

Table 12.1
Handgun Designations and Ammunition Specifications

Handgun (HG)				
Designation	Ammunition	Weight	Reference Velocity	Kinetic Energy
UL-HG-A	9mm Luger FMJ RN	124 grains (8.0 grams)	1305 fps (398 m/s)	467.3 ft·lb (633.6 J)
UL-HG-B	.357 Mag JSP	158 grains (10.2 grams)	1430 fps (436 m/s)	715.1 ft·lb (969.5 J)
UL-HG-C	.44 MAG JHP	240 grains (15.6 grams)	1430 fps (436 m/s)	1093.6 ft·lb 1482.7 J
UL-HG-D	9mm Luger FMJ RN	124 grains (8.0 grams)	1470 fps (448 m/s)	592.1 ft·lb (802.8 J)
Note: There is no hierarchy of threat severity in this list.				

Table 12.2
Rifle Designations and Ammunition Specifications

Rifle (RF)				
Designation	Ammunition	Weight	Reference Velocity	Kinetic Energy
UL-RF-A	.30-06 Springfield JSP (7.62x63mm)	180 grains (11.7 grams)	2700 fps (823 m/s)	2922.5 ft·lb (3962.4 J)
UL-RF-B	7.62x51mm M80 Ball, NATO FMJ, Steel Jacket	149 +0/-3 grains (9.7 +0/-0.2 grams)	2780 fps (847 m/s)	2566.3 ft·lb (3479.4 J)
UL-RF-C	.243 Winchester, Pointed Soft Point (PSP)	100 grains (6.2 grams)	3000 fps (914 m/s)	1910.1 ft·lb (2589.7 J)
UL-RF-D	.270 Winchester, Pointed Soft Point (PSP)	130 grains (8.4 grams)	3100 fps (945 m/s)	2766.4 ft·lb (3750.7 J)
UL-RF-E	5.56mm M193 FMJ BT, (5.56x45mm)	56 +0/-2 grains (3.6 +0/-0.1 grams)	3390 fps (1033 m/s)	1416.7 ft·lb (1920.8 J)
UL-RF-F	5.56mm M855 FMJ BT, (5.56x45mm)	61.8 ±1.5 grains (4.0 ±0.1 grams)	3190 fps (972 m/s)	1393.7 ft·lb (1889.6 J)
UL-RF-G	7.62x39mm Type 56, MSC FMJ, Copper-Plated Steel Jacket, Mild Steel Core <i>Note: Surrogate round is under development.</i>	124 +0/-2 grains (8.04 +0/-0.1 grams)	2480 fps (756 m/s)	1694.6 ft·lb (2297.8 J)

UL-RF-H	7.62x51mm M80 Ball, NATO FMJ, Steel Jacket	149 +0/-3 grains (9.7 +0/-0.2 grams)	2780 fps (847 m/s)	2566.3 ft·lb (3479.4 J)
UL-RF-I	.30 caliber M2 AP FMJ, (7.62x63mm)	165.7 +0/-7 grains (10.8 +0/-0.5 grams)	2880 fps (878 m/s)	3070.3 ft·lb (4162.8 J)
UL-RF-J	.50 caliber M33 FMJ Ball, mild steel core	660 grains (42.7 grams)	2910 fps (887 m/s)	12389.2 ft·lb (16797.5 J)
Note: There is no hierarchy of threat severity in this list.				

Table 12.3
Shotgun Designations and Ammunition Specifications

Shotgun (SG)				
Designation	Ammunition	Weight	Reference Velocity	Kinetic Energy
UL-SG-A	Winchester, Ranger LE, 12 Ga., 2¾ Inch, 1 oz. Slug (<i>Most common slug available</i>)	437.5 grains (28.3 grams)	1200 fps (366 m/s)	1398.0 ft·lb (1895.5 J)
UL-SG-B	12-gauge 00 lead buckshot (12 pellets)	650 grains (42 grams)	1200 fps (366 m/s)	2074.8 ft·lb (2813.1 J)
Note: There is no hierarchy of threat severity in this list.				