

# TACOM HQ™

## Command Results



# Alpha TARAC®

## Enhanced Weapons and Range Guide

V4.0.B

### 25 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
10.0"   250mm	5.56 55gr	20 x 40	7.5	400	480	490	520
10.0"   250mm	5.56 M855	20 x 40	7.5	360	450	460	490
10.0"   250mm	5.56 M855A1	20 x 40	7.5	370	460	470	510
10.0"   250mm	5.56 77gr SMK	20 x 40	7.5	360	450	460	500
10.0"   250mm	5.56 77gr TMK	20 x 40	7.5	370	460	470	510
11.0"   280mm	5.56 55gr	20 x 40	7.5	400	480	490	520
11.0"   280mm	5.56 M855	20 x 40	7.5	380	470	480	510
11.0"   280mm	5.56 M855A1	20 x 40	7.5	380	490	500	530
11.0"   280mm	5.56 77gr SMK	20 x 40	7.5	370	460	470	510
11.0"   280mm	5.56 77gr TMK	20 x 40	7.5	380	480	490	530
12.0"   300mm	5.56 55gr	20 x 40	7.5	410	500	510	540
12.0"   300mm	5.56 M855	20 x 40	7.5	400	490	500	540
12.0"   300mm	5.56 M855A1	20 x 40	7.5	410	520	530	560
12.0"   300mm	5.56 77gr SMK	20 x 40	7.5	380	480	490	530
12.0"   300mm	5.56 77gr TMK	20 x 40	7.5	390	500	510	550
13.0"   330mm	5.56 55gr	20 x 40	7.5	420	510	520	550
13.0"   330mm	5.56 M855	20 x 40	7.5	410	500	510	550
13.0"   330mm	5.56 M855A1	20 x 40	7.5	420	530	540	570
13.0"   330mm	5.56 77gr SMK	20 x 40	7.5	390	490	500	540
13.0"   330mm	5.56 77gr TMK	20 x 40	7.5	400	510	520	560

<sup>1</sup>Ranges in meters

## 25 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
14.0"   360mm	5.56 55gr	20 x 40	7.5	430	530	540	570
14.0"   360mm	5.56 M855	20 x 40	7.5	420	520	530	570
14.0"   360mm	5.56 M855A1	20 x 40	7.5	440	550	560	590
14.0"   360mm	5.56 77gr TMK	20 x 40	7.5	400	500	510	550
14.0"   360mm	5.56 77gr SMK	20 x 40	7.5	410	520	530	570
15.0"   380mm	5.56 55gr	20 x 40	7.5	440	530	540	580
15.0"   380mm	5.56 M855	20 x 40	7.5	430	540	550	590
15.0"   380mm	5.56 M855A1	20 x 40	7.5	450	560	570	610
15.0"   380mm	5.56 77gr SMK	20 x 40	7.5	410	510	520	560
15.0"   380mm	5.56 77gr TMK	20 x 40	7.5	410	530	540	580
16.0"   410mm	5.56 55gr	20 x 40	6.0	450	520	530	570
16.0"   410mm	5.56 M855	20 x 40	6.0	450	540	550	590
16.0"   410mm	5.56 M855A1	20 x 40	6.0	470	560	570	600
16.0"   410mm	5.56 77gr SMK	20 x 40	7.5	420	520	530	570
16.0"   410mm	5.56 77gr TMK	20 x 40	7.5	430	540	550	590
16.0"   410mm	6.5 120gr	20 x 40	6.0	490	530	540	590
16.0"   410mm	6.5 130gr	20 x 40	6.0	440	540	550	600
16.0"   410mm	6.5 140gr	20 x 40	7.5	410	530	540	590
16.0"   410mm	6.5 147gr	20 x 40	7.5	410	540	550	600

