

Trajectory

50 m kohdistus

Manufacturer:	Lapua	Description:	Full Metal Jacket
Caliber:	0.224 in	Weight:	55.0 gr
Ballistic Coefficient:	0.251	G1	
Muzzle Velocity:	940.0 m/sec	Distance to Chronograph:	2.0 m
Sight Height:	2.60 in	Sight Offset:	0.00 in
Zero Height:	0.00 in	Zero Offset:	0.00 in
Windage:	0.000 MOA	Elevation:	0.000 MOA
Line Of Sight Angle:	0.0 deg	Cant Angle:	0.0 deg
Wind Speed:	10.0 mph	Wind Angle:	90.0 deg
Target Speed:	10.0 mph	Target Angle:	90.0 deg
Target Height:	12.0 in		
Temperature:	59.0 °F	Pressure:	29.92 in Hg
Humidity:	0.0 %	Altitude:	0.0 ft
Vital Zone Radius:	10.0 cm		
Std. Atmosphere at Altitude:	No	Pressure is Corrected:	Yes
Zero at Max. Point Blank Range:	No	Target Relative Drops:	Yes
Mark Sound Barrier Crossing:	No	Include Extra Rows:	No
Column 1 Units:	1.00 cm	Column 2 Units:	1.00 MOA
Round Output to Whole Numbers:	No		

Output Data

Elevation:	5.536 MOA	Windage:	0.000 MOA
Atmospheric Density:	0.07647 lb/ft ³	Speed of Sound:	340.3 m/sec
Maximum PBR:	290 m	Maximum PBR Zero:	251 m
Range of Maximum Height:	150 m	Energy at Maximum PBR:	645.2 J
Sectional Density:	0.157 lb/in ²		

Calculated Table

Range (m)	Drop (cm)	Drop (MOA)	Windage (cm)	Windage (MOA)	Velocity (m/sec)	Mach (none)	Energy (J)	Time (s)	Lead (cm)	Lead (MOA)
0	-6.6	***	0.0	***	942.7	2.770	1583.6	0.000	0.0	***
25	-2.9	-4.0	0.2	0.3	909.5	2.673	1474.1	0.027	12.1	16.6
50	0.0	0.0	0.9	0.6	877.2	2.578	1371.2	0.055	24.6	16.9
75	2.1	1.0	2.0	0.9	845.7	2.485	1274.4	0.084	37.6	17.2
100	3.4	1.2	3.6	1.2	814.8	2.395	1183.2	0.114	51.0	17.5
125	3.8	1.0	5.7	1.6	784.7	2.306	1097.3	0.145	65.0	17.9
150	3.1	0.7	8.4	1.9	755.3	2.219	1016.4	0.178	79.5	18.2
175	1.4	0.3	11.6	2.3	726.4	2.135	940.3	0.212	94.6	18.6
200	-1.5	-0.3	15.5	2.7	698.2	2.052	868.7	0.247	110.3	19.0
225	-5.6	-0.9	19.9	3.0	670.6	1.971	801.4	0.283	126.6	19.3
250	-11.1	-1.5	25.1	3.4	643.6	1.891	738.1	0.321	143.6	19.8
275	-18.1	-2.3	31.0	3.9	617.2	1.814	678.9	0.361	161.4	20.2
300	-26.7	-3.1	37.6	4.3	591.5	1.738	623.5	0.402	179.9	20.6
325	-37.0	-3.9	45.1	4.8	566.5	1.665	571.9	0.446	199.2	21.1
350	-49.3	-4.8	53.4	5.2	542.2	1.593	523.8	0.491	219.3	21.5
375	-63.6	-5.8	62.6	5.7	518.6	1.524	479.3	0.538	240.4	22.0
400	-80.3	-6.9	72.8	6.3	495.9	1.457	438.2	0.587	262.5	22.6
425	-99.4	-8.0	84.0	6.8	474.0	1.393	400.4	0.639	285.5	23.1
450	-121.2	-9.3	96.2	7.4	453.1	1.332	365.9	0.693	309.6	23.7
475	-146.1	-10.6	109.6	7.9	433.3	1.273	334.5	0.749	334.9	24.2
500	-174.2	-12.0	124.1	8.5	414.5	1.218	306.1	0.808	361.2	24.8

