

22,31,47y | **7K** ASRA (2017). Test. GA-Model. 35FPE. 50y | **7L** ASRA (2017). Test. GA-Model. 32FPE. 38y | **7M** ASRA (2018). Test. ChairGun Calc. GA-Model. 36FPE. 28y | **7N** ASRA (2018). Test. ChairGun Calc. GA-Model. 36FPE. 11y | **7O** ASRA (2018). Test. ChairGun 4 Calc. GA-Model. 51FPE. 27y | **7Q** ASRA (2016). Test. ChairGun 4 Calc. GA-Model. 49FPE. 32y | **7Aa** ASRA (2017). Test. GA-Model. 32FPE. 32y | **7Ab** ASRA (2018). Test. GA-Model. 37FPE. 11y | **7AC** ASRA (2018). Test. GA-Model. Near Sonic MV. 55FPE. 10y | **7BA** ASRA (2017). Test. ChairGun Calc. GA-Model. 36FPE. 47y | **7BB** ASRA (2018). Test. ChairGun Calc. GA-Model. 59FPE. 46y | **8** Test B (2016). 11FPE. 22-38y Average | **9** Test C (Before 2011). Doubtful Calculation. 17FPE | **11** Test E (2013). 34-42FPE. 25y | **12** MTC Optics.com (2017 and Much Older). List | **15** AirEnlaces.Blogspot (2015 and Older). List | **17** Test I (2011). Doubtful Data. 30y | **19ZH** Straight Shooters (2016). Test. Doubtful Calc. 16FPE. 10,25,50y | **19ZI** Straight Shooters. (2016 c.). Test. Doubtful Calc. 15FPE. 10,25,50y | **19ZJ** Straight Shooters (2017). Test. Doubtful Calc. 12FPE. 10,25,50y | **19ZG** Straight Shooters (2015). Test. Doubtful Calc. 12FPE. 10,25,50y | **20** Air Rifle Pellet Photographic Database (2009 and Older). List | **26** Bob Sterne (2013). Test. ChairGun3, G1-Model. 26FPE. 25y | **27** Test N (2017). BC Calc through POI Change, GA-Model. 100y | **33** Bob Sterne (2015). Test. ChairGun3 Calc, G1-Model. 21FPE. 25y. Drag Comparison of Various Pellets incl. Baracuda vs. JSB Exact Series | **34** Test T (2019). BC Calc through POI Change, ChairGun Calc, GA-Model. 28FPE. 28,55,110y | **35** Test U (2019). ChairGun Calc, GA-Model. 18-24FPE. 25y | **36** Strelok Pro (2020-06 and much earlier). List. | **37** Gamo.com (2019 and earlier). Optimistic test without any specifics whatsoever | **38** thomasair (2020). Test. ChairGun Calc., GA-Model. 57-66FPE. 50y | **105** Test V (2019). GA-Model. Labrador. 30FPE. 11,22,33,44,55,111y | **106** Test W (2020). ChairGun Calc, GA-Model. Labrador. 31FPE. 5-83y | **108** Matt Coulter (2021). ChairGun4, GA, 1 Chrono, 5 Shots with Low Variations. 31FPE. 49y | **109** Matt Coulter (2021). ChairGun4, GA, 1 Chrono, 5 Shots with Low Variations. 37FPE. 49y | **110** By steve123 (2022). Actual Trajectory Test. Up to 160y

[illegible]