<sup>1</sup>Ranges in meters

## 25 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
16.0"   410mm	7.62 147gr	20 x 40	7.5	430	540	550	590
16.0"   410mm	7.62 168gr	20 x 40	7.5	390	500	510	550
16.0"   410mm	7.62 175gr	20 x 40	7.5	400	500	510	550
17.0"   430mm	5.56 55gr	20 x 40	6.0	460	530	540	580
17.0"   430mm	5.56 M855	20 x 40	6.0	460	550	560	600
17.0"   430mm	5.56 M855A1	20 x 40	6.0	470	570	580	610
17.0"   430mm	5.56 77gr SMK	20 x 40	7.5	420	530	540	580
17.0"   430mm	5.56 77gr TMK	20 x 40	7.5	430	550	560	590
17.0"   430mm	6.5 120gr	20 x 40	6.0	430	540	550	600
17.0"   430mm	6.5 130gr	20 x 40	6.0	440	550	560	610
17.0"   430mm	6.5 140gr	20 x 40	7.5	420	530	540	600
17.0"   430mm	6.5 147gr	20 x 40	7.5	430	550	560	610
17.0"   430mm	7.62 147gr	20 x 40	7.5	440	550	560	590
17.0"   430mm	7.62 168gr	20 x 40	7.5	400	510	520	560
17.0"   430mm	7.62 175gr	20 x 40	7.5	400	510	520	560
18.0"   460mm	5.56 55gr	20 x 40	6.0	460	540	550	590
18.0"   460mm	5.56 M855	20 x 40	6.0	470	550	560	610
18.0"   460mm	5.56 M855A1	20 x 40	6.0	480	580	590	630

<sup>1</sup>Ranges in meters

### 25 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
18.0"   460mm	5.56 77gr SMK	20 x 40	7.5	430	540	550	590
18.0"   460mm	5.56 77gr TMK	20 x 40	6.0	440	530	540	590
18.0"   460mm	6.5 120gr	20 x 40	6.0	440	550	560	610
18.0"   460mm	6.5 130gr	20 x 40	6.0	450	560	570	620
18.0"   460mm	6.5 140gr	20 x 40	6.0	430	530	540	580
18.0"   460mm	6.5 147gr	20 x 40	6.0	430	530	540	600
18.0"   460mm	7.62 147gr	20 x 40	6.0	440	530	540	590
18.0"   460mm	7.62 168gr	20 x 40	7.5	410	520	530	570
18.0"   460mm	7.62 175gr	20 x 40	7.5	410	520	530	570
19.0"   480mm	5.56 55gr	20 x 40	6.0	470	540	550	590
19.0"   480mm	5.56 M855	20 x 40	6.0	470	560	570	610
19.0"   480mm	5.56 M855A1	20 x 40	6.0	480	580	590	630
19.0"   480mm	5.56 77gr SMK	20 x 40	7.5	430	540	550	580
19.0"   480mm	5.56 77gr TMK	20 x 40	6.0	450	540	550	600
19.0"   480mm	6.5 120gr	20 x 40	6.0	440	550	560	610
19.0"   480mm	6.5 130gr	20 x 40	6.0	450	560	570	630
19.0"   480mm	6.5 140gr	20 x 40	6.0	440	540	550	600
19.0"   480mm	6.5 147gr	20 x 40	6.0	440	540	550	610
19.0"   480mm	7.62 147gr	20 x 40	6.0	440	540	550	590
19.0"   480mm	7.62 168gr	20 x 40	7.5	410	520	530	570
19.0"   480mm	7.62 175gr	20 x 40	7.5	410	520	530	570

<sup>1</sup>Ranges in meters

### 25 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
20.0"   510mm	5.56 55gr	20 x 40	6.0	470	550	560	600
20.0"   510mm	5.56 M855	20 x 40	6.0	470	570	580	620
20.0"   510mm	5.56 M855A1	20 x 40	6.0	490	590	600	630
20.0"   510mm	5.56 77gr SMK	20 x 40	7.5	440	550	560	600
20.0"   510mm	5.56 77gr TMK	20 x 40	6.0	460	550	560	610
20.0"   510mm	6.5 120gr	20 x 40	6.0	450	560	570	620
20.0"   510mm	6.5 130gr	20 x 40	6.0	460	570	580	630
20.0"   510mm	6.5 140gr	20 x 40	6.0	440	540	550	610
20.0"   510mm	6.5 147gr	20 x 40	6.0	450	550	560	620
20.0"   510mm	7.62 147gr	20 x 40	6.0	450	550	560	600
20.0"   510mm	7.62 168gr	20 x 40	7.5	420	530	540	580
20.0"   510mm	7.62 175gr	20 x 40	7.5	420	530	540	580

