

2018 APA INNOVATIONS INC. (Bow Specifications)

APA Venom XP Single Cam Module Position Chart
(Tested 5gr./lbs w / String Silencers & Brass rock)

	Viper	Boa	Suphan XP	Taipan XP	Python X	Python XP	Python
A	25" 264	25" 273	25"	26"	26" 271	26"	26"
B	26" 274	26" 283	26"	27"	27" 281	27"	27"
C	27" 284	27" 293	27"	28"	28" 291	28"	28"
D	28" 294	28" 303	28"	29"	29" 301	29"	29"
E	29" 304	29" 313	29"	30"	30" 311	30"	30"
F	30" 314	30" 323	30"	31"	31" 321	31"	31"

APA Venom V2

Sidewinder	Sidewinder H ^F 1	Copperhead LT1	Viper Air	Viper	Pit Viper	Viper V7	Viper Nano	Copperhead 1	Viper XL	Viper XL 39	Viper X8	Viper T39	Mods Size Pattern
A 24" 252	A 23.5"	A 23.5"	A 23" 272	A 24" 259	A 23" 259	A 23.5"	A 23.5"	A 23.5"	A 24.5" 260	A 26" 275	A 25.5"	A 25.5"	A
A.5	A.5 24" 255	A.5 24" 255	A.5 23.5"	A.5 24.5"	A.5 23.5"	A.5 24" 269	A.5 24" 267	A.5 24" 262	A.5 25"	A.5 26.5"	A.5 26" 272	A.5 26" 282	A.5
B 25" 262	B 24.5"	B 24.5"	B 24" 262	B 25" 269	B 24" 269	B 24.5"	B 24.5"	B 24.5"	B 25.5" 271	B 27" 285	B 26.5"	B 26.5"	B
B.5	B.5 25" 265	B.5 25" 265	B.5 24.5"	B.5 25.5"	B.5 24.5"	B.5 25" 279	B.5 25" 277	B.5 25" 272	B.5 26"	B.5 27.5"	B.5 27" 282	B.5 27" 292	B.5
C 26" 272	C 25.5"	C 25.5"	C 25" 272	C 26" 279	C 25" 279	C 25.5"	C 25.5"	C 25.5"	C 26.5" 282	C 28" 295	C 27.5"	C 27.5"	C
C.5	C.5 26" 275	C.5 26" 275	C.5 25.5"	C.5 26.5"	C.5 25.5"	C.5 26" 289	C.5 26" 287	C.5 26" 282	C.5 27"	C.5 28.5"	C.5 28" 292	C.5 28" 302	C.5
D 27" 282	D 26.5"	D 26.5"	D 26" 282	D 27" 289	D 26" 289	D 26.5"	D 26.5"	D 26.5"	D 27.5" 293	D 29" 305	D 28.5"	D 28.5"	D
D.5	D.5 27" 285	D.5 27" 285	D.5 26.5"	D.5 27.5"	D.5 26.5"	D.5 27" 299	D.5 27" 297	D.5 27" 292	D.5 28"	D.5 29.5"	D.5 29" 302	D.5 29" 312	D.5
E 28" 292	E 27.5"	E 27.5"	E 27" 292	E 28" 299	E 27" 299	E 27.5"	E 27.5"	E 27.5"	E 28.5" 304	E 30" 315	E 29.5"	E 29.5"	E
E.5	E.5 28" 295	E.5 28" 295	E.5 27.5"	E.5 28.5"	E.5 27.5"	E.5 28" 309	E.5 28" 307	E.5 28" 302	E.5 29"	E.5 30.5"	E.5 30" 312	E.5 30" 322	E.5
F 29" 302	F 28.5"	F 28.5"	F 28" 302	F 29" 309	F 28" 309	F 28.5"	F 28.5"	F 28.5"	F 29.5" 315	F 31" 325	F 30.5"	F 30.5"	F
F.5	F.5 29" 305	F.5 29" 305	F.5 28.5"	F.5 29.5"	F.5 28.5"	F.5 29" 319	F.5 29" 317	F.5 29" 312	F.5 30"	F.5 31.5"	F.5 31" 322	F.5 31" 332	F.5
G 30" 312	G 29.5"	G 29.5"	G 29" 312	G 30" 319	G 29" 319	G 29.5"	G 29.5"	G 29.5"	G 30.5" 326	G 32" 335	G 31.5"	G 31.5"	G
G.5	G.5 30" 315	G.5 30" 315	G.5 29.5"	G.5 30.5"	G.5 29.5"	G.5 30" 329	G.5 30" 327	G.5 30" 322	G.5 31"	G.5 32.5"	G.5 32" 332	G.5 32" 342	G.5
H 31" 322	H 30.5	H 30.5	H 30" 320	H 31" 329	H 30" 329	H 30.5"	H 30.5"	H 30.5"	H 31.5" 337	H 33" 345	H 32.5"	H 32.5"	H

