

Sniper Field Book



Schütze (Vorname | Name | Einheit)

Waffe (Marke | Typ | Kaliber | Seriennummer | Lauf)

Optik (Marke | Typ | Absehen | Korrektur | Montagehöhe)

Zero: _____

von: _____

bis: _____

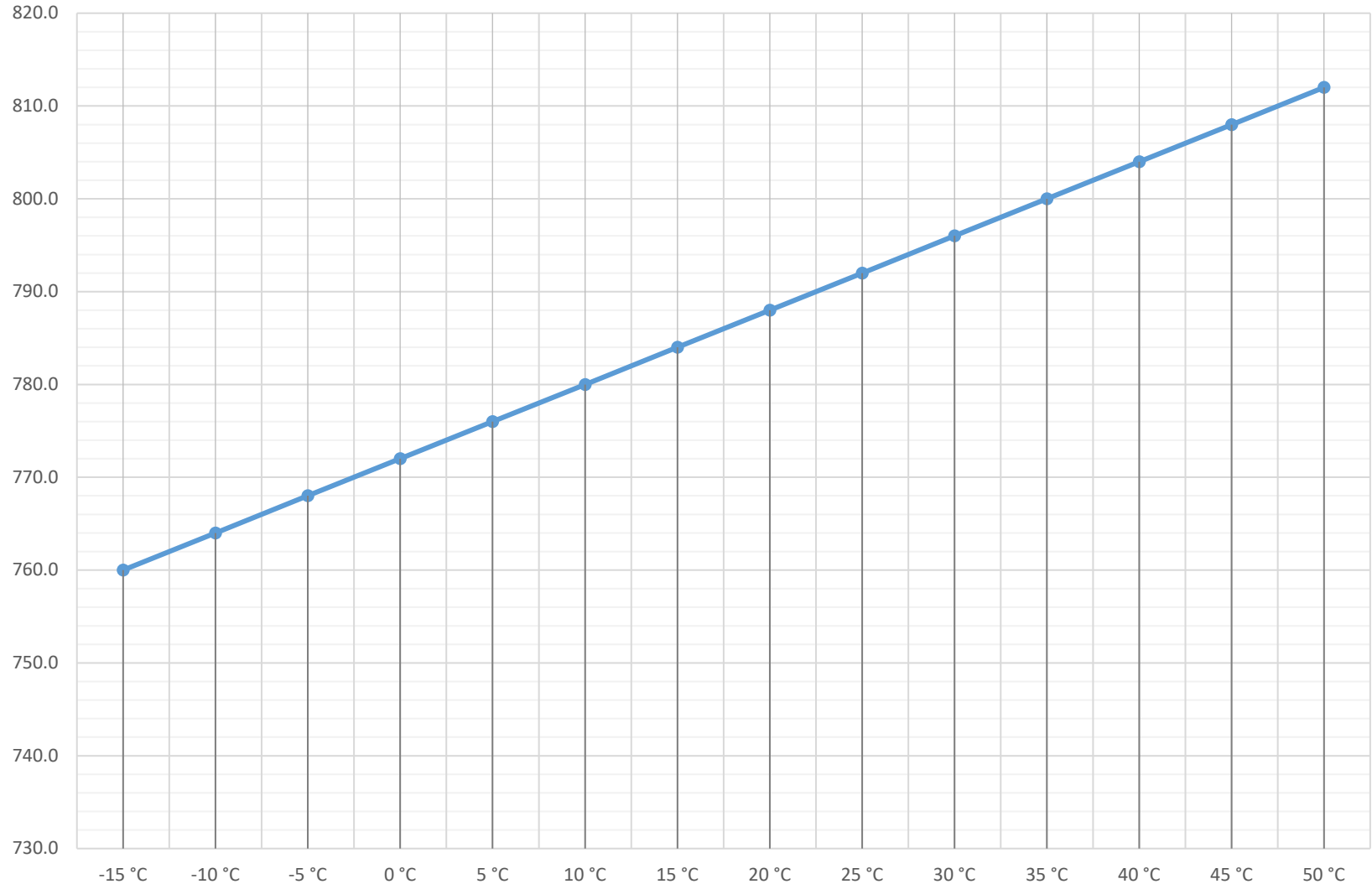
GP11, 7.5 x 55mm

K31 Sniper WD - V0 m/s

10 °C

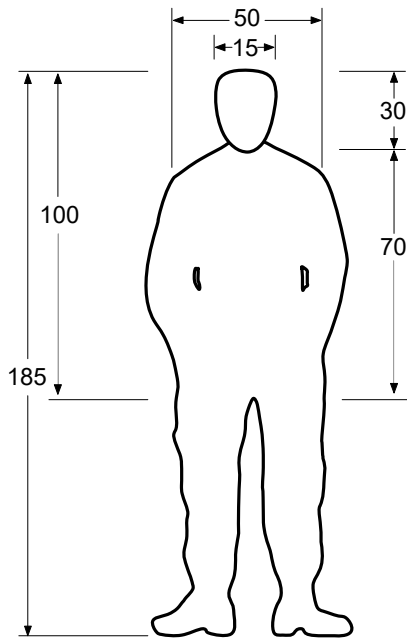
778 m/s

Ammo TEMP	MV @ TEMP (m/s)		
	Basis	Hump	Dämpfer
-15 °C	760.0		
-10 °C	764.0		
-5 °C	768.0		
0 °C	772.0		
5 °C	776.0		
10 °C	780.0		
15 °C	784.0		
20 °C	788.0		
25 °C	792.0		
30 °C	796.0		
35 °C	800.0		
40 °C	804.0		
45 °C	808.0		
50 °C	812.0		
Basiswerte			
10 °C	778.0		