<sup>1</sup>Ranges in meters

### 33 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
10.0"   250mm	5.56 55gr	20 x 40	9.0	360	460	470	500
10.0"   250mm	5.56 M855	20 x 40	9.0	330	440	450	480
10.0"   250mm	5.56 M855A1	20 x 40	9.0	340	450	460	500
10.0"   250mm	5.56 77gr SMK	20 x 40	9.0	330	440	450	490
10.0"   250mm	5.56 77gr TMK	20 x 40	9.0	340	450	460	490
11.0"   280mm	5.56 55gr	20 x 40	9.0	360	470	480	510
11.0"   280mm	5.56 M855	20 x 40	9.0	350	460	470	510
11.0"   280mm	5.56 M855A1	20 x 40	9.0	360	480	490	520
11.0"   280mm	5.56 77gr SMK	20 x 40	9.0	340	450	460	500
11.0"   280mm	5.56 77gr TMK	20 x 40	9.0	340	460	470	510
12.0"   300mm	5.56 55gr	20 x 40	7.5	370	470	480	510
12.0"   300mm	5.56 M855	20 x 40	7.5	370	460	470	510
12.0"   300mm	5.56 M855A1	20 x 40	7.5	380	480	490	530
12.0"   300mm	5.56 77gr SMK	20 x 40	7.5	350	450	460	500
12.0"   300mm	5.56 77gr TMK	20 x 40	7.5	360	460	470	510
13.0"   330mm	5.56 55gr	20 x 40	7.5	390	480	490	530
13.0"   330mm	5.56 M855	20 x 40	7.5	380	460	470	510
13.0"   330mm	5.56 M855A1	20 x 40	7.5	390	490	500	540
13.0"   330mm	5.56 77gr SMK	20 x 40	7.5	360	470	480	530
13.0"   330mm	5.56 77gr TMK	20 x 40	7.5	370	470	480	530

<sup>1</sup>Ranges in meters

### 33 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
14.0"   360mm	5.56 55gr	20 x 40	7.5	400	500	510	540
14.0"   360mm	5.56 M855	20 x 40	7.5	380	490	500	540
14.0"   360mm	5.56 M855A1	20 x 40	7.5	400	510	520	560
14.0"   360mm	5.56 77gr SMK	20 x 40	7.5	360	460	470	530
14.0"   360mm	5.56 77gr TMK	20 x 40	7.5	370	480	490	540
15.0"   380mm	5.56 55gr	20 x 40	7.5	400	500	510	550
15.0"   380mm	5.56 M855	20 x 40	7.5	400	500	510	550
15.0"   380mm	5.56 M855A1	20 x 40	7.5	410	530	540	580
15.0"   380mm	5.56 77gr TMK	20 x 40	7.5	370	470	480	530
15.0"   380mm	5.56 77gr SMK	20 x 40	7.5	380	490	500	540
16.0"   410mm	5.56 55gr	20 x 40	7.5	410	510	520	560
16.0"   410mm	5.56 M855	20 x 40	7.5	410	520	530	580
16.0"   410mm	5.56 M855A1	20 x 40	7.5	420	550	560	600
16.0"   410mm	5.56 77gr SMK	20 x 40	7.5	370	480	490	530
16.0"   410mm	5.56 77gr TMK	20 x 40	7.5	380	490	500	550
16.0"   410mm	6.5 120gr	20 x 40	7.5	380	500	510	570
16.0"   410mm	6.5 130gr	20 x 40	7.5	390	520	530	580
16.0"   410mm	6.5 140gr	20 x 40	7.5	370	490	500	550
16.0"   410mm	6.5 147gr	20 x 40	7.5	370	490	500	560