SHORT

LONG

2018

Viper Venom	Viper Air TF	Viper Air KJ	Viper Nano TF	Mods Size Pattern
A 23.5"	A 23.5"	A 23.5"	A 23.5"	A
A.5 24" 255	A.5 24" 255	A.5 24" 255	A.5 24" 255	A.5
B 24.5"	B 24.5"	B 24.5"	B 24.5"	B
B.5 25" 265	B.5 25" 265	B.5 25" 265	B.5 25" 265	B.5
C 25.5"	C 25.5"	C 25.5"	C 25.5"	C
C.5 26" 275	C.5 26" 275	C.5 26" 275	C.5 26" 275	C.5
D 26.5"	D 26.5"	D 26.5"	D 26.5"	D
D.5 27" 285	D.5 27" 285	D.5 27" 285	D.5 27" 285	D.5
E 27.5"	E 27.5"	E 27.5"	E 27.5"	E
E.5 28" 295	E.5 28" 295	E.5 28" 295	E.5 28" 295	E.5
F 28.5"	F 28.5"	F 28.5"	F 28.5"	F
F.5 29" 305	F.5 29" 305	F.5 29" 305	F.5 29" 305	F.5
G 29.5"	G 29.5"	G 29.5"	G 29.5"	G
G.5 30" 315	G.5 30" 315	G.5 30" 315	G.5 30" 315	G.5
H 30.5	H 30.5	H 30.5	H 30.5	H

SHORT

LONG

2018 APA INNOVATIONS INC. (Bow Specifications)

APA Venom Dual Cam Module Position Chart
(Tested 5gr./lbs w / String Silencers & Brass nock)

Module # VT Cams	Black Mamba X2		Black Mamba X1		Black Mamba XL		Bik.Mamba Xtreme	Anaconda VT
VT 0	25"	288 f/s	24.5"		27"	293 f/s	25"	27"
VT.5	25.5"		25"	300 f/s	27.5"		25.5"	27.5"
VT 1	26"	298 f/s	25.5"		28"	303 f/s	26"	28"
VT 1.5	26.5"		26"	310 f/s	28.5"		26.5"	28.5"
VT 2	27"	308 f/s	26.5"		29"	313 f/s	27"	29"
VT 2.5	27.5"		27"	320 f/s	29.5"		27.5"	29.5"
VT 3	28"	318 f/s	27.5"		30"	323 f/s	28"	30"
VT 3.5	28.5"		28"	330 f/s	30.5"		28.5"	30.5"
VT 4	29"	328 f/s	28.5"		31"	333 f/s	29"	31"
VT 4.5	29.5"		29"	340 f/s	31.5"		29.5"	31.5"
VT 5	30"	338 f/s	29.5"		32"	343 f/s	30"	32"
VT 5.5			30"	350 f/s				
VT 6								