MIL DOT Ranging Data

Human typical in cm



Distance in meters

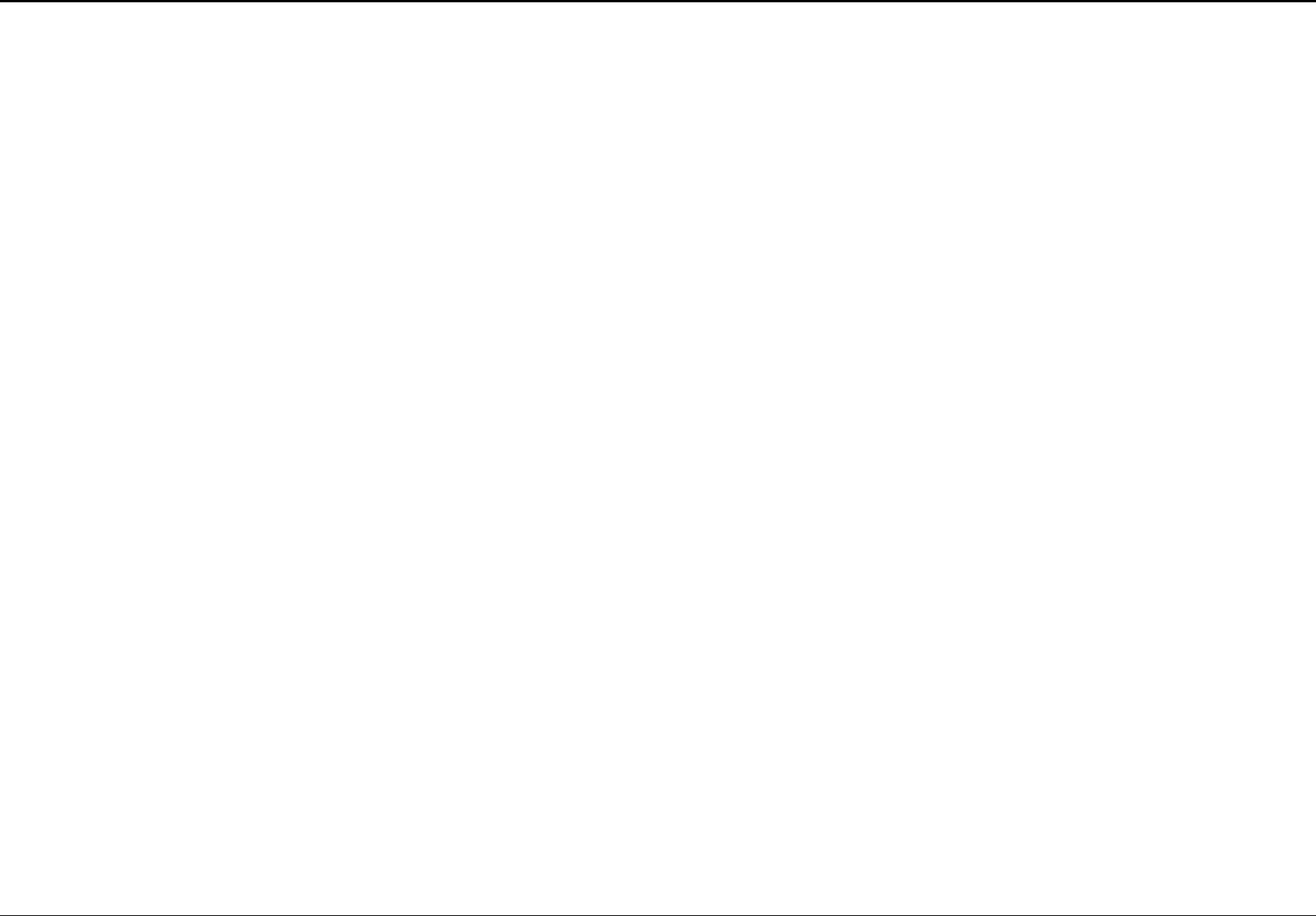
MIL	185	100	70	50	30	15	MIL	185	100	70	50	30	15
10.00	185	100	70	50	30	15	3.75	493	267	187	133	80	40
9.50	195	105	74	53	32	16	3.50	529	286	200	143	86	43
9.00	206	111	78	56	33	17	3.25	569	308	215	154	92	46
8.50	218	118	82	59	35	18	3.00	617	333	233	167	100	50
8.00	231	125	88	63	38	19	2.75	673	364	255	182	109	55
7.50	247	133	93	67	40	20	2.50	740	400	280	200	120	60
7.00	264	143	100	71	43	21	2.25	822	444	311	222	133	67
6.50	285	154	108	77	46	23	2.00	925	500	350	250	150	75
6.00	308	167	117	83	50	25	1.75	1057	571	400	286	171	86
5.50	336	182	127	91	55	27	1.50	1233	667	467	333	200	100
5.00	370	200	140	100	60	30	1.25		800	560	400	240	120
4.75	389	211	147	105	63	32	1.00		1000	700	500	300	150
4.50	411	222	156	111	67	33	0.75		1333	933	667	400	200
4.25	435	235	165	118	71	35	0.50			1400	1000	600	300
4.00	463	250	175	125	75	38	0.25					1200	600

Field Sketch

Koordinaten FFP

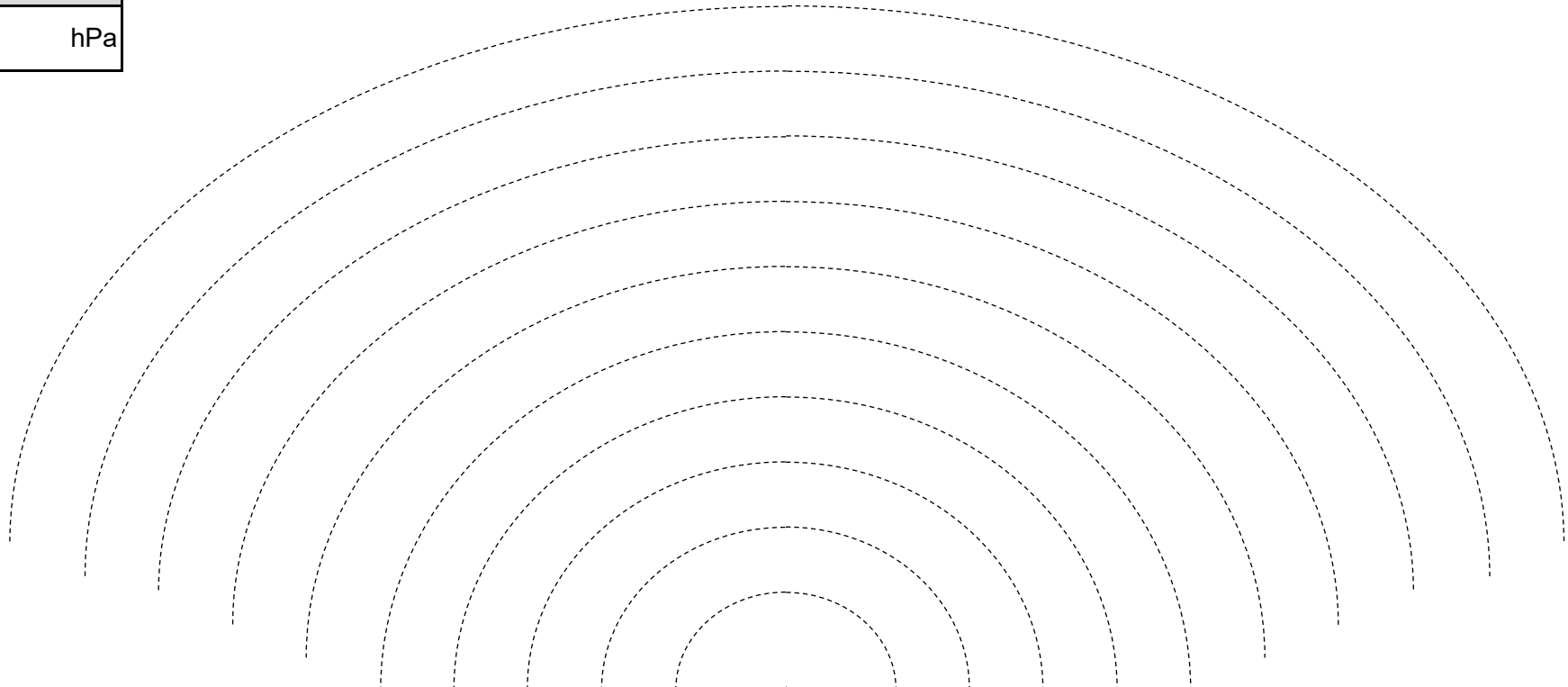


Field Map



Koordinaten FFP	
Höhe üM	Azimuth
m	↑
Bemerkungen	
Zu vermerken sind: - FFP (Final Firing Position) - Höhenprofil - Windzonen - Distanzmesspunkte	