<sup>1</sup>Ranges in meters



### 33 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
16.0"   410mm	7.62 147gr	20 x 40	7.5	380	490	500	540
16.0"   410mm	7.62 168gr	20 x 40	7.5	350	450	460	500
16.0"   410mm	7.62 175gr	20 x 40	7.5	350	460	470	520
17.0"   430mm	5.56 55gr	20 x 40	7.5	420	530	540	570
17.0"   430mm	5.56 M855	20 x 40	7.5	420	530	540	590
17.0"   430mm	5.56 M855A1	20 x 40	7.5	430	550	560	610
17.0"   430mm	5.56 77gr SMK	20 x 40	7.5	380	490	500	540
17.0"   430mm	5.56 77gr TMK	20 x 40	7.5	390	500	510	560
17.0"   430mm	6.5 120gr	20 x 40	7.5	390	510	520	570
17.0"   430mm	6.5 130gr	20 x 40	7.5	400	520	530	590
17.0"   430mm	6.5 140gr	20 x 40	7.5	370	490	500	560
17.0"   430mm	6.5 147gr	20 x 40	7.5	380	500	510	560
17.0"   430mm	7.62 147gr	20 x 40	7.5	390	500	510	560
17.0"   430mm	7.62 168gr	20 x 40	7.5	360	460	470	520
17.0"   430mm	7.62 175gr	20 x 40	7.5	360	460	470	520
18.0"   460mm	5.56 55gr	20 x 40	7.5	420	530	540	580
18.0"   460mm	5.56 M855	20 x 40	7.5	420	540	550	590
18.0"   460mm	5.56 M855A1	20 x 40	7.5	430	560	570	610

<sup>1</sup>Ranges in meters

### 33 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
18.0"   460mm	5.56 77gr SMK	20 x 40	7.5	380	490	500	550
18.0"   460mm	5.56 77gr TMK	20 x 40	7.5	390	510	520	570
18.0"   460mm	6.5 120gr	20 x 40	7.5	400	520	530	580
18.0"   460mm	6.5 130gr	20 x 40	7.5	400	530	540	590
18.0"   460mm	6.5 140gr	20 x 40	7.5	380	500	510	560
18.0"   460mm	6.5 147gr	20 x 40	7.5	380	510	520	570
18.0"   460mm	7.62 147gr	20 x 40	7.5	390	510	520	570
18.0"   460mm	7.62 168gr	20 x 40	7.5	360	470	480	520
18.0"   460mm	7.62 175gr	20 x 40	7.5	360	470	480	530
19.0"   480mm	5.56 55gr	20 x 40	7.5	430	540	550	580
19.0"   480mm	5.56 M855	20 x 40	7.5	420	540	550	600
19.0"   480mm	5.56 M855A1	20 x 40	7.5	440	570	580	620
19.0"   480mm	5.56 77gr SMK	20 x 40	7.5	390	500	510	560
19.0"   480mm	5.56 77gr TMK	20 x 40	7.5	400	520	530	580
19.0"   480mm	6.5 120gr	20 x 40	7.5	400	530	540	590
19.0"   480mm	6.5 130gr	20 x 40	7.5	400	530	540	600
19.0"   480mm	6.5 140gr	20 x 40	7.5	380	510	520	570
19.0"   480mm	6.5 147gr	20 x 40	7.5	390	510	520	580
19.0"   480mm	7.62 147gr	20 x 40	7.5	400	520	530	570
19.0"   480mm	7.62 168gr	20 x 40	7.5	370	480	490	540
19.0"   480mm	7.62 175gr	20 x 40	7.5	370	480	490	540

<sup>1</sup>Ranges in meters

### 33 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
20.0"   510mm	5.56 55gr	20 x 40	7.5	430	540	550	590
20.0"   510mm	5.56 M855	20 x 40	7.5	430	550	560	600
20.0"   510mm	5.56 M855A1	20 x 40	7.5	440	570	580	620
20.0"   510mm	5.56 77gr SMK	20 x 40	7.5	390	510	520	560
20.0"   510mm	5.56 77gr TMK	20 x 40	7.5	400	530	540	580
20.0"   510mm	6.5 120gr	20 x 40	7.5	410	540	550	600
20.0"   510mm	6.5 130gr	20 x 40	7.5	410	540	550	610
20.0"   510mm	6.5 140gr	20 x 40	7.5	390	510	520	580
20.0"   510mm	6.5 147gr	20 x 40	7.5	390	530	540	590
20.0"   510mm	7.62 147gr	20 x 40	7.5	350	520	530	580
20.0"   510mm	7.62 168gr	20 x 40	7.5	370	480	490	540
20.0"   510mm	7.62 175gr	20 x 40	7.5	370	480	490	540