Model	GTO Lead Free [-Predator GTO]	Baracuda Green	Express (H&N made, for Hatsan)	Exact Jumbo RS	Hollow Point	Domed 14 = Ultra Magnum =n/n ²²	Copper Magnum	Exact Jumbo Express	Venom Lead	Field Target Trophy	Field Target Trophy Power	Super Field	Exact Jumbo	Baracuda 15	Golden Trophy FT	Hades	JSB = Predator Poly mag Short	JSB = Predator Poly-mag	Hor-net	Ter-minator	Dag-ger Lead	Zero Lead	JSB =Predator Metal mag	Prem-ier Gold Tipped	Golden Trophy FT Heavy	Exact Jumbo Heavy	Baracuda 18	Crow Mag-num	Baracuda Hunter	Baracuda Hunter Ex-treme	Premier Domed Ultra Heavy	Baracuda + Baracuda Match	Baracuda Power	Power Bolt	Rab-bit Mag-num II	Rab-bit Mag-num Power	Ultra Shock Heavy	Exact Jumbo Monster [-Straton]	Exact Jumbo Monster Rede-signed	Exact Jumbo Beast	
Length mm																	10.4	9.6			10.2												8.14	9.05	8.47	8.73	8.89	10.64		
Length in																	0.409	0.378			0.402"												0.320"	0.356"	0.334"	0.344"	0.350"	0.419"		
Other Info: Z1 Source: H&N. Brochure (2010-10).pdf Z2 This is Crossman's standard pellet. Sometimes sold without model designator, sometimes as Ultra Magnum, sometimes as Domed. Part numbers: LDP22 (can); or 22DB (carton, now N/A). Careful, PyramydAir often calls the JSB pellets "Match" when the can does not! Z3 This pellet weighs 14.4gr, and is incorrectly labeled as 15.9gr [https://www.pyramydair.com/s/p/Crosman_Premier_Copper_Magnum_22_Cal_14.4_Grains_Domed_150ct/1351]. Z4 Source: Email from H&N, 9Jul20. Z5 Field Target Trophy: Error in the BC sources 2, 3, 4, 5, 12, that give the weight as 14.80gr and the BC supposedly as 0.029. Z6 Vortex is the Hatsan pellet brand, which is made by different manufacturers – some good ones like H&N (Express), some low quality (Strike, made in Argentina, probably by Apolos)																																									
Abbreviations: HdSz = different head sizes available																																									

Rebranding (RB)

Most of the rebranded pellets are domed pellets and can easily be matched up with the original; only some require an explanation.

RB-A of JSB = **Air Arms:** Falcon 13.43gr | Field 15.90gr (15.89) | Field Heavy 18.13gr

RB-B of H&N = **Beeman:** Crow Magnum 18.21gr | Kodiak 21.13gr | Kodiak Copper Plated 21.13gr

RB-C of JSB = **Cometa:** Exact Jumbo RS 13.43gr | Exact Jumbo Express 14.35gr | Exact Jumbo 15.90gr | Exact Jumbo Heavy 18.13gr | Exact Jumbo Monster 25.40gr | UltraShock Heavy 25.40gr

RB-D of H&N = **Diana:** Sport 12.81gr = H&N Excite Plinking | Magnum 14.66gr | High Power 21.14gr

RB-E of JSB = **EDgun:** Exact 15.89gr | Heavy 18.13gr | Monster 25.39gr | Beast 33.95gr

RB-F of JSB = **FX:** 15.90gr (15.89) | 18.10gr (18.13) | 24.39gr (24.39)

RB-I of H&N = **Webley:** Accupell FT 14.66gr

RB-J of JSB = **Webley:** Mosquito Express 14.35gr = JSB Express(?)

RB-K of Crosman = **Webley:** Accupell 14.30 = Crosman Domed(?) | Powapell 14.3gr = Crosman Pointed | Verminpell 14.30gr = Crosman Match | The VMX is a separate design, mfctrd. by H&N.

RB-O of H&N = **BSA** (since 2021): Greenstar = H&N Baracuda Green | Goldstar = Field Target Trophy | Silverstar = Terminator | Blackstar = Baracuda Hunter

RB-Q of H&N = **Rangemaster (Daystate):** Kaiser 14.66gr

RB-R of JSB = **Rangemaster (Daystate):** All JSB *domes*: Sovereign 15.89gr | Sovereign Hunter 18.13gr | King 25.38gr (25.39) | Emperor 33.95gr

RB-S of H&N = **Stoeger:** X-Speed 10.03gr | X-Sport 13.12gr → Does not match any H&N or JSB offerings, but “made in Germany” | X-Match 13.73gr = H&N Sport | X-Field 14.66gr | X-Hunt 15.74gr = H&N Excite Spike | X-Magnum 17.13gr = H&N Silver Point | X-Hollow 18.21gr = H&N Crow Magnum | X-Power 21.12gr (21.14)

RB-U of H&N = **Bisley:** Pest Control 18.21gr = H&N Crow Magnum | Magnum 21.14gr

RB-V of H&N = **Vortex (Hatsan):** Eco Lead Free 12.35gr = H&N Baracuda Green **V.2!** | Supreme 14.66gr = H&N Field Target Trophy | Do not confuse with the Hatsan Vortex Strike, which is not from H&N, but is made in Argentina, most likely rebranded from Apolo!

RB-W of JSB = **Weihrauch:** FT-Exact Jumbo 15.89gr | also: RB of H&N: Magnum 21.14gr = H&N Baracuda

RB-Y of JSB = **Diana:** Exact 15.89gr

Summary of Rebranding

JSB – rebranded as Air Arms | Edgun | FX | Rangemaster (=Daystate) [most] | Cometa | Weihrauch | Diana [few] | Webley [some?]