Trajectory										
25 m kohdistus										
Manufacturer:		Lapua Description:				Full Metal Jacket				
Caliber:		0.224 in Weight:				55.0 gr				
Ballistic Coefficient:		0.251 G1								
Muzzle Velocity:		940.0 m/sec				Distance to Chronograph:			2.0 m	
Sight Height:		2.60 in				Sight Offset:			0.00 in	
Zero Height:		0.00 in				Zero Offset:			0.00 in	
Windage:		0.000 MOA				Elevation:			0.000 MOA	
Line Of Sight Angle:		0.0 deg				Cant Angle:			0.0 deg	
Wind Speed:		10.0 mph				Wind Angle:			90.0 deg	
Target Speed:		10.0 mph				Target Angle:			90.0 deg	
Target Height:		12.0 in								
Temperature:		59.0 °F				Pressure:			29.92 in Hg	
Humidity:		0.0 %				Altitude:			0.0 ft	
Vital Zone Radius:		10.0 cm								
Std. Atmosphere at Altitude:		No				Pressure is Corrected:			Yes	
Zero at Max. Point Blank Range:		No				Target Relative Drops:			Yes	
Mark Sound Barrier Crossing:		No				Include Extra Rows:			No	
Column 1 Units:		1.00 cm				Column 2 Units:			1.00 MOA	
Round Output to Whole Numbers:		No								
Output Data										
Elevation:		9.567 MOA				Windage:			0.000 MOA	
Atmospheric Density:		0.07647 lb/ft³				Speed of Sound:			340.3 m/sec	
Maximum PBR:		290 m				Maximum PBR Zero:			251 m	
Range of Maximum Height:		150 m				Energy at Maximum PBR:			645.2 J	
Sectional Density:		0.157 lb/in²								
Calculated Table										
Range	Drop	Drop	Windage	Windage	Velocity	Mach	Energy	Time	Lead	Lead
(m)	(cm)	(MOA)	(cm)	(MOA)	(m/sec)	(none)	(J)	(s)	(cm)	(MOA)
0	-6.6	***	0.0	***	942.7	2.770	1583.6	0.000	0.0	***
25	0.0	0.0	0.2	0.3	909.5	2.673	1474.1	0.027	12.1	16.6
50	5.9	4.0	0.9	0.6	877.2	2.578	1371.2	0.055	24.6	16.9
75	10.9	5.0	2.0	0.9	845.7	2.485	1274.4	0.084	37.6	17.2
100	15.1	5.2	3.6	1.2	814.8	2.395	1183.2	0.114	51.0	17.5
125	18.4	5.1	5.7	1.6	784.7	2.306	1097.3	0.145	65.0	17.9
150	20.7	4.7	8.4	1.9	755.2	2.219	1016.4	0.178	79.5	18.2
175	21.9	4.3	11.6	2.3	726.4	2.135	940.3	0.212	94.6	18.6
200	22.0	3.8	15.5	2.7	698.2	2.052	868.7	0.247	110.3	19.0
225	20.8	3.2	19.9	3.0	670.6	1.971	801.4	0.283	126.6	19.3
250	18.2	2.5	25.1	3.4	643.6	1.891	738.1	0.321	143.6	19.8
275	14.1	1.8	31.0	3.9	617.2	1.814	678.9	0.361	161.4	20.2
300	8.5	1.0	37.6	4.3	591.5	1.738	623.5	0.402	179.9	20.6
325	1.1	0.1	45.1	4.8	566.5	1.665	571.9	0.446	199.2	21.1
350	-8.3	-0.8	53.4	5.2	542.2	1.593	523.8	0.491	219.3	21.5
375	-19.7	-1.8	62.6	5.7	518.6	1.524	479.3	0.538	240.4	22.0
400	-33.4	-2.9	72.8	6.3	495.9	1.457	438.2	0.587	262.5	22.6
425	-49.5	-4.0	84.0	6.8	474.0	1.393	400.4	0.639	285.5	23.1
450	-68.5	-5.2	96.2	7.4	453.1	1.332	365.9	0.693	309.6	23.7
475	-90.4	-6.5	109.6	7.9	433.2	1.273	334.5	0.749	334.9	24.2
500	-115.5	-7.9	124.1	8.5	414.5	1.218	306.1	0.808	361.2	24.8