<sup>1</sup>Ranges in meters

### 50 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
10.0"   250mm	5.56 55gr	20 x 40	9.0	330	430	430	480
10.0"   250mm	5.56 M855	20 x 40	9.0	310	410	410	460
10.0"   250mm	5.56 M855A1	20 x 40	9.0	310	420	420	470
10.0"   250mm	5.56 77gr SMK	20 x 40	9.0	300	410	410	460
10.0"   250mm	5.56 77gr TMK	20 x 40	9.0	310	420	420	460
11.0"   280mm	5.56 55gr	20 x 40	9.0	340	440	440	490
11.0"   280mm	5.56 M855	20 x 40	9.0	320	430	430	480
11.0"   280mm	5.56 M855A1	20 x 40	9.0	320	440	440	490
11.0"   280mm	5.56 77gr SMK	20 x 40	9.0	310	420	420	470
11.0"   280mm	5.56 77gr TMK	20 x 40	9.0	310	430	430	480
12.0"   300mm	5.56 55gr	20 x 40	9.0	340	450	450	500
12.0"   300mm	5.56 M855	20 x 40	9.0	330	450	450	500
12.0"   300mm	5.56 M855A1	20 x 40	9.0	340	470	470	520
12.0"   300mm	5.56 77gr SMK	20 x 40	9.0	320	430	430	490
12.0"   300mm	5.56 77gr TMK	20 x 40	9.0	320	450	450	500
13.0"   330mm	5.56 55gr	20 x 40	7.5	350	460	460	510
13.0"   330mm	5.56 M855	20 x 40	7.5	340	470	470	500
13.0"   330mm	5.56 M855A1	20 x 40	7.5	350	470	470	520
13.0"   330mm	5.56 77gr SMK	20 x 40	9.0	320	440	440	500
13.0"   330mm	5.56 77gr TMK	20 x 40	9.0	320	460	460	510

<sup>1</sup>Ranges in meters

### 50 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
14.0"   360mm	5.56 55gr	20 x 40	7.5	360	460	460	510
14.0"   360mm	5.56 M855	20 x 40	7.5	350	450	450	510
14.0"   360mm	5.56 M855A1	20 x 40	7.5	360	470	470	530
14.0"   360mm	5.56 77gr SMK	20 x 40	9.0	330	450	450	510
14.0"   360mm	5.56 77gr TMK	20 x 40	9.0	330	470	470	520
15.0"   380mm	5.56 55gr	20 x 40	7.5	370	470	470	520
15.0"   380mm	5.56 M855	20 x 40	7.5	370	460	460	520
15.0"   380mm	5.56 M855A1	20 x 40	7.5	370	480	480	540
15.0"   380mm	5.56 77gr TMK	20 x 40	9.0	330	460	460	510
15.0"   380mm	5.56 77gr SMK	20 x 40	9.0	330	470	470	530
16.0"   410mm	5.56 55gr	20 x 40	7.5	370	480	480	530
16.0"   410mm	5.56 M855	20 x 40	7.5	370	480	480	540
16.0"   410mm	5.56 M855A1	20 x 40	7.5	380	500	500	560
16.0"   410mm	5.56 77gr SMK	20 x 40	7.5	340	440	440	500
16.0"   410mm	5.56 77gr TMK	20 x 40	7.5	340	450	450	520
16.0"   410mm	6.5 120gr	20 x 40	7.5	340	460	460	530
16.0"   410mm	6.5 130gr	20 x 40	7.5	350	470	470	540
16.0"   410mm	6.5 140gr	20 x 40	7.5	330	450	450	510
16.0"   410mm	6.5 147gr	20 x 40	7.5	330	450	450	520

