

Date: 11 Jun 2008
 Start Time: 15:10
 Start Temp: 20.0 C
 Pressure: 1020 mb
 Humidity: 80%
 Instrument: Larson-Davis 800B, S/N 1230; L-D 2530 1/4" RI mic. S/N 1481
 Cal. before: 103.9
 Cal. after: 103.8
 Tester: C Jacoby (Sporting Rifle Magazine), C Blackburn, P Jackson MA CEng
 Muzzle height: 1 m above ground (grass)

Weather: Sunny
 End Time: 16:30
 End Temp: 20.5 C
 Altitude: 200 m

Weighting: "C"

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: None

Barrel length: 532 mm

Mic position: 1 m left of muzzle

Shot #		dB
1		166.9
2		166.6
3		166.5
4		166.6
5		166.9
6		166.5
Average		166.7
SD		0.2

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: Wildcat Predator 8 (.30 cal)

Retail price: 215.00
 Net length (cm): 10.2
 Weight (g): 735

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 19.8
 est. dB @ user's ear: 137.8
 £ RRP per dB: 10.9
 dB per cm net length: 1.9
 dB per 100 grammes: 2.7

Shot #		dB
1		147.2
2		144.2
3		143.6
4		145.0
5		143.7
6		145.1
7		146.9
Average		144.8
SD		1.5

(first round "pop" excluded)

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: AU Compact (.30 cal)

Retail price: 299.00
 Net length (cm): 15.0
 Weight (g): 550

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 27.6
 est. dB @ user's ear: 132.1
 £ RRP per dB: 10.8
 dB per cm net length: 1.8
 dB per 100 grammes: 5.0

Shot #		dB
1		141.1
2		136.7
3		139.1
4		138.7
5		140.5
6		138.4
Average		139.1
SD		1.6

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: PES T12 Scout (.30 cal)

Retail price: 250.00
 Net length (cm): 12.6
 Weight (g): 650

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 25.0
 est. dB @ user's ear: 134.7
 £ RRP per dB: 10.0
 dB per cm net length: 2.0
 dB per 100 grammes: 3.8

Shot #		dB
1		145.6
2		141.2
3		140.7
4		142.5
5		141.9
6		142.2
7		141.6
Average		141.7 (first round "pop" excluded)
SD		0.7

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: BR Reflex T8 (.30 cal)

Retail price: 209.00
 Net length (cm): 9.0
 Weight (g): 625

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 23.8
 est. dB @ user's ear: 135.9
 £ RRP per dB: 8.8
 dB per cm net length: 2.6
 dB per 100 grammes: 3.8

Shot #		dB
1		142.9
2		143.0
3		143.4
4		142.6
5		142.7
6		142.6
Average		142.9
SD		0.3

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: AU S5 (.27 cal)

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 26.1
 est. dB @ user's ear: 133.6
 £ RRP per dB: 10.0
 dB per cm net length: 2.4
 dB per 100 grammes: 4.3

Retail price: 260.00
 Net length (cm): 11.1
 Weight (g): 610

Shot #		dB
1		141.5
2		137.7
3		140.6
4		141.2
5		140.9
6		141.5
Average		140.6
SD		1.4

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: BR Reflex T8 (.25 cal)

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 28.5
 est. dB @ user's ear: 131.2
 £ RRP per dB: 7.3
 dB per cm net length: 3.1
 dB per 100 grammes: 4.1

Retail price: 209.00
 Net length (cm): 9.2
 Weight (g): 700

Shot #		dB
1		137.7
2		138.6
3		137.9
4		137.5
5		138.1
6		139.2
Average		138.2
SD		0.6

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: AU Compact (.25 cal)

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 32.2
 est. dB @ user's ear: 127.5
 £ RRP per dB: 9.3
 dB per cm net length: 2.1
 dB per 100 grammes: 5.9

Retail price: 299.00
 Net length (cm): 15.0
 Weight (g): 550

Shot #		dB
1		134.9
2		134.6
3		133.4
4		133.9
5		134.2
6		135.9
Average		134.5
SD		0.9

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: PES MC.L (.25 cal)

Retail price: 154.00
 Net length (cm): 19.7
 Weight (g): 500

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 30.6
 est. dB @ user's ear: 129.9
 £ RRP per dB: 5.0
 dB per cm net length: 1.6
 dB per 100 grammes: 6.1

Shot #		dB
1		139.2
2		137.5
3		137.1
4		136.4
5		136.9
6		137.1
7		136.1
Average		136.9 (first round "pop" excluded)
SD		0.5

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: BR Reflex T4 (.25 cal)

Retail price: 199.00
 Net length (cm): 6.1
 Weight (g): 585

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 23.8
 est. dB @ user's ear: 135.9
 £ RRP per dB: 8.4
 dB per cm net length: 3.9
 dB per 100 grammes: 4.1

Shot #		dB
1		142.9
2		143.0
3		143.4
4		142.6
5		142.7
6		142.6
Average		142.9
SD		0.3

Weapon: Sauer 202 6.5x55 SE
 Ammunition: Norma 120 gn BT
 Suppressor: A-Tec (.24 cal)

Retail price: 275.00
 Net length (cm): 15.5
 Weight (g): 560

Barrel length: 532 mm
 Mic position: 1 m left of muzzle
 dB noise reduction: 30.4
 est. dB @ user's ear: 129.3
 £ RRP per dB: 9.1
 dB per cm net length: 2.0
 dB per 100 grammes: 5.4

Shot #		dB
1		138.5
2		135.4
3		135.7
4		136.6
5		135.6
6		136.1
Average		136.3
SD		1.2