Temp.	Luftdruck
°C	hPa



Distanz																					Distanz
		FFP																			
Sektor / Nr		Ziel / Marke				AHR	TR	Elevation	Sektor / Nr		Ziel / Marke				AHR	TR	Elevation				

Observation Log

Observation Log					
Datum	Zeitraum	Beobachter	Beobachtungspunkt	Objekt	Blatt
L-NR	Zeit	Sicht	Ort	Ereignis	Massnahme Bemerkung

Shooting Card

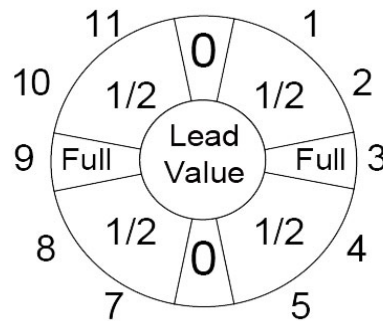
Datum	Zeitraum	FFP Koordinaten				Temp.	Humidität	Luftdruck	Höhe üM	Winkel +/-	Zero	
						°C	%	hPa	m	°	m	
Ziel #	1		2		3		4		5		6	
Name												
AHR	m		m		m		m		m		m	
TR	m		m		m		m		m		m	
Wind	<input type="checkbox"/> leicht <input type="checkbox"/> stark	<input type="checkbox"/> mittel <input type="checkbox"/> windstill	<input type="checkbox"/> leicht <input type="checkbox"/> stark	<input type="checkbox"/> mittel <input type="checkbox"/> windstill	<input type="checkbox"/> leicht <input type="checkbox"/> stark	<input type="checkbox"/> mittel <input type="checkbox"/> windstill	<input type="checkbox"/> leicht <input type="checkbox"/> stark	<input type="checkbox"/> mittel <input type="checkbox"/> windstill	<input type="checkbox"/> leicht <input type="checkbox"/> stark	<input type="checkbox"/> mittel <input type="checkbox"/> windstill	<input type="checkbox"/> leicht <input type="checkbox"/> stark	<input type="checkbox"/> mittel <input type="checkbox"/> windstill
	m/s	○	m/s	○	m/s	○	m/s	○	m/s	○	m/s	○
Mover	m/s	○	m/s	○	m/s	○	m/s	○	m/s	○	m/s	○
Elevation	Initial	Korrektur	Initial	Korrektur	Initial	Korrektur	Initial	Korrektur	Initial	Korrektur	Initial	Korrektur
Windage												
Impact												
Call = X Hit = O												
Schuss/Zeit												

Hold-Off

Distanz	DROP	Distanz	DROP
50		650	
100		675	
150		700	
200		725	
250		750	
300		775	
350		800	
400		825	
450		850	
500		875	
525		900	
550		925	
575		950	
600		975	
625		1000	

Hold-Off

Distanz	4 m/s WIND SPIN	Distanz	3 m/s LEAD
100		100	
200		200	
300		300	
400		400	
500		500	
600		600	
700		700	
800		Patrouille = 0.3 - 0.6 m/s Gehen = 1.0 - 2.0 m/s Rennen = 3.0 - 4.0 m/s	
900			
1000			



Leicht	2	Rauch steigt fast gerade auf. Für das Gefühl schon bemerkbar
Schwach	4	Bewegt Wimpel und Blätter
Mässig	6	Streckt grössere Wimpel, bewegt Zweige
Frisch	8	Für das Gefühl schon unangenehm, bewegt Äste
Stark	10	Heult und pfeift, bewegt auch grössere Äste
Steif	12	Bewegt Baumstämme
Sturm	14	Bewegt grössere Stämme, erschwert das Gehen

HÖHE

Determine TRUE RANGE

TR (m) = Target size (cm) x 10 / MIL
 True Range is used for atmospheric corrections

m

Determine ACTUAL HORIZONTAL RANGE

AHR (m) = cos(Angle of Fire) x TRUE RANGE
 AHR is used for spacial corrections and base gravitational adjustments

m

Determine CORRECTION VALUES | Interpolate exact values from PRIMARY FUNCTIONS:

Barometric Pressure
 (use TR)

MVV / Ammo Temperature
 (use AHR)

Ambient Air Temp
 (use TR)

Vertical Coriolis
 (use AHR)

Humidity Adjustment
 (use TR)

Angle of Fire
 in degrees

SUPER ELEVATION
 (use AHR)
 MIL

Correct for BAROMETRIC PRESSURE

(STD B.P. - MEAS B.P.) / 30 x Corr Value = MIL

mbar

mbar

B.P. low -
 B.P. high +

HOLD OFF
 MIL

INDEXED
 MIL

Correct for MVV / AMMUNITION TEMPERATURE

(STD MV - Corrected MV) / 10 x Corr Value = MIL

m/s

m/s

Faster / Warm -
 Slower / Cool +

MIL

MIL

Correct for AMBIENT AIR TEMPERATURE

(STD AIR TEMP - MEAS AIR TEMP) / 5 x Corr Value = MIL

°C

°C

Warm -
 Cool +

MIL

MIL

Correct for Vertical Coriolis

cos(90°-DOF@N/S) x Corr Value = MIL

Full cos value: due E or W

°

East -
 West +

MIL

MIL

Correct for Humidity

Measured Humidity (% = 0.xx) x Corr Value = MIL

0.(%)

subtract -

MIL

MIL

Determine FINAL Elevation Setting

Add correction values (+ or -) to SUPER ELEVATION

MIL

HOLD OFF

MIL

INDEXED

SEITE

Determine TRUE RANGE

TR (m) = Target size (cm) x 10 / MIL
 True Range is used for atmospheric corrections

m

Determine ACTUAL HORIZONTAL RANGE

AHR (m) = cos(Angle of Fire) x TRUE RANGE
 AHR is used for spacial corrections and base gravitational adjustments

m

Determine CORRECTION VALUES | Interpolate exact values from PRIMARY FUNCTIONS:

Wind Correction
 (use TR)

Spin Drift
 (use TR)

Horizontal Coriolis
 (use AHR)

Target Lead
 (use TR)

Average Windspeed
 (FFP, MAX ORD, TGT)

m/s

°

Correct for Windage Always correct "into" the wind
 Ave Windspeed / 4 x cos(90°-WindAngle@DOF) x Corr Value
 Full value from R / L

Correct for Spin Drift

Correction Value = MIL
 Always adjust LEFT (-) for R hand twist

Correct for Horizontal Coriolis Independent of DOF

Correction Value = MIL

Target Lead

Target speed / 3 x cos(90°-TravelAngle@DOF) x Corr Value
 Lead Full value L / R

m/s

°

TRAVERSE
 HOLD OFF

L -
 R +

MIL

TRAVERSE
 INDEXED

MIL

RH twist L -
 LH twist R +

MIL

MIL

Northern Hemisphere L -
 Southern Hemisphere R +

MIL

MIL

MIL

MIL

MIL

MIL

HOLD OFF

INDEXED

Primary Functions		GP11, 7.5 x 55mm Lauflänge: 652mm (25.65") Montagehöhe: 59mm (2.32") Humidity: 65%						Designated Standards Zero Conditions					
								780 m/s		10 °C		920 mbar	
ELEVATION ADJUSTMENTS										TRAVERSE ADJUSTMENTS			
RANGE	SUPER Elevation	AVE Baro Pressur per 30mbar		AVE Muzzle Velocity per 10m/s		AVE Ambient Air Temp per 5°C		Vertical Coriolis E / W full	Humidity 0-100%	HOLD-OFF Windage 4 m/s	INDEXED Spin Drift	Horizontal Coriolis Drift	Target Lead per 3 m/s
m	MRAD	MRAD	0-100%	MRAD	0-100%	MRAD	0-100%	MRAD	MRAD	MRAD	MRAD	MRAD	MRAD
100	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.0	0.00	4.0
200	-0.6	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.30	0.0	0.01	4.1
300	-1.5	-0.01	0.00	-0.05	0.00	-0.01	0.00	0.01	0.00	0.50	0.1	0.01	4.3
400	-2.6	-0.03	0.00	-0.09	0.01	-0.01	0.01	0.02	0.01	0.70	0.1	0.01	4.4
500	-3.8	-0.04	0.00	-0.10	0.03	-0.02	0.00	0.03	0.01	1.00	0.1	0.01	4.6
600	-5.1	-0.06	0.01	-0.15	0.01	-0.02	0.02	0.04	0.01	1.20	0.1	0.02	4.7
700	-6.6	-0.10	0.00	-0.19	0.01	-0.04	0.02	0.05	0.01	1.50	0.2	0.02	4.9
800	-8.2	-0.14	0.04	-0.25	0.02	-0.06	0.04	0.06	0.04	1.70	0.2	0.03	5.1
900	-10.1	-0.20	0.02	-0.30	0.01	-0.09	0.04	0.08	0.02	2.00	0.2	0.03	5.4
1000	-12.2	-0.29	0.04	-0.38	0.03	-0.12	0.06	0.10	0.05	2.40	0.3	0.04	5.6
1100	-14.6	-0.38	0.08	-0.44	0.04	-0.17	0.07	0.11	0.06	2.70	0.3	0.04	5.9
1200	-17.3	-0.50	0.09	-0.53	0.03	-0.22	0.14	0.13	0.09	3.10	0.4	0.05	6.2
1300	-20.4	-0.64	0.10	-0.63	0.10	-0.28	0.17	0.16	0.12	3.50	0.5	0.05	6.4
1400	-23.8	-0.78	0.14	-0.71	0.13	-0.36	0.19	0.19	0.16	3.80	0.5	0.06	6.7
1500	-27.5	-0.93	0.11	-0.79	0.14	-0.43	0.22	0.22	0.16	4.10	0.6	0.07	6.9

Secondary Functions			GP11, 7.5 x 55mm Lauflänge: 652mm (25.65") Montagehöhe: 59mm (2.32") Humidity: 65%					Designated Standards Zero Conditions						
								780 m/s		10 °C		920 mbar		
SUPPLEMENTAL BALLISTIC INFORMATION														
RANGE	SUPER Elevation		Bullet Drop	Maximum Ordinate				Remaining			FLIGHT TIME	2 m/s WIND Deflection	DANGER SPACE Tgt Radius	
	m	MRAD		MOA	cm	Range		Height		Velocity				Mach
				m	%*RANGE	m	%*DROP	m/s > 600	> 1	Joules				
100	0.0	0.0	0.0	N/A	N/A	N/A	N/A	731	2.168	3020.6	0.13	0.8	0 to 220	
200	-0.6	-2.1	-12.5	118	59%	0.06	-48%	684	2.028	2644.4	0.27	3.5	0 to 272	
300	-1.5	-5.3	-45.9	165	55%	0.19	-41%	639	1.894	2306.6	0.43	8.1	209 to 349	
400	-2.6	-8.9	-103.5	217	54%	0.40	-39%	596	1.765	2003.7	0.59	14.9	355 to 435	
500	-3.8	-13.0	-188.7	270	54%	0.68	-36%	554	1.641	1731.8	0.76	24.1	470 to 526	
600	-5.1	-17.5	-306.0	323	54%	1.03	-34%	513	1.521	1487.8	0.95	35.9	579 to 619	
700	-6.6	-22.6	-460.7	380	54%	1.52	-33%	474	1.405	1269.3	1.15	50.9	684 to 715	
800	-8.2	-28.3	-659.2	438	55%	2.15	-33%	436	1.293	1074.9	1.37	69.2	788 to 812	
900	-10.1	-34.7	-909.3	497	55%	2.94	-32%	400	1.185	903.4	1.61	91.5	891 to 909	
1000	-12.2	-42.0	-1221.1	558	56%	3.94	-32%	365	1.083	754.2	1.87	118.2	993 to 1007	
1100	-14.6	-50.2	-1606.7	622	57%	5.19	-32%	334	0.990	630.4	2.16	149.9	1094 to 1106	
1200	-17.3	-59.6	-2079.8	685	57%	6.75	-32%	316	0.936	563.9	2.47	186.1	1195 to 1204	
1300	-20.4	-70.1	-2651.3	752	58%	8.67	-33%	305	0.903	524.2	2.79	225.1	1296 to 1304	
1400	-23.8	-81.7	-3328.8	818	58%	11.02	-33%	295	0.875	492.0	3.13	266.3	1397 to 1403	
1500	-27.5	-94.4	-4119.6	885	59%	13.82	-34%	287	0.849	463.8	3.47	309.7	1497 to 1503	