<sup>1</sup>Ranges in meters

### 50 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
16.0"   410mm	7.62 147gr	20 x 40	7.5	340	450	450	520
16.0"   410mm	7.62 168gr	20 x 40	9.0	320	440	440	500
16.0"   410mm	7.62 175gr	20 x 40	9.0	320	450	450	510
17.0"   430mm	5.56 55gr	20 x 40	7.5	380	490	490	540
17.0"   430mm	5.56 M855	20 x 40	7.5	380	490	490	550
17.0"   430mm	5.56 M855A1	20 x 40	7.5	380	510	510	570
17.0"   430mm	5.56 77gr SMK	20 x 40	7.5	340	460	460	520
17.0"   430mm	5.56 77gr TMK	20 x 40	7.5	340	470	470	530
17.0"   430mm	6.5 120gr	20 x 40	7.5	340	470	470	530
17.0"   430mm	6.5 130gr	20 x 40	7.5	350	470	470	540
17.0"   430mm	6.5 140gr	20 x 40	7.5	330	450	450	520
17.0"   430mm	6.5 147gr	20 x 40	7.5	340	460	460	520
17.0"   430mm	7.62 147gr	20 x 40	7.5	340	470	470	520
17.0"   430mm	7.62 168gr	20 x 40	9.0	320	450	450	510
17.0"   430mm	7.62 175gr	20 x 40	9.0	320	460	460	510
18.0"   460mm	5.56 55gr	20 x 40	7.5	380	490	490	550
18.0"   460mm	5.56 M855	20 x 40	7.5	380	500	500	560
18.0"   460mm	5.56 M855A1	20 x 40	7.5	390	520	520	580

<sup>1</sup>Ranges in meters

### 50 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
18.0"   460mm	5.56 77gr SMK	20 x 40	7.5	350	460	460	520
18.0"   460mm	5.56 77gr TMK	20 x 40	7.5	350	470	470	530
18.0"   460mm	6.5 120gr	20 x 40	7.5	350	480	480	540
18.0"   460mm	6.5 130gr	20 x 40	7.5	360	480	480	550
18.0"   460mm	6.5 140gr	20 x 40	7.5	340	460	460	520
18.0"   460mm	6.5 147gr	20 x 40	7.5	340	460	460	530
18.0"   460mm	7.62 147gr	20 x 40	7.5	350	470	470	520
18.0"   460mm	7.62 168gr	20 x 40	9.0	330	460	460	520
18.0"   460mm	7.62 175gr	20 x 40	9.0	330	460	460	520
19.0"   480mm	5.56 55gr	20 x 40	7.5	390	500	500	550
19.0"   480mm	5.56 M855	20 x 40	7.5	380	500	500	560
19.0"   480mm	5.56 M855A1	20 x 40	7.5	390	520	520	580
19.0"   480mm	5.56 77gr SMK	20 x 40	7.5	350	460	460	520
19.0"   480mm	5.56 77gr TMK	20 x 40	7.5	350	470	470	530
19.0"   480mm	6.5 120gr	20 x 40	7.5	350	480	480	550
19.0"   480mm	6.5 130gr	20 x 40	7.5	360	490	490	550
19.0"   480mm	6.5 140gr	20 x 40	7.5	340	460	460	530
19.0"   480mm	6.5 147gr	20 x 40	7.5	350	470	470	540
19.0"   480mm	7.62 147gr	20 x 40	7.5	340	480	480	530
19.0"   480mm	7.62 168gr	20 x 40	9.0	330	460	460	530
19.0"   480mm	7.62 175gr	20 x 40	9.0	330	470	470	520

<sup>1</sup>Ranges in meters

### 50 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
20.0"   510mm	5.56 55gr	20 x 40	7.5	390	500	500	560
20.0"   510mm	5.56 M855	20 x 40	7.5	380	510	510	570
20.0"   510mm	5.56 M855A1	20 x 40	7.5	400	530	530	590
20.0"   510mm	5.56 77gr SMK	20 x 40	7.5	350	470	470	530
20.0"   510mm	5.56 77gr TMK	20 x 40	7.5	360	480	480	530
20.0"   510mm	6.5 120gr	20 x 40	7.5	360	490	490	560
20.0"   510mm	6.5 130gr	20 x 40	7.5	360	500	500	560
20.0"   510mm	6.5 140gr	20 x 40	7.5	350	470	470	540
20.0"   510mm	6.5 147gr	20 x 40	7.5	350	480	480	550
20.0"   510mm	7.62 147gr	20 x 40	7.5	360	480	480	540
20.0"   510mm	7.62 168gr	20 x 40	9.0	340	470	470	530
20.0"   510mm	7.62 175gr	20 x 40	9.0	330	470	470	530