Trajectory

100 m kohdistus

Manufacturer:	Lapua	Description:	Full Metal Jacket
Caliber:	0.224 in	Weight:	55.0 gr
Ballistic Coefficient:	0.251 G1		
Muzzle Velocity:	940.0 m/sec	Distance to Chronograph:	2.0 m
Sight Height:	2.60 in	Sight Offset:	0.00 in
Zero Height:	0.00 in	Zero Offset:	0.00 in
Windage:	0.000 MOA	Elevation:	0.000 MOA
Line Of Sight Angle:	0.0 deg	Cant Angle:	0.0 deg
Wind Speed:	10.0 mph	Wind Angle:	90.0 deg
Target Speed:	10.0 mph	Target Angle:	90.0 deg
Target Height:	12.0 in		
Temperature:	59.0 °F	Pressure:	29.92 in Hg
Humidity:	0.0 %	Altitude:	0.0 ft
Vital Zone Radius:	10.0 cm		
Std. Atmosphere at Altitude:	No	Pressure is Corrected:	Yes
Zero at Max. Point Blank Range:	No	Target Relative Drops:	Yes
Mark Sound Barrier Crossing:	No	Include Extra Rows:	No
Column 1 Units:	1.00 cm	Column 2 Units:	1.00 MOA
Round Output to Whole Numbers:	No		

Output Data

Elevation:	4.363 MOA	Windage:	0.000 MOA
Atmospheric Density:	0.07647 lb/ft ³	Speed of Sound:	340.3 m/sec
Maximum PBR:	290 m	Maximum PBR Zero:	251 m
Range of Maximum Height:	150 m	Energy at Maximum PBR:	645.2 J
Sectional Density:	0.157 lb/in ²		

Calculated Table

Range (m)	Drop (cm)	Drop (MOA)	Windage (cm)	Windage (MOA)	Velocity (m/sec)	Mach (none)	Energy (J)	Time (s)	Lead (cm)	Lead (MOA)
0	-6.6	***	0.0	***	942.7	2.770	1583.6	0.000	0.0	***
25	-3.8	-5.2	0.2	0.3	909.5	2.673	1474.1	0.027	12.1	16.6
50	-1.7	-1.2	0.9	0.6	877.2	2.578	1371.2	0.055	24.6	16.9
75	-0.4	-0.2	2.0	0.9	845.7	2.485	1274.4	0.084	37.6	17.2
100	-0.0	-0.0	3.6	1.2	814.8	2.395	1183.2	0.114	51.0	17.5
125	-0.5	-0.1	5.7	1.6	784.7	2.306	1097.3	0.145	65.0	17.9
150	-2.0	-0.5	8.4	1.9	755.3	2.219	1016.4	0.178	79.5	18.2
175	-4.6	-0.9	11.6	2.3	726.4	2.135	940.3	0.212	94.6	18.6
200	-8.3	-1.4	15.5	2.7	698.2	2.052	868.7	0.247	110.3	19.0
225	-13.3	-2.0	19.9	3.0	670.6	1.971	801.4	0.283	126.6	19.3
250	-19.6	-2.7	25.1	3.4	643.6	1.891	738.1	0.321	143.6	19.8
275	-27.5	-3.4	31.0	3.9	617.2	1.814	678.9	0.361	161.4	20.2
300	-36.9	-4.2	37.6	4.3	591.5	1.738	623.5	0.402	179.9	20.6
325	-48.1	-5.1	45.1	4.8	566.5	1.665	571.9	0.446	199.2	21.1
350	-61.2	-6.0	53.4	5.2	542.2	1.593	523.8	0.491	219.3	21.5
375	-76.4	-7.0	62.6	5.7	518.6	1.524	479.3	0.538	240.4	22.0
400	-93.9	-8.1	72.8	6.3	495.9	1.457	438.2	0.587	262.5	22.6
425	-113.9	-9.2	84.0	6.8	474.0	1.393	400.4	0.639	285.5	23.1
450	-136.6	-10.4	96.2	7.4	453.1	1.332	365.9	0.693	309.6	23.7
475	-162.3	-11.7	109.6	7.9	433.3	1.273	334.5	0.749	334.9	24.2
500	-191.2	-13.1	124.1	8.5	414.5	1.218	306.1	0.808	361.2	24.8

