

GPA Par System

An Overview of Its Practical Use

Here are 3 stages that have been used in Level 3 matches, from simple to fairly complex stages, with the results shown as a comparison. We'll apply the PAR calculator to them and describe the how and why for each.

Example 1 (See stage design on next page)

The first is a seated stage, gun on the table, hands on knees, reloads on person. The non-threats in front of the shooter are positioned so that the 2 end targets are not visible without shifting to one side or the other. The targets are 7 yards from the seat. The center of the 5 threats is unobstructed by the non-threats and the 2 left or right of center target have the edge of the non-threat in line with the edge of the head – they only cover 1” of the down zero on the one side of the targets.

Even though the gun is on the table, the “draw” is the same 1.0 sec.

1 reload required, 15 shots, no position changes, no style shots.

The complexity factor could be debated. Keep in mind, however, that this is for top-level shooters and the non-threats are largely a non-issue for them. As far as the shifting in the seat for target acquisition, they would start leaning to one side and during reload shift to the opposite side to grab their mag and acquire the final target(s). With a Complexity Factor (CF) of zero, 4 shooters out of 144 made Platinum. Knowing who these shooters are, the numbers match the estimated results.

Example 1

START POSITION:

Starting position, SD74 needs start centered on the chair - your back is against the backrest of the chair. Gun loaded as it would be in your holster, place of emphasis on the table. Targets on 6 feet. All rounds on one person.

STAGE PROCEDURE:

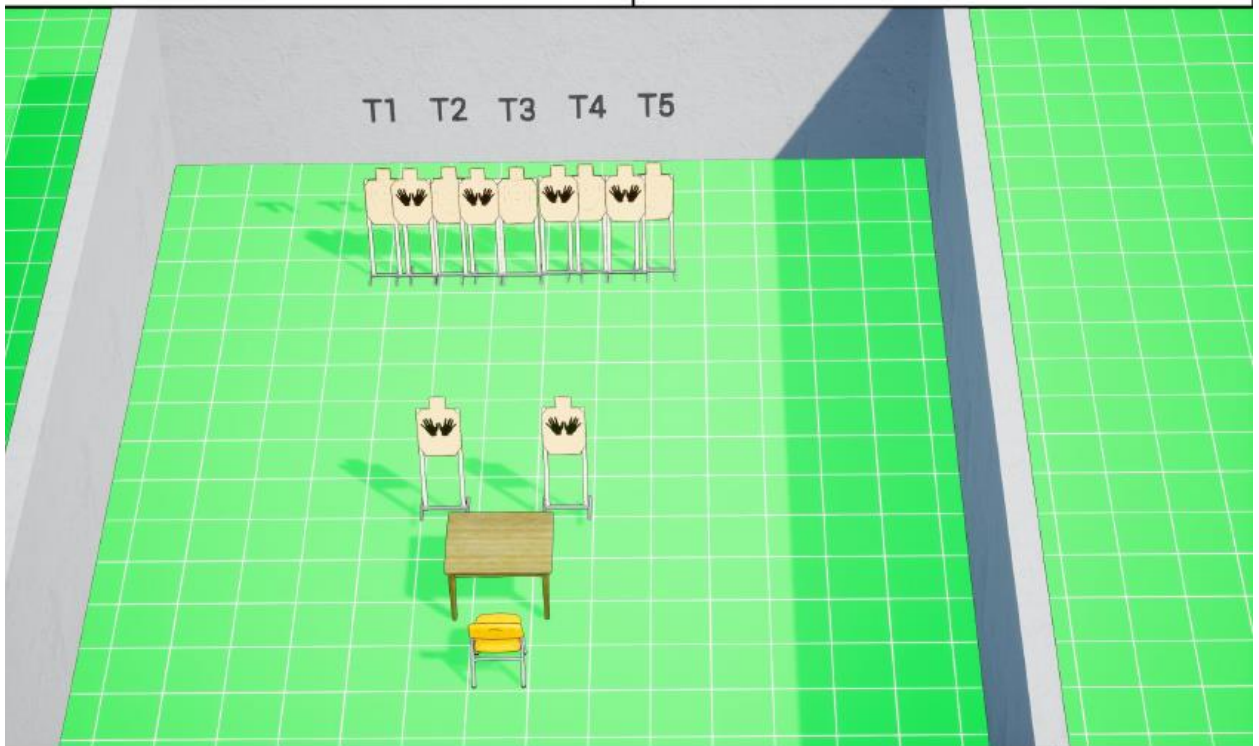
On the start signal engage targets "in the open" with 3 rounds each.