<sup>1</sup>Ranges in meters



### 100 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
10.0"   250mm	5.56 55gr	20 x 40	9.0	310	430	440	460
10.0"   250mm	5.56 M855	20 x 40	9.0	290	400	410	440
10.0"   250mm	5.56 M855A1	20 x 40	9.0	300	410	420	460
10.0"   250mm	5.56 77gr SMK	20 x 40	9.0	290	400	410	450
10.0"   250mm	5.56 77gr TMK	20 x 40	9.0	300	410	420	460
11.0"   280mm	5.56 55gr	20 x 40	9.0	310	430	440	470
11.0"   280mm	5.56 M855	20 x 40	9.0	310	420	430	470
11.0"   280mm	5.56 M855A1	20 x 40	9.0	310	430	440	480
11.0"   280mm	5.56 77gr SMK	20 x 40	9.0	290	410	420	460
11.0"   280mm	5.56 77gr TMK	20 x 40	9.0	300	420	430	470
12.0"   300mm	5.56 55gr	20 x 40	9.0	320	440	450	480
12.0"   300mm	5.56 M855	20 x 40	9.0	310	440	450	480
12.0"   300mm	5.56 M855A1	20 x 40	9.0	320	450	460	500
12.0"   300mm	5.56 77gr SMK	20 x 40	9.0	300	420	430	470
12.0"   300mm	5.56 77gr TMK	20 x 40	9.0	310	430	440	490
13.0"   330mm	5.56 55gr	20 x 40	9.0	330	460	470	500
13.0"   330mm	5.56 M855	20 x 40	9.0	320	450	460	500
13.0"   330mm	5.56 M855A1	20 x 40	9.0	330	460	470	510
13.0"   330mm	5.56 77gr SMK	20 x 40	9.0	300	430	440	480
13.0"   330mm	5.56 77gr TMK	20 x 40	9.0	310	440	450	500

<sup>1</sup>Ranges in meters

### 100 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
14.0"   360mm	5.56 55gr	20 x 40	9.0	340	470	480	510
14.0"   360mm	5.56 M855	20 x 40	9.0	330	460	470	510
14.0"   360mm	5.56 M855A1	20 x 40	9.0	330	480	490	520
14.0"   360mm	5.56 77gr SMK	20 x 40	9.0	310	440	450	490
14.0"   360mm	5.56 77gr TMK	20 x 40	9.0	320	450	460	510
15.0"   380mm	5.56 55gr	20 x 40	9.0	340	470	480	520
15.0"   380mm	5.56 M855	20 x 40	9.0	330	470	480	520
15.0"   380mm	5.56 M855A1	20 x 40	9.0	340	490	500	540
15.0"   380mm	5.56 77gr TMK	20 x 40	9.0	320	450	460	490
15.0"   380mm	5.56 77gr SMK	20 x 40	9.0	320	460	470	510
16.0"   410mm	5.56 55gr	20 x 40	7.5	340	460	470	510
16.0"   410mm	5.56 M855	20 x 40	7.5	340	470	480	520
16.0"   410mm	5.56 M855A1	20 x 40	7.5	350	490	500	540
16.0"   410mm	5.56 77gr SMK	20 x 40	9.0	320	460	470	500
16.0"   410mm	5.56 77gr TMK	20 x 40	9.0	320	470	480	520
16.0"   410mm	6.5 120gr	20 x 40	9.0	330	480	490	530
16.0"   410mm	6.5 130gr	20 x 40	9.0	330	490	500	540
16.0"   410mm	6.5 140gr	20 x 40	9.0	320	470	480	520
16.0"   410mm	6.5 147gr	20 x 40	9.0	320	470	480	530

