

## CENTERFIRE P&R BALLISTICS

CARTRIDGE	LINE	INDEX/ EDI NO.	SKU	WT (GR)	BULLET STYLE	Sight Height	Zero Range	VELOCITY (FPS)			ENERGY (FT-LB)			TRAJECTORY (Inches)	
								MUZZLE	25yd	50yd	MUZZLE	25yd	50yd	25yd	50yd
380 Auto	TAC-XP Defense	BPD380A1	21552	80	TAC-XP	0.9	25	990	948	911	174	160	147	0.0	-1.5
9mm Luger	VOR-TX Handgun	BB9MM1	32005	115	TAC-XP	0.9	25	1125	1079	1040	323	297	276	0.0	-1.0
9mm Luger+P ‡	TAC-XP Defense	BPD9MM1	21551	115	TAC-XP	0.9	25	1125	1079	1040	323	297	276	0.0	-1.0
357 Mag	TAC-XP Defense	BPD357M2	21550	125	TAC-XP	0.9	25	1200	1140	1089	400	361	330	0.0	-0.8
	VOR-TX Handgun	BB357M2	21543	140	XPB	0.9	25	1265	1192	1130	498	442	397	0.0	-0.6
	Pioneer	P357M2	32141	140	XPB	0.9	25	1280	1205	1141	509	452	405	0.0	-0.6
	Pioneer	P357M1	32140	180	JHP	0.9	25	1225	1173	1128	600	550	509	0.0	-0.7
40 S&W	TAC-XP Defense	BPD40SW1	21554	140	TAC-XP	0.9	25	1120	1066	1018	394	353	323	0.0	-1.0
40 S&W	VOR-TX Handgun	BB40SW1	32006	140	TAC-XP	0.9	25	1120	1066	1018	394	353	323	0.0	-1.0
10mm Auto	VOR-TX Handgun	BB10MMA1	31180	155	XPB	0.9	25	1150	1105	1067	455	421	392	0.0	-0.9
41 Remington Mag	VOR-TX Handgun	BB41MAG1	22037	180	XPB	0.9	25	1520	1403	1298	924	787	673	0.0	-0.2
44 Remington Mag	VOR-TX Handgun	BB44MAG1	21545 †	225	XPB	0.9	25	1275	1207	1148	812	728	659	0.0	-0.6
45 Auto	VOR-TX Handgun	BB45AU1	32007	185	TAC-XP	0.9	25	1060	1023	992	462	430	404	0.0	-1.2
45 Auto+P ‡	TAC-XP Defense	BPD45AP1	21555	185	TAC-XP	0.9	25	1100	1058	1021	497	460	429	0.0	-1.0
45 Colt	VOR-TX Handgun	BB45CLT1	21547	200	XPB	0.9	25	1025	983	947	467	429	398	0.0	-1.4
	Pioneer	P45CLT2	32143	200	XPB	0.9	25	850	827	805	321	304	288	0.0	-2.3
	Pioneer	P45CLT1	32142	250	JHP	0.9	25								
454 Casull	VOR-TX Handgun	BB454CAS1	22024	250	XPB	0.9	25	1700	1582	1472	1605	1390	1203	0.0	0.0

USE ONLY IN FIREARMS DESIGNATED FOR THIS CARTRIDGE AND SO RECOMMENDED BY THE MANUFACTURER.

SPECIFICATIONS ARE NOMINAL BALLISTICS FIGURES ESTABLISHED IN TEST BARRELS. INDIVIDUAL FIREARM MAY VARY FROM TEST BARREL RESULTS.

0.0 INDICATES YARDAGE AT WHICH FIREARM WAS SIGHTED IN

\* TEST BARREL LENGTH IN INCHES

\*\* VENTED BARREL

‡ AMMUNITION WITH "+P" ON THE CASE HEADSTAMP IS LOADED TO HIGHER PRESSURE. USE ONLY IN FIREARMS DESIGNATED FOR THIS CARTRIDGE AND SO RECOMMENDED BY THE GUN MANUFACTURER.

† RAMAC #21545, REQUIRES A 1:20" TWIST RATE OR FASTER FOR OPTIMUM ACCURACY.

	TAC-XP Defense
	VOR-TX Handgun
	Pioneer

**Edits:**

- AS 10/31/18 Added EDITS section
- AS 10/31/18 Added footnote callouts (\*\*) for vented barrels
- AS 10/31/18 Edited footnote reference (†) for twist rate requirement and updated wording
- AS 10/31/18 Updated +P designations
- CDC 1/5/2021 Added Vor-TX HG for 9mm,380,40, and 45 Acp.
- cdc 8/9/2022 Updated MV on 45 ACP loads.
- CDC 1/24/2023 Updated MV on 44 Mag from 1235 to 1275 to match ATR and Packaging.
- 3.9.23- Added 357 Mag & 45 Colt Pioneer loads.

BARREL LENGTH*	BALLISTIC COEFFICIENT
2	0.107
4	0.167
4	0.167
2**	0.160
4**	0.151
6	0.151
6	0.200
4	0.128
4	0.128
6	0.189
6**	0.126
7½**	0.166
5	0.167
5	0.167
6**	0.130
6	0.130
7½**	0.141