	17.42
26	26.00	10.96	8.13	8.06	7.86	11.05	18.12
27	27.00	11.39	8.44	8.37	8.16	11.48	18.82
28	28.00	11.81	8.75	8.68	8.46	11.90	19.51
29	29.00	12.23	9.06	8.99	8.77	12.33	20.21
30	30.00	12.65	9.38	9.30	9.07	12.75	20.91
31	31.00	13.07	9.69	9.61	9.37	13.18	21.60
32	32.00	13.49	10.00	9.92	9.67	13.60	22.30
33	33.00	13.92	10.31	10.23	9.97	14.03	23.00
34	34.00	14.34	10.63	10.54	10.28	14.45	23.69
35	35.00	14.76	10.94	10.85	10.58	14.88	24.39
36	36.00	15.18	11.25	11.16	10.88	15.30	25.09
37	37.00	15.60	11.56	11.47	11.18	15.73	25.78
38	38.00	16.02	11.88	11.78	11.49	16.15	26.48
39	39.00	16.45	12.19	12.09	11.79	16.58	27.18
40	40.00	16.87	12.50	12.40	12.09	17.00	27.88