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

920 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	4.1	4.0	3.9
150	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.3	0.3	0.2	4.2	4.0	3.9
200	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.4	0.3	0.3	4.2	4.1	4.0
250	-1.2	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	0.1	0.5	0.4	0.4	4.3	4.2	4.0
300	-1.7	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	0.1	0.6	0.5	0.5	4.4	4.2	4.1
350	-2.2	-2.1	-2.1	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	0.1	0.7	0.6	0.6	4.5	4.3	4.2
400	-2.8	-2.7	-2.6	-2.6	-2.5	-2.5	-2.5	-2.4	-2.4	0.1	0.8	0.7	0.7	4.6	4.4	4.2
450	-3.5	-3.3	-3.2	-3.2	-3.1	-3.1	-3.0	-3.0	-2.9	0.1	1.0	0.8	0.7	4.7	4.4	4.3
500	-4.1	-4.0	-3.8	-3.8	-3.7	-3.6	-3.6	-3.5	-3.5	0.1	1.1	0.9	0.8	4.8	4.5	4.4
550	-4.8	-4.7	-4.5	-4.4	-4.3	-4.3	-4.2	-4.1	-4.0	0.1	1.2	1.1	0.9	4.9	4.6	4.5
600	-5.6	-5.4	-5.2	-5.1	-5.0	-4.9	-4.8	-4.7	-4.7	0.1	1.4	1.2	1.0	5.0	4.7	4.5
650	-6.4	-6.2	-5.9	-5.8	-5.7	-5.6	-5.5	-5.4	-5.3	0.2	1.5	1.3	1.2	5.1	4.8	4.6
700	-7.3	-7.0	-6.7	-6.6	-6.5	-6.3	-6.2	-6.1	-6.0	0.2	1.7	1.4	1.3	5.2	4.9	4.7
750	-8.2	-7.8	-7.5	-7.4	-7.2	-7.1	-7.0	-6.8	-6.7	0.2	1.8	1.5	1.4	5.3	5.0	4.8
800	-9.1	-8.8	-8.4	-8.2	-8.1	-7.9	-7.8	-7.6	-7.5	0.2	2.0	1.7	1.5	5.4	5.1	4.9
850	-10.2	-9.7	-9.3	-9.1	-9.0	-8.8	-8.6	-8.4	-8.3	0.2	2.2	1.8	1.6	5.6	5.2	5.0
900	-11.3	-10.8	-10.3	-10.1	-9.9	-9.7	-9.5	-9.3	-9.1	0.2	2.4	2.0	1.8	5.7	5.3	5.1
950	-12.5	-11.9	-11.4	-11.1	-10.9	-10.6	-10.4	-10.2	-10.0	0.3	2.6	2.1	1.9	5.9	5.4	5.2
1000	-13.8	-13.1	-12.5	-12.2	-11.9	-11.7	-11.4	-11.2	-10.9	0.3	2.8	2.3	2.0	6.0	5.5	5.3

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

950 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	4.1	4.0	3.9
150	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.3	0.3	0.2	4.2	4.0	3.9
200	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.4	0.4	0.3	4.3	4.1	4.0
250	-1.2	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	0.1	0.5	0.4	0.4	4.3	4.2	4.1
300	-1.7	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	0.1	0.6	0.5	0.5	4.4	4.2	4.1
350	-2.2	-2.2	-2.1	-2.1	-2.0	-2.0	-2.0	-1.9	-1.9	0.1	0.8	0.6	0.6	4.5	4.3	4.2
400	-2.8	-2.7	-2.7	-2.6	-2.6	-2.5	-2.5	-2.4	-2.4	0.1	0.9	0.8	0.7	4.6	4.4	4.3
450	-3.5	-3.4	-3.3	-3.2	-3.1	-3.1	-3.0	-3.0	-2.9	0.1	1.0	0.9	0.8	4.7	4.5	4.3
500	-4.2	-4.0	-3.9	-3.8	-3.8	-3.7	-3.6	-3.6	-3.5	0.1	1.1	1.0	0.9	4.8	4.6	4.4
550	-4.9	-4.7	-4.6	-4.5	-4.4	-4.3	-4.2	-4.2	-4.1	0.1	1.3	1.1	1.0	4.9	4.6	4.5
600	-5.7	-5.5	-5.3	-5.2	-5.1	-5.0	-4.9	-4.8	-4.7	0.1	1.4	1.2	1.1	5.0	4.7	4.6
650	-6.5	-6.3	-6.0	-5.9	-5.8	-5.7	-5.6	-5.5	-5.4	0.2	1.6	1.3	1.2	5.1	4.8	4.7
700	-7.4	-7.1	-6.8	-6.7	-6.6	-6.4	-6.3	-6.2	-6.1	0.2	1.7	1.5	1.3	5.3	4.9	4.7
750	-8.3	-8.0	-7.7	-7.5	-7.4	-7.2	-7.1	-6.9	-6.8	0.2	1.9	1.6	1.4	5.4	5.0	4.8
800	-9.3	-8.9	-8.6	-8.4	-8.2	-8.1	-7.9	-7.7	-7.6	0.2	2.1	1.8	1.6	5.5	5.1	4.9
850	-10.4	-9.9	-9.5	-9.3	-9.1	-8.9	-8.8	-8.6	-8.4	0.2	2.3	1.9	1.7	5.7	5.3	5.0
900	-11.6	-11.0	-10.5	-10.3	-10.1	-9.9	-9.7	-9.5	-9.3	0.2	2.5	2.1	1.8	5.8	5.4	5.1
950	-12.8	-12.2	-11.6	-11.4	-11.1	-10.9	-10.6	-10.4	-10.2	0.3	2.7	2.2	2.0	6.0	5.5	5.2
1000	-14.2	-13.5	-12.8	-12.5	-12.2	-11.9	-11.7	-11.4	-11.1	0.3	2.9	2.4	2.1	6.1	5.6	5.3

