PRELIMINARY

Patrol Rifle Utilization Report

RIFLE & EQUIPMENT USED BY LEO's

Rifle ownership:

- Personally owned patrol rifle: 18%
- Agency issued patrol rifle: 82%

Rifle Manufacturer used:

- Colt: 40%
- Bushmaster: 12%
- Rock River: 12%
- Daniel Defense: 6%
- Barrett: 6%
- Bravo Company: 6%
- LMT: 6%
- LWRC: 6%
- HK: 6%

Barrel length:

- 14.5": 31%
- 16": 19%
- 10.5": 19%
- 11.5": 13%
- 5.75": 6%
- 18": 6%
- 20": 6%

Suppressor used:

- Yes: 18%
- No: 82%

Sights used:

- Iron sights: 18%
- Non-magnified optic: 76%
- Magnified optic: 6%

Optic manufacturer used:

- Aimpoint: 53%
- EOTech: 31%
- Vortex: 8%
- Nighforce: 8%

Ammo caliber used:

- 5.56: 66%
- .223: 18%
- .308: 8%
- 9mm: 8%

Ammo manufacturer used:

- Federal: 44%
- Hornady: 19%
- Speer: 19%
- Winchester: 12%
- Black Hills: 6%

Sling type:

- 2 point: 63%
- 1 point: 31%
- No sling: 6%

INCIDENT DATA

Incident initiation:

- Dispatched: 82%
- Self-initiated: 18%

Incidence type:

- Active assailant: 28%
- Barricade: 18%
- Hostage taking: 12%
- Warrant service: 12%
- Open area search: 12%
- Suicidal subject: 6%
- Robbery: 6%
- Domestic: 6%

LEO assignment:

- Patrol: 35%
- Plain clothes: 24%
- SWAT: 41%

Environment:

- Urban: 53%
- Suburban: 29%
- Rural: 18%

Location:

- Outdoors: 82%
- Indoors: 18%

Time of day:

- 0700-1500: 59%
- 1501-2300: 35%
- 2301-0659: 6%

NOTE:

This information is not scientific and is based on too small of a sample to draw conclusions on. There are only 17 surveys included that yield the data you see. We hope that you will see the value in this data and will consider submitting surveys about your agencies' patrol rifle engagements. We feel that once we get over 200 surveys that as a profession, we can start using this information to help guide our training, equipment and policy. PLEASE HELP by submitting surveys to the website you see below. THANK YOU.

ENGAGEMENT DATA

Average engagement distance: 48 yards

- Longest: 137 yards
- Shortest: 7 yards

Shooting positions used:

- Standing: 76%
- Kneeling: 24%

Marksmanship & Ballistics:

- Hit ratio per incident: 71.5%
- Total hit average: 54%
  - Total shots fired at offenders: 81
  - Total hits on the offenders: 44
- Intermediate barriers engaged: 35%
  - Metal: 40%
  - Glass: 20%
  - Other: 40%
- Shot placement on offenders:
  - Upper torso: 33%
  - Lower torso: 33%
  - Head: 20%
  - Pelvic girdle: 7%
  - Arm: 7%
- Shot results:
  - Non-lethal: 40%
  - Lethal: 60%
- Over penetration occurred: 27%
- Innocent citizens hit by LEO rifle fire: 0%

LEO use of cover: 71%

- Vehicle: 58%
- Wall: 17%
- Tree: 17%
- Other: 8%

Offender(s) fired at LEO: 71%

- LEO injured: 41%
  - Self-aid: 57%
  - Buddy aid: 43%
- Tourniquet applied to LEO: 18%

Offender(s) moving: 71%

- Direction:
  - Directly at or away: 18%
  - 45 degrees – Oblique: 27%
  - 90 degrees – Lateral: 55%
- Speed:
  - Slow walk: 36%
  - Normal walk: 36%
  - Run: 28%

Low light conditions: 18%

- Weapon mounted light used: 6%

LEO had rifle malfunction: 12%

LEO had to reload: 6%

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