

## Movers Speed (Mil)

MPH of Mover										
Range	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
in/sec	9	18	26	35	44	53	62	70	79	88
100	2.4	4.9	7.3	9.8	12.2	14.7	17.1	19.6	22.0	24.4
150	1.6	3.3	4.9	6.5	8.1	9.8	11.4	13.0	14.7	16.3
200	1.2	2.4	3.7	4.9	6.1	7.3	8.6	9.8	11.0	12.2
250	1.0	2.0	2.9	3.9	4.9	5.9	6.8	7.8	8.8	9.8
300	0.8	1.6	2.4	3.3	4.1	4.9	5.7	6.5	7.3	8.1
350	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0
400	0.6	1.2	1.8	2.4	3.1	3.7	4.3	4.9	5.5	6.1
450	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.9	5.4
500	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.4	4.9
550	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0	4.4
600	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.3	3.7	4.1
650	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
700	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.5
750	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.3
800	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
850	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9
900	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
950	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.6
1000	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.4
1050	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3
1100	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
1150	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
1200	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
1250	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
1300	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.7	1.9
1350	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
1400	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
1450	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.7
1500	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6

How to Use:

1. Range target.
2. Measure angle Between Marks.
3. Time target between marks.
4. Divide angle by seconds.
5. Find speed in chart at that range.

Example: 600 yard target moves 10 mils in 3 seconds.  
 $10/3 = 3.333$  mil/sec. 3.333 at 600 yards = 4mph

## Mil Lead for Mover

Tikka 6.5-130ELDs

Rifle:		Tikka	Caliber: 6.5			Bullet: 130 ELD			M.V.: 2900		
	Time of Flight (sec)	MPH of Mover									
Range		0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
100	0.107	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.4	2.6
150	0.162	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.6
200	0.220	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.4	2.7
250	0.279	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.7
300	0.340	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.5	2.8
350	0.403	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.5	2.8
400	0.468	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.6	2.9
450	0.536	0.3	0.6	0.9	1.2	1.5	1.7	2.0	2.3	2.6	2.9
500	0.606	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
550	0.678	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
600	0.753	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.5	2.8	3.1
650	0.831	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1
700	0.912	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.9	3.2
750	0.996	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
800	1.083	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.6	3.0	3.3
850	1.174	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.0	3.4
900	1.268	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
950	1.367	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
1000	1.470	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
1050	1.577	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.7
1100	1.689	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
1150	1.806	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.1	3.5	3.8
1200	1.929	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
1250	2.058	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
1300	2.191	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.1
1350	2.330	0.4	0.8	1.3	1.7	2.1	2.5	3.0	3.4	3.8	4.2
1400	2.471	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.5	3.9	4.3
1450	2.615	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	4.0	4.4
1500	2.665	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.5	3.9	4.3

DA Adjustment -

1. Find Come-up at shooting DA in drop chart.
2. Find same come-up in 2000DA drop chart.
3. Read range of 2000DA come-up.
4. Use 2000DA yardage to find lead in this Chart.

Example: 1300yd shot at 8000DA (11.6 Come-up) is a 1200 Yard time of flight in the above chart.