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

980 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	4.1	4.0	3.9
150	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	0.0	0.3	0.3	0.2	4.2	4.0	3.9
200	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.4	0.4	0.3	4.3	4.1	4.0
250	-1.2	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	0.1	0.5	0.5	0.4	4.3	4.2	4.1
300	-1.7	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	0.1	0.7	0.6	0.5	4.4	4.3	4.1
350	-2.3	-2.2	-2.1	-2.1	-2.0	-2.0	-2.0	-1.9	-1.9	0.1	0.8	0.7	0.6	4.5	4.3	4.2
400	-2.9	-2.8	-2.7	-2.6	-2.6	-2.5	-2.5	-2.5	-2.4	0.1	0.9	0.8	0.7	4.6	4.4	4.3
450	-3.5	-3.4	-3.3	-3.2	-3.2	-3.1	-3.1	-3.0	-3.0	0.1	1.0	0.9	0.8	4.7	4.5	4.4
500	-4.2	-4.1	-3.9	-3.9	-3.8	-3.7	-3.7	-3.6	-3.5	0.1	1.2	1.0	0.9	4.8	4.6	4.4
550	-5.0	-4.8	-4.6	-4.5	-4.4	-4.4	-4.3	-4.2	-4.1	0.1	1.3	1.1	1.0	4.9	4.7	4.5
600	-5.8	-5.5	-5.3	-5.2	-5.1	-5.0	-5.0	-4.9	-4.8	0.1	1.5	1.3	1.1	5.1	4.8	4.6
650	-6.6	-6.3	-6.1	-6.0	-5.9	-5.8	-5.7	-5.6	-5.5	0.2	1.6	1.4	1.3	5.2	4.9	4.7
700	-7.5	-7.2	-6.9	-6.8	-6.7	-6.5	-6.4	-6.3	-6.2	0.2	1.8	1.5	1.4	5.3	5.0	4.8
750	-8.5	-8.1	-7.8	-7.6	-7.5	-7.3	-7.2	-7.1	-6.9	0.2	2.0	1.7	1.5	5.4	5.1	4.9
800	-9.5	-9.1	-8.7	-8.5	-8.4	-8.2	-8.0	-7.9	-7.7	0.2	2.2	1.8	1.6	5.6	5.2	5.0
850	-10.6	-10.2	-9.7	-9.5	-9.3	-9.1	-8.9	-8.7	-8.5	0.2	2.4	2.0	1.8	5.7	5.3	5.1
900	-11.8	-11.3	-10.8	-10.5	-10.3	-10.1	-9.9	-9.6	-9.4	0.2	2.6	2.2	1.9	5.9	5.4	5.2
950	-13.1	-12.5	-11.9	-11.6	-11.4	-11.1	-10.9	-10.6	-10.4	0.3	2.8	2.3	2.1	6.1	5.6	5.3
1000	-14.5	-13.8	-13.1	-12.8	-12.5	-12.2	-11.9	-11.7	-11.4	0.3	3.0	2.5	2.2	6.2	5.7	5.4

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

1010 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	4.1	4.0	3.9
150	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	0.0	0.3	0.3	0.3	4.2	4.0	3.9
200	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.4	0.4	0.3	4.3	4.1	4.0
250	-1.2	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	0.1	0.6	0.5	0.4	4.4	4.2	4.1
300	-1.7	-1.7	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	0.1	0.7	0.6	0.5	4.5	4.3	4.1
350	-2.3	-2.2	-2.1	-2.1	-2.1	-2.0	-2.0	-2.0	-1.9	0.1	0.8	0.7	0.6	4.6	4.3	4.2
400	-2.9	-2.8	-2.7	-2.7	-2.6	-2.6	-2.5	-2.5	-2.4	0.1	0.9	0.8	0.7	4.7	4.4	4.3
450	-3.6	-3.4	-3.3	-3.3	-3.2	-3.1	-3.1	-3.0	-3.0	0.1	1.1	0.9	0.8	4.8	4.5	4.4
500	-4.3	-4.1	-4.0	-3.9	-3.8	-3.8	-3.7	-3.6	-3.6	0.1	1.2	1.0	0.9	4.9	4.6	4.5
550	-5.0	-4.8	-4.7	-4.6	-4.5	-4.4	-4.3	-4.3	-4.2	0.1	1.4	1.2	1.1	5.0	4.7	4.5
600	-5.8	-5.6	-5.4	-5.3	-5.2	-5.1	-5.0	-4.9	-4.8	0.1	1.5	1.3	1.2	5.1	4.8	4.6
650	-6.7	-6.4	-6.2	-6.1	-6.0	-5.8	-5.7	-5.6	-5.5	0.2	1.7	1.5	1.3	5.2	4.9	4.7
700	-7.6	-7.3	-7.0	-6.9	-6.8	-6.6	-6.5	-6.4	-6.2	0.2	1.9	1.6	1.4	5.4	5.0	4.8
750	-8.6	-8.3	-7.9	-7.8	-7.6	-7.5	-7.3	-7.2	-7.0	0.2	2.1	1.7	1.6	5.5	5.1	4.9
800	-9.7	-9.3	-8.9	-8.7	-8.5	-8.3	-8.2	-8.0	-7.8	0.2	2.3	1.9	1.7	5.7	5.3	5.0
850	-10.9	-10.4	-9.9	-9.7	-9.5	-9.3	-9.1	-8.9	-8.7	0.2	2.5	2.1	1.8	5.8	5.4	5.1
900	-12.1	-11.6	-11.0	-10.8	-10.5	-10.3	-10.1	-9.8	-9.6	0.2	2.7	2.3	2.0	6.0	5.5	5.2
950	-13.5	-12.8	-12.2	-11.9	-11.6	-11.4	-11.1	-10.8	-10.6	0.3	2.9	2.4	2.2	6.2	5.7	5.4
1000	-15.0	-14.2	-13.5	-13.1	-12.8	-12.5	-12.2	-11.9	-11.6	0.3	3.2	2.6	2.3	6.3	5.8	5.5

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

890 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	4.1	3.9	3.9
150	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.3	0.2	0.2	4.2	4.0	3.9
200	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.4	0.3	0.3	4.2	4.1	4.0
250	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	0.1	0.5	0.4	0.4	4.3	4.1	4.0
300	-1.7	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	-1.4	0.1	0.6	0.5	0.5	4.4	4.2	4.1
350	-2.2	-2.1	-2.1	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	0.1	0.7	0.6	0.5	4.5	4.3	4.2
400	-2.8	-2.7	-2.6	-2.6	-2.5	-2.5	-2.4	-2.4	-2.4	0.1	0.8	0.7	0.6	4.6	4.4	4.2
450	-3.4	-3.3	-3.2	-3.1	-3.1	-3.0	-3.0	-2.9	-2.9	0.1	0.9	0.8	0.7	4.6	4.4	4.3
500	-4.1	-3.9	-3.8	-3.7	-3.7	-3.6	-3.5	-3.5	-3.4	0.1	1.1	0.9	0.8	4.7	4.5	4.4
550	-4.8	-4.6	-4.4	-4.4	-4.3	-4.2	-4.1	-4.1	-4.0	0.1	1.2	1.0	0.9	4.8	4.6	4.4
600	-5.5	-5.3	-5.1	-5.0	-4.9	-4.9	-4.8	-4.7	-4.6	0.1	1.3	1.1	1.0	4.9	4.7	4.5
650	-6.3	-6.1	-5.8	-5.7	-5.6	-5.5	-5.4	-5.3	-5.2	0.2	1.5	1.2	1.1	5.0	4.8	4.6
700	-7.1	-6.9	-6.6	-6.5	-6.4	-6.2	-6.1	-6.0	-5.9	0.2	1.6	1.4	1.2	5.1	4.8	4.7
750	-8.0	-7.7	-7.4	-7.3	-7.1	-7.0	-6.9	-6.7	-6.6	0.2	1.7	1.5	1.3	5.3	4.9	4.7
800	-9.0	-8.6	-8.3	-8.1	-7.9	-7.8	-7.6	-7.5	-7.3	0.2	1.9	1.6	1.4	5.4	5.0	4.8
850	-10.0	-9.6	-9.2	-9.0	-8.8	-8.6	-8.4	-8.3	-8.1	0.2	2.1	1.7	1.6	5.5	5.1	4.9
900	-11.0	-10.6	-10.1	-9.9	-9.7	-9.5	-9.3	-9.1	-8.9	0.2	2.2	1.9	1.7	5.6	5.2	5.0
950	-12.2	-11.6	-11.1	-10.9	-10.6	-10.4	-10.2	-10.0	-9.8	0.3	2.4	2.0	1.8	5.8	5.4	5.1
1000	-13.4	-12.8	-12.2	-11.9	-11.7	-11.4	-11.2	-10.9	-10.7	0.3	2.6	2.2	1.9	5.9	5.5	5.2