Trajectory										
150 m kohdistus										
Manufacturer:	Lapua Description:						Full Metal Jacket			
Caliber:	0.224 in Weight:						55.0 gr			
Ballistic Coefficient:	0.251 G1									
Muzzle Velocity:	940.0 m/sec			Distance to Chronograph:			2.0 m			
Sight Height:	2.60 in			Sight Offset:			0.00 in			
Zero Height:	0.00 in			Zero Offset:			0.00 in			
Windage:	0.000 MOA			Elevation:			0.000 MOA			
Line Of Sight Angle:	0.0 deg			Cant Angle:			0.0 deg			
Wind Speed:	10.0 mph			Wind Angle:			90.0 deg			
Target Speed:	10.0 mph			Target Angle:			90.0 deg			
Target Height:	12.0 in									
Temperature:	59.0 °F			Pressure:			29.92 in Hg			
Humidity:	0.0 %			Altitude:			0.0 ft			
Vital Zone Radius:	10.0 cm									
Std. Atmosphere at Altitude:	No			Pressure is Corrected:			Yes			
Zero at Max. Point Blank Range:	No			Target Relative Drops:			Yes			
Mark Sound Barrier Crossing:	No			Include Extra Rows:			No			
Column 1 Units:	1.00 cm			Column 2 Units:			1.00 MOA			
Round Output to Whole Numbers:	No									
Output Data										
Elevation:	4.820 MOA			Windage:			0.000 MOA			
Atmospheric Density:	0.07647 lb/ft³			Speed of Sound:			340.3 m/sec			
Maximum PBR:	290 m			Maximum PBR Zero:			251 m			
Range of Maximum Height:	150 m			Energy at Maximum PBR:			645.2 J			
Sectional Density:	0.157 lb/in²									
Calculated Table										
Range	Drop	Drop	Windage	Windage	Velocity	Mach	Energy	Time	Lead	Lead
(m)	(cm)	(MOA)	(cm)	(MOA)	(m/sec)	(none)	(J)	(s)	(cm)	(MOA)
0	-6.6	***	0.0	***	942.7	2.770	1583.6	0.000	0.0	***
25	-3.5	-4.7	0.2	0.3	909.5	2.673	1474.1	0.027	12.1	16.6
50	-1.0	-0.7	0.9	0.6	877.2	2.578	1371.2	0.055	24.6	16.9
75	0.6	0.3	2.0	0.9	845.7	2.485	1274.4	0.084	37.6	17.2
100	1.3	0.5	3.6	1.2	814.8	2.395	1183.2	0.114	51.0	17.5
125	1.2	0.3	5.7	1.6	784.7	2.306	1097.3	0.145	65.0	17.9
150	-0.0	-0.0	8.4	1.9	755.3	2.219	1016.4	0.178	79.5	18.2
175	-2.2	-0.4	11.6	2.3	726.4	2.135	940.3	0.212	94.6	18.6
200	-5.6	-1.0	15.5	2.7	698.2	2.052	868.7	0.247	110.3	19.0
225	-10.3	-1.6	19.9	3.0	670.6	1.971	801.4	0.283	126.6	19.3
250	-16.3	-2.2	25.1	3.4	643.6	1.891	738.1	0.321	143.6	19.8
275	-23.8	-3.0	31.0	3.9	617.2	1.814	678.9	0.361	161.4	20.2
300	-32.9	-3.8	37.6	4.3	591.5	1.738	623.5	0.402	179.9	20.6
325	-43.8	-4.6	45.1	4.8	566.5	1.665	571.9	0.446	199.2	21.1
350	-56.6	-5.6	53.4	5.2	542.2	1.593	523.8	0.491	219.3	21.5
375	-71.4	-6.5	62.6	5.7	518.6	1.524	479.3	0.538	240.4	22.0
400	-88.6	-7.6	72.8	6.3	495.9	1.457	438.2	0.587	262.5	22.6
425	-108.2	-8.8	84.0	6.8	474.0	1.393	400.4	0.639	285.5	23.1
450	-130.6	-10.0	96.2	7.4	453.1	1.332	365.9	0.693	309.6	23.7
475	-155.9	-11.3	109.6	7.9	433.3	1.273	334.5	0.749	334.9	24.2
500	-184.6	-12.7	124.1	8.5	414.5	1.218	306.1	0.808	361.2	24.8