APA M1/ MX/ BM/ XV DUAL CAM MODULE CHART

Mamba M5	Mamba M6	Mamba M7	King Cobra KC He	Mamba XL 36 Mamba XLR 36	Mamba MXL 39	Mamba 6.5	Mamba 7.5	Mamba MX1	Mamba Mx2	Mamba XL7.0	Mamba X8
1 = 23" 295	1 = 24" 294	1 = 25" 293	1 = 24" 298	1 = 26.5"	1 = 27" 302	1 = 24.5"	1 = 25.5"	1 = 25" 299	1 = 25.5"	1 = 26.5"	1 = 27" 300
1.5 = 23.5"	1.5 = 24.5"	1.5 = 25.5"	1.5 = 24.5"	1.5 = 27" 307	1.5 = 27.5	1.5 = 25" 295	1.5 = 26" 295	1.5 = 25.5"	1.5 = 26" 295	1.5 = 27" 305	1.5 = 27.5
2 = 24" 305	2 = 25" 304	2 = 26" 303	2 = 25" 308	2 = 27.5"	2 = 28" 312	2 = 25.5"	2 = 26.5"	2 = 26" 309	2 = 26.5"	2 = 27.5"	2 = 28" 310
2.5 = 24.5"	2.5 = 25.5"	2.5 = 26.5"	2.5 = 25.5"	2.5 = 28" 317	2.5 = 28.5	2.5 = 26" 305	2.5 = 27" 305	2.5 = 26.5"	2.5 = 27" 305	2.5 = 28" 315	2.5 = 28.5
3 = 25" 315	3 = 26" 314	3 = 27" 313	3 = 26" 318	3 = 28.5"	3 = 29" 322	3 = 26.5"	3 = 27.5"	3 = 27" 319	3 = 27.5"	3 = 28.5"	3 = 29" 320
3.5 = 25.5"	3.5 = 26.5"	3.5 = 27.5"	3.5 = 26.5"	3.5 = 29" 327	3.5 = 29.5	3.5 = 27" 315	3.5 = 28" 315	3.5 = 27.5"	3.5 = 28" 315	3.5 = 29" 325	3.5 = 29.5
4 = 26" 325	4 = 27" 324	4 = 28" 323	4 = 27" 328	4 = 29.5"	4 = 30" 332	4 = 27.5"	4 = 28.5"	4 = 28" 329	4 = 28.5"	4 = 29.5"	4 = 30" 330
4.5 = 26.5"	4.5 = 27.5"	4.5 = 28.5"	4.5 = 27.5"	4.5 = 30" 337	4.5 = 30.5	4.5 = 28" 325	4.5 = 29" 325	4.5 = 28.5"	4.5 = 29" 325	4.5 = 30" 335	4.5 = 30.5
5 = 27" 335	5 = 28" 334	5 = 29" 333	5 = 28" 338	5 = 30.5"	5 = 31" 342	5 = 28.5"	5 = 29.5"	5 = 29" 339	5 = 29.5"	5 = 30.5"	5 = 31" 340
5.5 = 27.5"	5.5 = 28.5"	5.5 = 29.5"	5.5 = 28.5"	5.5 = 31" 347	5.5 = 31.5	5.5 = 29" 335	5.5 = 30" 335	5.5 = 29.5"	5.5 = 30" 335	5.5 = 31" 345	5.5 = 31.5
6 = 28" 345	6 = 29" 344	6 = 30" 343	6 = 29" 348	6 = 31.5"	6 = 32" 352	6 = 29.5"	6 = 30.5"	6 = 30" 349	6 = 30.5"	6 = 31.5"	6 = 32" 350
	6.5 = 29.5"	6.5 = 30.5"	6.5 = 29.5"	6.5 = 32" 357	6.5 = 32.5	6.5 = 30" 345	6.5 = 31" 345		6.5 = 31" 345	6.5 = 32" 355	6.5 = 32.5
	7 = 30" 354	7 = 31" 353	7 = 30" 358	7 = 32.5"	7 = 33" 362	7 = 30.5"	7 = 31.5"		7 = 31.5"	7 = 32.5"	7 = 33" 360