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

860 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	4.1	3.9	3.9
150	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.3	0.2	0.2	4.1	4.0	3.9
200	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.4	0.3	0.3	4.2	4.1	4.0
250	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	0.1	0.5	0.4	0.4	4.3	4.1	4.0
300	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	-1.4	0.1	0.6	0.5	0.4	4.4	4.2	4.1
350	-2.2	-2.1	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	-1.9	0.1	0.7	0.6	0.5	4.5	4.3	4.1
400	-2.8	-2.7	-2.6	-2.5	-2.5	-2.5	-2.4	-2.4	-2.3	0.1	0.8	0.7	0.6	4.5	4.3	4.2
450	-3.4	-3.3	-3.2	-3.1	-3.1	-3.0	-3.0	-2.9	-2.9	0.1	0.9	0.8	0.7	4.6	4.4	4.3
500	-4.0	-3.9	-3.8	-3.7	-3.6	-3.6	-3.5	-3.5	-3.4	0.1	1.0	0.9	0.8	4.7	4.5	4.3
550	-4.7	-4.5	-4.4	-4.3	-4.2	-4.2	-4.1	-4.0	-4.0	0.1	1.1	1.0	0.9	4.8	4.6	4.4
600	-5.4	-5.2	-5.1	-5.0	-4.9	-4.8	-4.7	-4.6	-4.6	0.1	1.3	1.1	1.0	4.9	4.6	4.5
650	-6.2	-6.0	-5.8	-5.7	-5.6	-5.5	-5.4	-5.3	-5.2	0.2	1.4	1.2	1.1	5.0	4.7	4.5
700	-7.0	-6.8	-6.5	-6.4	-6.3	-6.2	-6.0	-5.9	-5.8	0.2	1.5	1.3	1.2	5.1	4.8	4.6
750	-7.9	-7.6	-7.3	-7.1	-7.0	-6.9	-6.8	-6.6	-6.5	0.2	1.7	1.4	1.3	5.2	4.9	4.7
800	-8.8	-8.4	-8.1	-8.0	-7.8	-7.7	-7.5	-7.4	-7.2	0.2	1.8	1.5	1.4	5.3	5.0	4.8
850	-9.8	-9.4	-9.0	-8.8	-8.6	-8.5	-8.3	-8.1	-8.0	0.2	2.0	1.7	1.5	5.4	5.1	4.9
900	-10.8	-10.3	-9.9	-9.7	-9.5	-9.3	-9.1	-8.9	-8.8	0.2	2.1	1.8	1.6	5.6	5.2	5.0
950	-11.9	-11.4	-10.9	-10.6	-10.4	-10.2	-10.0	-9.8	-9.6	0.3	2.3	1.9	1.7	5.7	5.3	5.0
1000	-13.1	-12.5	-11.9	-11.7	-11.4	-11.2	-10.9	-10.7	-10.5	0.3	2.5	2.1	1.8	5.8	5.4	5.1

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

830 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	4.1	3.9	3.9
150	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.3	0.2	0.2	4.1	4.0	3.9
200	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.4	0.3	0.3	4.2	4.1	4.0
250	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-0.9	0.1	0.4	0.4	0.4	4.3	4.1	4.0
300	-1.6	-1.6	-1.5	-1.5	-1.5	-1.4	-1.4	-1.4	-1.4	0.1	0.5	0.5	0.4	4.4	4.2	4.1
350	-2.2	-2.1	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	-1.8	0.1	0.6	0.6	0.5	4.4	4.2	4.1
400	-2.7	-2.6	-2.6	-2.5	-2.5	-2.4	-2.4	-2.4	-2.3	0.1	0.7	0.6	0.6	4.5	4.3	4.2
450	-3.3	-3.2	-3.1	-3.1	-3.0	-3.0	-2.9	-2.9	-2.8	0.1	0.9	0.7	0.7	4.6	4.4	4.2
500	-4.0	-3.8	-3.7	-3.7	-3.6	-3.5	-3.5	-3.4	-3.4	0.1	1.0	0.8	0.7	4.7	4.5	4.3
550	-4.7	-4.5	-4.3	-4.3	-4.2	-4.1	-4.1	-4.0	-3.9	0.1	1.1	0.9	0.8	4.8	4.5	4.4
600	-5.4	-5.2	-5.0	-4.9	-4.8	-4.7	-4.7	-4.6	-4.5	0.1	1.2	1.0	0.9	4.9	4.6	4.4
650	-6.1	-5.9	-5.7	-5.6	-5.5	-5.4	-5.3	-5.2	-5.1	0.2	1.3	1.1	1.0	4.9	4.7	4.5
700	-6.9	-6.6	-6.4	-6.3	-6.2	-6.1	-6.0	-5.9	-5.7	0.2	1.5	1.2	1.1	5.0	4.8	4.6
750	-7.7	-7.4	-7.2	-7.0	-6.9	-6.8	-6.7	-6.5	-6.4	0.2	1.6	1.4	1.2	5.1	4.8	4.7
800	-8.6	-8.3	-8.0	-7.8	-7.7	-7.5	-7.4	-7.2	-7.1	0.2	1.7	1.5	1.3	5.2	4.9	4.7
850	-9.6	-9.2	-8.8	-8.6	-8.5	-8.3	-8.2	-8.0	-7.8	0.2	1.9	1.6	1.4	5.4	5.0	4.8
900	-10.6	-10.1	-9.7	-9.5	-9.3	-9.1	-9.0	-8.8	-8.6	0.2	2.0	1.7	1.5	5.5	5.1	4.9
950	-11.6	-11.1	-10.6	-10.4	-10.2	-10.0	-9.8	-9.6	-9.4	0.3	2.2	1.8	1.6	5.6	5.2	5.0
1000	-12.7	-12.2	-11.6	-11.4	-11.1	-10.9	-10.7	-10.5	-10.2	0.3	2.4	2.0	1.8	5.7	5.3	5.1