H&N – rebranded as Rangemaster (=Daystate) [few] | Beeman | BSA (since 2021) | Diana [most] | Stoeger | Bisley [some] | Vortex (=Hatsan) [some] | Webley [some]

Crosman – rebranded as Webley [most]

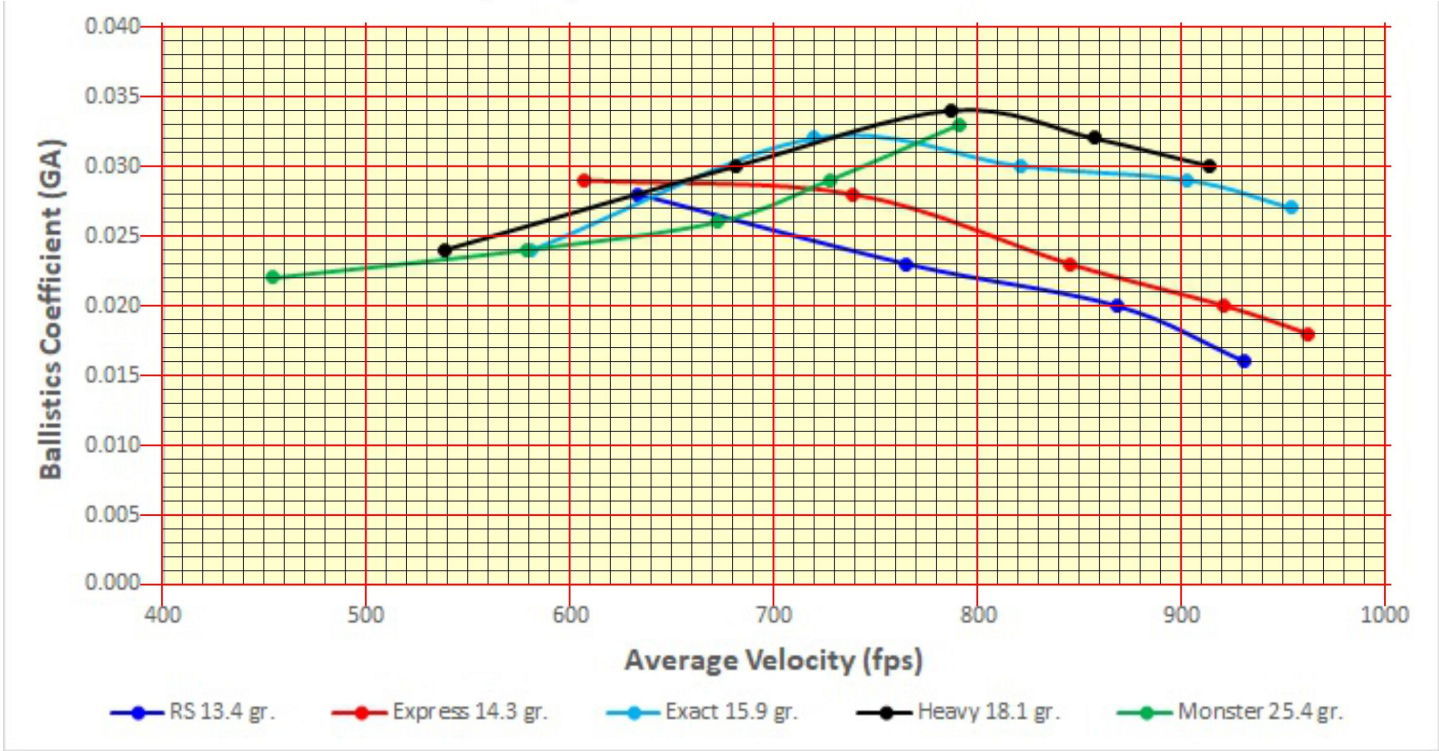
And some of these have changed over the years....

Velocity Dependent BC Data: JSB Domes .22cal

Test by Bob Sterne, 28 June 2017. Calculated with ChairGun Pro 4, using the GA drag model, and correct atmospheric data. Since the drag model does not fit each pellet perfectly there are changes in the BC (for a perfectly fitting drag model the BC is constant; what changes with the velocity is the drag).

Source: <https://www.gatewaytoairguns.org/GTA/index.php?topic=14735.msg1265217#msg1265217>

Bob Sterne's Velocity Dependent BC Data for .22cal JSB Domes



28Jun17 | Calc. w/ ChairGun4 (GA) | Source: <https://www.gatewaytoairguns.org/GTA/index.php?topic=14735.msg1265217#msg1265217>