<sup>1</sup>Ranges in meters

### 100 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
16.0"   410mm	7.62 147gr	20 x 40	9.0	320	460	470	510
16.0"   410mm	7.62 168gr	20 x 40	9.0	310	440	450	480
16.0"   410mm	7.62 175gr	20 x 40	9.0	310	440	450	490
17.0"   430mm	5.56 55gr	20 x 40	7.5	350	470	480	520
17.0"   430mm	5.56 M855	20 x 40	7.5	350	470	480	530
17.0"   430mm	5.56 M855A1	20 x 40	7.5	350	490	500	540
17.0"   430mm	5.56 77gr SMK	20 x 40	9.0	320	460	470	500
17.0"   430mm	5.56 77gr TMK	20 x 40	9.0	320	470	480	520
17.0"   430mm	6.5 120gr	20 x 40	9.0	330	480	490	530
17.0"   430mm	6.5 130gr	20 x 40	9.0	340	500	510	550
17.0"   430mm	6.5 140gr	20 x 40	9.0	320	470	480	530
17.0"   430mm	6.5 147gr	20 x 40	9.0	320	480	490	530
17.0"   430mm	7.62 147gr	20 x 40	9.0	330	460	470	520
17.0"   430mm	7.62 168gr	20 x 40	9.0	310	450	460	490
17.0"   430mm	7.62 175gr	20 x 40	9.0	310	450	460	500
18.0"   460mm	5.56 55gr	20 x 40	7.5	350	480	490	530
18.0"   460mm	5.56 M855	20 x 40	7.5	350	480	490	530
18.0"   460mm	5.56 M855A1	20 x 40	7.5	360	500	510	550

<sup>1</sup>Ranges in meters

### 100 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center®		Aim Top TGT	
				Yds x1.1		Yds x1.1	
18.0"   460mm	5.56 77gr SMK	20 x 40	9.0	330	470	480	510
18.0"   460mm	5.56 77gr TMK	20 x 40	9.0	330	480	490	530
18.0"   460mm	6.5 120gr	20 x 40	9.0	330	490	500	540
18.0"   460mm	6.5 130gr	20 x 40	9.0	340	500	510	550
18.0"   460mm	6.5 140gr	20 x 40	9.0	320	480	490	530
18.0"   460mm	6.5 147gr	20 x 40	9.0	330	490	500	540
18.0"   460mm	7.62 147gr	20 x 40	9.0	330	470	480	530
18.0"   460mm	7.62 168gr	20 x 40	9.0	310	460	470	500
18.0"   460mm	7.62 175gr	20 x 40	9.0	310	460	470	500
19.0"   480mm	5.56 55gr	20 x 40	7.5	360	480	490	530
19.0"   480mm	5.56 M855	20 x 40	7.5	350	490	500	530
19.0"   480mm	5.56 M855A1	20 x 40	7.5	360	500	510	550
19.0"   480mm	5.56 77gr SMK	20 x 40	9.0	330	470	480	520
19.0"   480mm	5.56 77gr TMK	20 x 40	9.0	330	480	490	530
19.0"   480mm	6.5 120gr	20 x 40	9.0	340	490	500	540
19.0"   480mm	6.5 130gr	20 x 40	9.0	340	500	510	550
19.0"   480mm	6.5 140gr	20 x 40	9.0	330	490	500	540
19.0"   480mm	6.5 147gr	20 x 40	9.0	330	490	500	540
19.0"   480mm	7.62 147gr	20 x 40	9.0	330	470	480	530
19.0"   480mm	7.62 168gr	20 x 40	9.0	320	460	470	510
19.0"   480mm	7.62 175gr	20 x 40	9.0	320	460	470	510

<sup>1</sup>Ranges in meters

### 100 m Zero

Barrel Length	Cartridge	Target (In)	Alpha TARAC®	Aim Center® Yds x1.1		Aim Top TGT Yds x1.1	
20.0"   510mm	5.56 55gr	20 x 40	7.5	360	490	500	530
20.0"   510mm	5.56 M855	20 x 40	7.5	360	490	500	540
20.0"   510mm	5.56 M855A1	20 x 40	7.5	360	500	510	560
20.0"   510mm	5.56 77gr SMK	20 x 40	9.0	330	470	480	530
20.0"   510mm	5.56 77gr TMK	20 x 40	9.0	340	490	500	540
20.0"   510mm	6.5 120gr	20 x 40	9.0	340	490	500	550
20.0"   510mm	6.5 130gr	20 x 40	9.0	340	500	510	550
20.0"   510mm	6.5 140gr	20 x 40	9.0	330	490	500	540
20.0"   510mm	6.5 147gr	20 x 40	9.0	330	500	510	550
20.0"   510mm	7.62 147gr	20 x 40	9.0	340	480	490	540
20.0"   510mm	7.62 168gr	20 x 40	9.0	320	470	480	510
20.0"   510mm	7.62 175gr	20 x 40	9.0	320	460	470	510

<sup>1</sup>Ranges in meters

# Notes