One mandatory reload required (double PE for failing to reload = 6 seconds)

ONE cheek must remain on the chair while shooting.
also 1 PE for failing to stay seated as defined.

Due to target positions it may become a DQ to stand and shoot!


SCORING: 15 rounds, Unlimited
TARGETS: 5 IDPA threat 6 non-threat
SCORED HITS: Best 3 per target.
START-STOP : Audible - Last Shot
CONCEALMENT: NOT Required
MUZZLE SAFE: 180-degree plane
DISTANCE: 7 yards
NOTES: The chair is in a FIXED position, the table can be adjusted for shooter size discrepancies.



Example 1

GPA Stage / String Par Calculator

							Calculated Match Par:	8.5
Draw	Reloads	Shots	PC		Style	CF	Complex Factor	Par
1	1.5	0.4	2		0.3	2	Description	Total
		(*)	(**)		(*)			
1	1	15	0		0	0		
1.0	1.5	6.0	0.0		0.0	0.0		8.5

1-Ennis, Michael 	6.96	0.00	6.96	Full Size Optic
2-Fiori, Michael	7.32	0.00	7.32	FSO
3-Rose, Kenneth	7.36	0.00	7.36	FSI – Full Size Iron Sigh
4-Hawkins, David	8.53	0.00	8.53	FSO
5-Ethridge, Michael	8.64	0.00	8.64	FSO – Full Size Optic

Example 2 (See stage design on next page)

This stage has you draw and engage 2 targets SHO, then from the opposite side of the barricade engage 2 targets WHO. You then move to P1 followed by P2. Each target requires 3 rounds.

Draw, reload, 24 rounds.

For Position Changes – you could say 2 OR 3. You have the obvious, move from SP to P1 then to P2 =’s 2 PC’s, since you need to shift to the opposite side of the barrel AND switch hands for target engagement you could call this a PC also. I would say NO but since you are switching hands, add this as a Complexity Factor instead. Either way it adds 2 seconds to the formula.

We also have Style factor, 12 rounds in SHO/WHO. (1 style factor for *each shot* required in that manner.)

CF’s call for 2, one for the switching hands and the other for a long distance to travel to get from P1 to P2.

Let’s see how this works out.

Example 2

Are You Strong or Weak

by Chuck Limpert

SCENARIO:

START POSITION:

Standing at P1 behind the barrels and between the 2 fault lines, arms relaxed at sides, gun loaded and holstered

STAGE PROCEDURE:

At the start signal, engage 2 targets SHO and 2 targets WHO from P1. Then move to either P2 or P3 and engage 2 targets from cover. Move to the opposite side and engage remaining 2 targets from cover.

Makeup shots can be done anywhere it is safe to do so in a FREESTYLE manner.

1 PE for each target not engaged in the correct initial manner (SHO-WHO).

1 reload required

SCORING:

24 rounds, Unlimited

TARGETS:

8 IDPA threat 2 non-threat

SCORED HITS:

Best 3 per target.

START-STOP :

Audible - Last Shot

CONCEALMENT:

Required

MUZZLE SAFE:

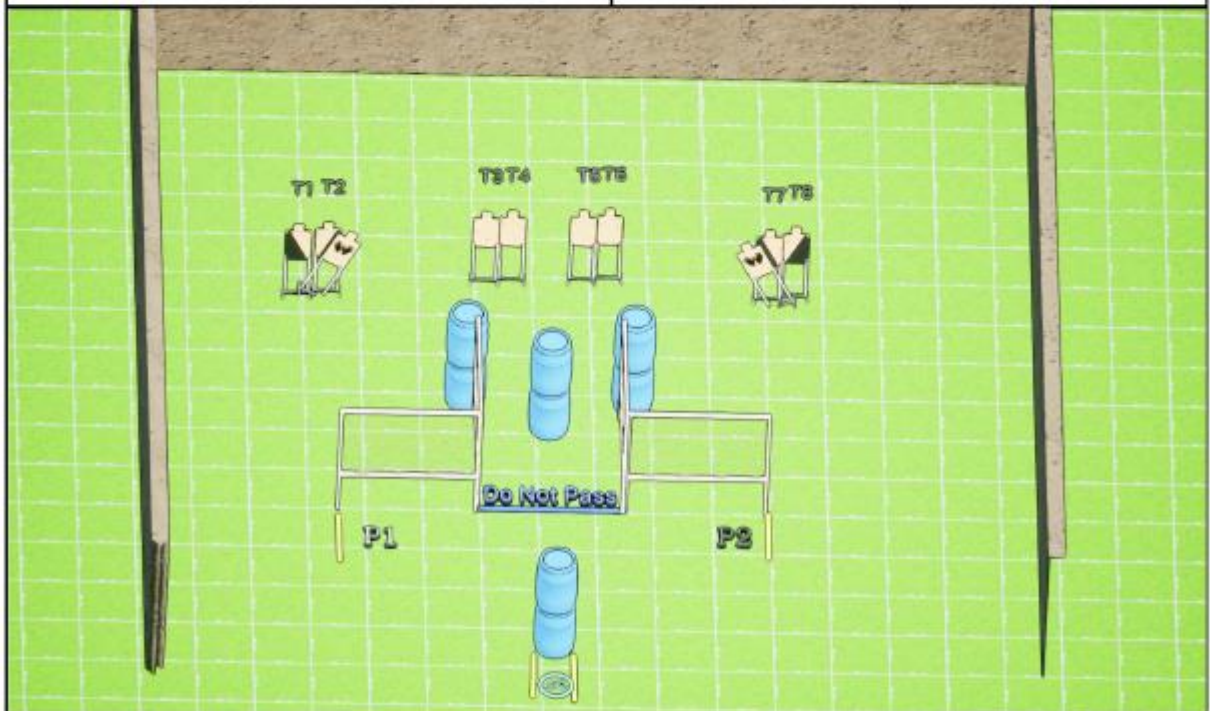
180-degree plane

DISTANCE:

7-10 yards

NOTES:

Blue line between walls is a Do Not Pass Line can not go forward of this line



Example 2

GPA Stage / String Par Calculator							Calculated Match Par:	23.7
Draw	Reloads	Shots	PC	Style	CF	Complex Factor	Par	
1	1.5	0.4	2	0.3	2	Description	Total	
		(*)	(**)	(*)				
1	1	24	2	12	2	Switch hands, distance	23.7	
1.0	1.5	9.6	4.0	3.6	4.0			

1-Maday, Adam	19.19	1.00	18.69	FSO
2-Fiori, Michael	20.48	5.00	17.98	FSO
3-Cooper, Tyrel	21.24	0.00	21.24	FSO – Full Size Optic
4-Smith, Scott	21.78	5.00	19.28	FSO – Full Size Optic
5-Ethridge, Michael	22.31	8.00	18.31	FSO – Full Size Optic
6-Prystash, Jason	23.84	2.00	22.84	FSO

6 made Platinum here. Again, knowing the shooters this is correct.

Example 3 (See stage design on next page)

This gets a bit more complex. There are targets shot from SP (which is P1), then on the way to P2 targets get shot through a port, upon leaving P2 more targets from in the open, then at P3 a final target. This would be 4 PC's – P1 to the Port, Port to P2, P2 to "in the open", "In the open" to P3.

So, Draw, Reload, 22 rounds, 4 PC's, NO Style shots, 1 CF for the non-threat position while in the open.

Example 3

Elementary Watson

by Chuck Limpert

SCENARIO:

START POSITION:

Start position is left foot touching P1 fault line.

STAGE PROCEDURE:

engage T1 in the open
P1 engage T2 and T3
Engage T4 and T5 through the port
P2 engage T6, T7 and T8
Engage T9 and T10 in the open.
P3 engage T11

SCORING:

22 rounds, Unlimited

TARGETS:

11 IDPA threat 2 non-threat

SCORED HITS:

Best 2 per target.