Rattler	Copperhead Jr. Diamondbac	Mamba Air	Mamba M34	Mamba X7	Mamba T39	Mamba X36	Mamba X39	King Cobra TF	Mamba M36	Mamba 32 TF	Mamba Air TF
16 = 160 - 20 - 50 lbs	16 = 160 - 20 - 50	1 = 25" 288	1 = 26" 293	1 = 27" 305	1 = 27" 304	1 = 27" 305	1 = 27" 304	1 = 24" 307	1 = 26.5"	1 = 25" 300	1 = 24.5"
17 = 171 - 21 - 51 lbs	17 = 171 - 21 - 51	1.5 = 25.5"	1.5 = 26.5"	1.5 = 27.5"	1.5 = 27.5"	1.5 = 27.5"	1.5 = 27.5"	1.5 = 24.5"	1.5 = 27" 313	1.5 = 25.5"	1.5 = 25" 295
18 = 182 - 21 - 51 lbs	18 = 182 - 21 - 51	2 = 26" 298	2 = 27" 303	2 = 28" 315	2 = 28" 314	2 = 28" 315	2 = 28" 314	2 = 25" 317	2 = 27.5"	2 = 26" 310	2 = 25.5"
19 = 193 - 21 - 51 lbs	19 = 193 - 21 - 51	2.5 = 26.5"	2.5 = 27.5"	2.5 = 28.5"	2.5 = 28.5"	2.5 = 28.5"	2.5 = 28.5"	2.5 = 25.5"	2.5 = 28" 323	2.5 = 26.5"	2.5 = 26" 305
20 = 204 - 22 - 52 lbs	20 = 204 - 22 - 52	3 = 27" 308	3 = 28" 313	3 = 29" 325	3 = 29" 324	3 = 29" 325	3 = 29" 324	3 = 26" 327	3 = 28.5"	3 = 27" 320	3 = 26.5"
21 = 215 - 24 - 54 lbs	21 = 215 - 24 - 54	3.5 = 27.5"	3.5 = 28.5"	3.5 = 29.5"	3.5 = 29.5"	3.5 = 29.5"	3.5 = 29.5"	3.5 = 26.5"	3.5 = 29" 333	3.5 = 27.5"	3.5 = 27" 315
22 = 226 - 26 - 57 lbs	22 = 226 - 26 - 57	4 = 28" 318	4 = 29" 323	4 = 30" 335	4 = 30" 334	4 = 30" 335	4 = 30" 334	4 = 27" 337	4 = 29.5"	4 = 28" 330	4 = 27.5"
23 = 237 - 27 - 59 lbs	23 = 237 - 27 - 59	4.5 = 28.5"	4.5 = 29.5"	4.5 = 30.5"	4.5 = 30.5"	4.5 = 30.5"	4.5 = 30.5"	4.5 = 27.5"	4.5 = 30" 343	4.5 = 28.5"	4.5 = 28" 325
24 = 248 - 28 - 60 lbs	24 = 248 - 28 - 60	5 = 29" 328	5 = 30" 333	5 = 31" 345	5 = 31" 344	5 = 31" 345	5 = 31" 344	5 = 28" 347	5 = 30.5"	5 = 29" 340	5 = 28.5"
25 = 259 - 30 - 61 lbs	25 = 259 - 30 - 61	5.5 = 29.5"	5.5 = 30.5"	5.5 = 31.5"	5.5 = 31.5"	5.5 = 31.5"	5.5 = 31.5"	5.5 = 28.5"	5.5 = 31" 353	5.5 = 29.5"	5.5 = 29" 335
26 = 270 - 30 - 61 lbs	26 = 270 - 30 - 61	6 = 30" 338	6 = 31" 343	6 = 32" 355	6 = 32" 354	6 = 32" 355	6 = 32" 354	6 = 29" 357	6 = 31.5"	6 = 30" 350	6 = 29.5"
27 = 281 - 31 - 62 lbs	27 = 281 - 31 - 62	6.5 = 31.5"	6.5 = 31.5"	6.5 = 32.5"	6.5 = 32.5"	6.5 = 32.5"	6.5 = 32.5"	6.5 = 29.5"	6.5 = 32" 363	6.5 = 30.5"	6.5 = 30" 345
28 = 292 - 34 - 62 lbs	28 = 292 - 34 - 62	7 = 32" 353						7 = 30" 367			

MAMBA M34-TF	MAMBA 36 RDS	MAMBA 38 RDS	King Cobra TF2	MAMBA 35 TF RDS	MAMBA 38 TF RDS
1 = 25.5"	1 = 26.5"	1 = 27" 300	1 = 24" 307	1 = 26"	1 = 27" 302
1.5 = 26" 312	1.5 = 27" 310	1.5 = 27.5"	1.5 = 24.5"	1.5 = 26.5"	1.5 = 27.5"
2 = 26.5"	2 = 27.5"	2 = 28" 310	2 = 25" 317	2 = 27" 307	2 = 28" 312
2.5 = 27" 322	2.5 = 28" 320	2.5 = 28.5"	2.5 = 25.5"	2.5 = 27.5"	2.5 = 28.5"
3 = 27.5"	3 = 28.5"	3 = 29" 320	3 = 26" 327	3 = 28" 317	3 = 29" 322
3.5 = 28" 332	3.5 = 29" 330	3.5 = 29.5"	3.5 = 26.5"	3.5 = 28.5"	3.5 = 29.5"
4 = 28.5"	4 = 29.5"	4 = 30" 330	4 = 27" 337	4 = 29" 327	4 = 30" 332
4.5 = 29" 342	4.5 = 30" 340	4.5 = 30.5"	4.5 = 27.5"	4.5 = 29.5"	4.5 = 30.5"
5 = 29.5"	5 = 30.5"	5 = 31" 340	5 = 28" 347	5 = 30" 337	5 = 31" 342
5.5 = 30" 352	5.5 = 31" 350	5.5 = 31.5"	5.5 = 28.5"	5.5 = 30.5"	5.5 = 31.5"
6 = 30.5"	6 = 31.5"	6 = 32" 350	6 = 29" 357	6 = 31" 347	6 = 32" 352
6.5 = 31" 362	6.5 = 32" 360		6.5 = 29.5"		
			7 = 30" 367		