Trajectory**300 kohdistus**

Manufacturer:	Lapua	Description:	Full Metal Jacket
Caliber:	0.224 in	Weight:	55.0 gr
Ballistic Coefficient:	0.251	G1	
Muzzle Velocity:	940.0 m/sec	Distance to Chronograph:	2.0 m
Sight Height:	2.60 in	Sight Offset:	0.00 in
Zero Height:	0.00 in	Zero Offset:	0.00 in
Windage:	0.000 MOA	Elevation:	0.000 MOA
Line Of Sight Angle:	0.0 deg	Cant Angle:	0.0 deg
Wind Speed:	10.0 mph	Wind Angle:	90.0 deg
Target Speed:	10.0 mph	Target Angle:	90.0 deg
Target Height:	12.0 in		
Temperature:	59.0 °F	Pressure:	29.92 in Hg
Humidity:	0.0 %	Altitude:	0.0 ft
Vital Zone Radius:	10.0 cm		
Std. Atmosphere at Altitude:	No	Pressure is Corrected:	Yes
Zero at Max. Point Blank Range:	No	Target Relative Drops:	Yes
Mark Sound Barrier Crossing:	No	Include Extra Rows:	No
Column 1 Units:	1.00 cm	Column 2 Units:	1.00 MOA
Round Output to Whole Numbers:	No		

Output Data

Elevation:	8.595 MOA	Windage:	0.000 MOA
Atmospheric Density:	0.07647 lb/ft³	Speed of Sound:	340.3 m/sec
Maximum PBR:	290 m	Maximum PBR Zero:	251 m
Range of Maximum Height:	150 m	Energy at Maximum PBR:	645.2 J
Sectional Density:	0.157 lb/in²		

Calculated Table

Range (m)	Drop (cm)	Drop (MOA)	Windage (cm)	Windage (MOA)	Velocity (m/sec)	Mach (none)	Energy (J)	Time (s)	Lead (cm)	Lead (MOA)
0	-6.6	***	0.0	***	942.7	2.770	1583.6	0.000	0.0	***
25	-0.7	-1.0	0.2	0.3	909.5	2.673	1474.1	0.027	12.1	16.6
50	4.4	3.1	0.9	0.6	877.2	2.578	1371.2	0.055	24.6	16.9
75	8.8	4.0	2.0	0.9	845.7	2.485	1274.4	0.084	37.6	17.2
100	12.3	4.2	3.6	1.2	814.8	2.395	1183.2	0.114	51.0	17.5
125	14.9	4.1	5.7	1.6	784.7	2.306	1097.3	0.145	65.0	17.9
150	16.5	3.8	8.4	1.9	755.2	2.219	1016.4	0.178	79.5	18.2
175	17.0	3.3	11.6	2.3	726.4	2.135	940.3	0.212	94.6	18.6
200	16.3	2.8	15.5	2.7	698.2	2.052	868.7	0.247	110.3	19.0
225	14.4	2.2	19.9	3.0	670.6	1.971	801.4	0.283	126.6	19.3
250	11.1	1.5	25.1	3.4	643.6	1.891	738.1	0.321	143.6	19.8
275	6.4	0.8	31.0	3.9	617.2	1.814	678.9	0.361	161.4	20.2
300	-0.0	-0.0	37.6	4.3	591.5	1.738	623.5	0.402	179.9	20.6
325	-8.1	-0.9	45.1	4.8	566.5	1.665	571.9	0.446	199.2	21.1
350	-18.2	-1.8	53.4	5.2	542.2	1.593	523.8	0.491	219.3	21.5
375	-30.3	-2.8	62.6	5.7	518.6	1.524	479.3	0.538	240.4	22.0
400	-44.7	-3.8	72.8	6.3	495.9	1.457	438.2	0.587	262.5	22.6
425	-61.6	-5.0	84.0	6.8	474.0	1.393	400.4	0.639	285.5	23.1
450	-81.2	-6.2	96.2	7.4	453.1	1.332	365.9	0.693	309.6	23.7
475	-103.8	-7.5	109.6	7.9	433.3	1.273	334.5	0.749	334.9	24.2
500	-129.7	-8.9	124.1	8.5	414.5	1.218	306.1	0.808	361.2	24.8