START-STOP :

Audible - Last Shot

CONCEALMENT:

NOT Required

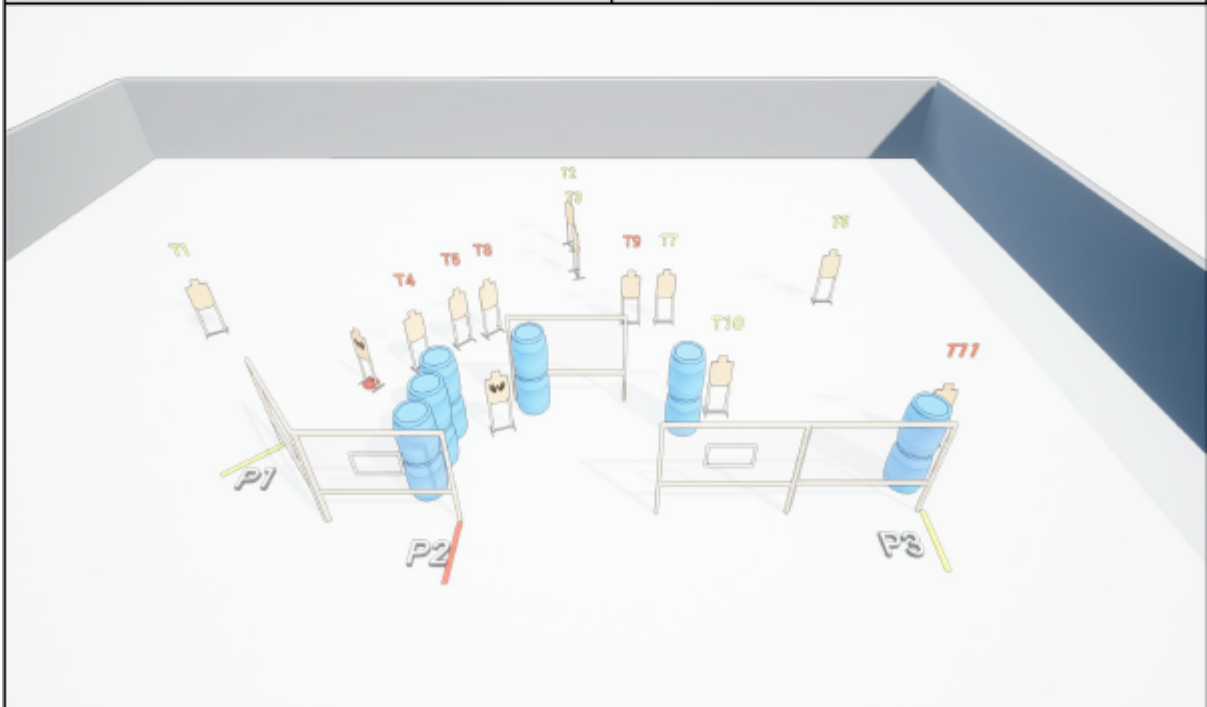
MUZZLE SAFE:

180-degree plane

DISTANCE:

3 - 11 yards


NOTES:



Example 3

GPA Stage / String Par Calculator

GPA Stage / String Par Calculator							Calculated Match Par:	21.3
Draw	Reloads	Shots	PC	Style	CF	Complex Factor	Par	
1	1.5	0.4	2	0.3	2	Description	Total	
		(*)	(**)	(*)				
1	1	22	4	0	1			
1.0	1.5	8.8	8.0	0.0	2.0	Non threats	21.3	

1-jorden, ben	17.39	3.00	0.00	0.00	15.89	FSO	Platinum = MA
2-Sczesny, Eric	18.52	4.00	0.00	0.00	16.52	FSO	Platinum = MA
3-VanDyke, Lawrence	18.92	2.00	0.00	0.00	17.92	FSO	Gold = EX
4-Ennis, Michael 	19.27	2.00	0.00	0.00	18.27	FSI	Platinum = MA
5-Cooper, Tyrel	20.37	0.00	0.00	0.00	20.37	CPI	Platinum = MA
6-Coxwell, Corey	20.38	0.00	0.00	0.00	20.38	FSO	Silver = SS
7-Prystash, Jason	21.40	5.00	0.00	0.00	18.9	FSO	UN

The actual scores for the competitors in a match show that there is a good representation of the calculator working. There may be some that are somewhat high or low but with over 200 matches, we have seen this work out within the match totals very well.