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
Montagehöhe: 59mm (2.32") | Humidity: 65%

800 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	4.1	3.9	3.8
150	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.2	0.2	0.2	4.1	4.0	3.9
200	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.3	0.3	0.3	4.2	4.0	3.9
250	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.9	0.1	0.4	0.4	0.3	4.3	4.1	4.0
300	-1.6	-1.6	-1.5	-1.5	-1.5	-1.4	-1.4	-1.4	-1.4	0.1	0.5	0.5	0.4	4.3	4.2	4.1
350	-2.1	-2.1	-2.0	-2.0	-1.9	-1.9	-1.9	-1.9	-1.8	0.1	0.6	0.5	0.5	4.4	4.2	4.1
400	-2.7	-2.6	-2.5	-2.5	-2.5	-2.4	-2.4	-2.3	-2.3	0.1	0.7	0.6	0.6	4.5	4.3	4.2
450	-3.3	-3.2	-3.1	-3.0	-3.0	-2.9	-2.9	-2.8	-2.8	0.1	0.8	0.7	0.6	4.6	4.4	4.2
500	-3.9	-3.8	-3.7	-3.6	-3.6	-3.5	-3.4	-3.4	-3.3	0.1	0.9	0.8	0.7	4.6	4.4	4.3
550	-4.6	-4.4	-4.3	-4.2	-4.1	-4.1	-4.0	-3.9	-3.9	0.1	1.0	0.9	0.8	4.7	4.5	4.4
600	-5.3	-5.1	-4.9	-4.8	-4.8	-4.7	-4.6	-4.5	-4.4	0.1	1.2	1.0	0.9	4.8	4.6	4.4
650	-6.0	-5.8	-5.6	-5.5	-5.4	-5.3	-5.2	-5.1	-5.0	0.2	1.3	1.1	1.0	4.9	4.6	4.5
700	-6.8	-6.5	-6.3	-6.2	-6.1	-6.0	-5.9	-5.8	-5.7	0.2	1.4	1.2	1.1	5.0	4.7	4.5
750	-7.6	-7.3	-7.1	-6.9	-6.8	-6.7	-6.6	-6.4	-6.3	0.2	1.5	1.3	1.2	5.1	4.8	4.6
800	-8.5	-8.1	-7.8	-7.7	-7.5	-7.4	-7.3	-7.1	-7.0	0.2	1.7	1.4	1.3	5.2	4.9	4.7
850	-9.4	-9.0	-8.6	-8.5	-8.3	-8.2	-8.0	-7.9	-7.7	0.2	1.8	1.5	1.4	5.3	5.0	4.8
900	-10.3	-9.9	-9.5	-9.3	-9.1	-9.0	-8.8	-8.6	-8.5	0.2	1.9	1.6	1.5	5.4	5.1	4.8
950	-11.3	-10.9	-10.4	-10.2	-10.0	-9.8	-9.6	-9.4	-9.2	0.3	2.1	1.8	1.6	5.5	5.1	4.9
1000	-12.4	-11.9	-11.4	-11.1	-10.9	-10.7	-10.5	-10.3	-10.0	0.3	2.2	1.9	1.7	5.6	5.2	5.0

K31 Sniper WD

GP11, 7.5 x 55mm | Lauflänge: 652mm (25.65")
 Montagehöhe: 59mm (2.32") | Humidity: 65%

770 mbar

Target RANGE (m)	AHR (Actual Horizontal Range)									TR (True Range)						
	Bullet Drop (MRAD) MVV @ Air/Ammo Temperature									Spin Drift	WIND 4 m/s (MRAD)			LEAD 3 m/s (MRAD)		
	-15°C	-5°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C		Air/Ammo Temperature			Air/Ammo Temperature		
	760.0	768.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	15°C	-15°C	15°C	35°C	-15°C	15°C	35°C
50	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.1	0.1	0.1	4.0	3.9	3.8
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	4.1	3.9	3.8
150	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.2	0.2	0.2	4.1	4.0	3.9
200	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.0	0.3	0.3	0.3	4.2	4.0	3.9
250	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.9	0.1	0.4	0.4	0.3	4.3	4.1	4.0
300	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	-1.4	-1.4	0.1	0.5	0.4	0.4	4.3	4.2	4.0
350	-2.1	-2.1	-2.0	-2.0	-1.9	-1.9	-1.9	-1.8	-1.8	0.1	0.6	0.5	0.5	4.4	4.2	4.1
400	-2.7	-2.6	-2.5	-2.5	-2.4	-2.4	-2.4	-2.3	-2.3	0.1	0.7	0.6	0.5	4.5	4.3	4.2
450	-3.3	-3.2	-3.1	-3.0	-3.0	-2.9	-2.9	-2.8	-2.8	0.1	0.8	0.7	0.6	4.5	4.3	4.2
500	-3.9	-3.8	-3.6	-3.6	-3.5	-3.5	-3.4	-3.3	-3.3	0.1	0.9	0.8	0.7	4.6	4.4	4.3
550	-4.5	-4.4	-4.2	-4.2	-4.1	-4.0	-4.0	-3.9	-3.8	0.1	1.0	0.9	0.8	4.7	4.5	4.3
600	-5.2	-5.0	-4.9	-4.8	-4.7	-4.6	-4.5	-4.5	-4.4	0.1	1.1	0.9	0.8	4.8	4.5	4.4
650	-5.9	-5.7	-5.5	-5.4	-5.3	-5.2	-5.2	-5.1	-5.0	0.2	1.2	1.0	0.9	4.9	4.6	4.4
700	-6.7	-6.4	-6.2	-6.1	-6.0	-5.9	-5.8	-5.7	-5.6	0.2	1.3	1.1	1.0	4.9	4.7	4.5
750	-7.5	-7.2	-6.9	-6.8	-6.7	-6.6	-6.5	-6.3	-6.2	0.2	1.4	1.2	1.1	5.0	4.8	4.6
800	-8.3	-8.0	-7.7	-7.6	-7.4	-7.3	-7.2	-7.0	-6.9	0.2	1.6	1.3	1.2	5.1	4.8	4.6
850	-9.2	-8.8	-8.5	-8.3	-8.2	-8.0	-7.9	-7.7	-7.6	0.2	1.7	1.4	1.3	5.2	4.9	4.7
900	-10.1	-9.7	-9.3	-9.1	-9.0	-8.8	-8.6	-8.5	-8.3	0.2	1.8	1.6	1.4	5.3	5.0	4.8
950	-11.1	-10.6	-10.2	-10.0	-9.8	-9.6	-9.4	-9.2	-9.1	0.3	2.0	1.7	1.5	5.4	5.1	4.9
1000	-12.1	-11.6	-11.1	-10.9	-10.7	-10.5	-10.2	-10.0	-9.8	0.3	2.1	1.8	1.6	5.5	5.2	4.9