

Dennis Santiago's
Ballistics Flyout Analysis Program

revised: June 27, 1992

LOAD #	1	Sight Correction Table			
AMMUNITION	2	Rng, Yd MOA up In (-Hi)			
Bullet	3	Zero Set Point	25	Err:522	Err:522
Diameter	4 inches	from Boresight	50	Err:522	Err:522
Weight	5 grains	Zero, MOA up	100	Err:522	Err:522
Est B.C.	11		200	Err:522	Err:522
M.V.	8 feet per second	-4965.61176	300	Err:522	Err:522
Bore Offset	9 inches below sight line		400	Err:522	Err:522
Zero Range	10 yards		500	Err:522	Err:522
			600	Err:522	Err:522
Time Step	0.01 seconds		1000	Err:522	Err:522

1	2 ^t	4 ^{ttt}	9 ^{tt}	13 ^{tt}	16	17	18
			1 ^{ttt}	5 ^{tt}	8	9	10

Sight

R Correction

(f from

Wind Drift Calculations

fff Weapon Zero VMOA L/R

COMPUTATION TABLE

Chord

tt Setting

ll Wind Speed, mph

Time Step	Energy	V(avg)	ll Range, yd	lll MOA up	tt	1	5	10
0	0.00071 ^t	8 ^t				0	0	0
0.01	Err:522 ^t	Err:522 ^{ttt}	0.026672 ^{ttt}		0 ^{tt}	-0.12696	-0.6348	-1.26959
0.02	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.03	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.04	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.05	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.06	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.07	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.08	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.09	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.1	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.11	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.12	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.13	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.14	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.15	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.16	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.17	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.18	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.19	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.2	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.21	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.22	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.23	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.24	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.25	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522
0.26	Err:522 ^t	Err:522 ^{ttt}	Err:522 ^{ttt}		Err:522 ^{tt}	Err:522	Err:522	Err:522

