The Second Chapter: 
The Evolution of Mass Violence Attacks

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Outline

• Mass Violence
• Active shooter
• Weaponized UAVs
• Chem-bio attacks
• Vehicle as a Weapon
• Fire-as-a-Weapon
• Trends in mass violence attacks
• Surveillance
“Paramilitary-style terrorists attacks are a direct challenge to the all-hazards emergency response doctrine and single-agency mitigation strategies. To face this new threat, public safety agencies need more than coordination—there must be integration.”

The Basics

• 9/11 attacks
  – A good plan executed well

• 2008 Mumbai attacks
  – A good plan executed well

• 2015 Paris attacks
  – A good plan executed well

• 2016 Brussels terror attacks
  – A poor plan executed well
The number one cause of 9/11 as identified by the 9/11 Commission:

“Failure of imagination”
Mass Violence
The History of Mass Shootings

US Mass Shootings
As of October 9th 2019
The History of Mass Shootings

US Mass Shootings
As of October 10th 2019

• Killed – 478
• Wounded – 1485

https://massshootingtracker.org/data/2013
The History of Mass Shootings

- 2018
  • Killed – 528
  • Wounded – 1549
- 2017
  • Killed - 590
  • Wounded – 1972
- 2016
  • Killed – 569
  • Wounded - 1781

https://massshootingtracker.org/data/2013
The History of Mass Shootings

- 2015
  • Killed – 469
  • Wounded – 1387
- 2014
  • Killed – 364
  • Wounded – 1213
- 2013
  • Killed – 467
  • Wounded – 1176
Active Shooter
Active Shooter Event

- What constitutes an active shooter event?
  - “The FBI defines an active shooter as one or more individuals actively engaged in killing or attempting to kill people in a populated area.”¹
The History of Active Shooter Events

• Active Shooter Incidents in 2018

- 27 Events In 16 States
- 213 Victims – excluding the shooter
- 85 Killed
The History of Active Shooter Events

Active Shooter Incidents in 2018

Details

- Four incidents
- Three incidents
- Two incidents
- One incident

© 2019
The History of Active Shooter Events

• Active Shooter Incidents in 2018
  – The shooters
  • 23 - Male
  • 3 - Female
  • 1 - At large still
The History of Active Shooter Events

• Active Shooter Incidents in 2018

  – Their ages
    • 5 in their teens
    • 7 in their 20s
    • 7 in their 30s
    • 3 in their 40s
    • 2 in their 50s
    • 2 in their 60s
    • 1 Unknown
The History of Active Shooter Events

• Active Shooter Incidents in 2018
  – Outcome
  • 10 – Committed suicide
  • 11 – Apprehended by police
  • 4 – Killed by police
  • 1 – Killed by citizens
  • 1 – Still at large
The History of Active Shooter Events

Active Shooter Incidents in 2018

- Venue
  - 9 Incidents occurred in business open to the public
  - 7 Incidents occurred in business environments not open to the public
  - 5 Incidents occurred in educational environments
  - 2 Incidents occurred in open space environments
  - 2 Incidents occurred in health care facilities
  - 1 Incident occurred on government property
  - 1 Incident occurred in a house of worship
The History of Active Shooter Events

• Active Shooter Incidents in 2018
  – Weapons Used
  • 18 Events – Handguns
  • 7 Events – Rifles
  • 2 Events – Shotguns
The History of Active Shooter Events

Quick Look: 277 Active Shooter Incidents in the United States Between 2000 - 2018

Incidents Per Year

Source: Federal Bureau of Investigation, 2018
The History of Active Shooter Events

Quick Look: 277 Active Shooter Incidents in the United States Between 2000 - 2018

Casualties Per Year

- 2000: 7
- 2001: 43
- 2002: 29
- 2003: 51
- 2004: 20
- 2005: 51
- 2006: 46
- 2007: 126
- 2008: 63
- 2009: 143
- 2010: 86
- 2011: 84
- 2012: 208
- 2013: 86
- 2014: 97
- 2015: 134
- 2016: 214
- 2017: 729
- 2018: 213

Source: Federal Bureau of Investigation, 2018
Quick Look: 277 Active Shooter Incidents in the United States Between 2000 - 2018

Location Categories

- **EDUCATION**
  - Schools (Pre-K to 12), 15.2% (42)
  - Institutions of Higher Education, 5.4% (15)

- **COMMERCE**
  - Businesses, Open to pedestrian traffic, 26.7% (74)
  - Malls, 3.6% (10)

- **GOVERNMENT**
  - Other Government Properties, 6.9% (19)
  - Military, 2.5% (7)

- **OPEN SPACE**
  - 13.4% (37)

- **OTHER LOCATION**
  - 0.4% (1)

- **RESIDENCES**
  - 4.3% (12)

- **HEALTH CARE FACILITIES**
  - 4.3% (12)

- **HOUSES OF WORSHIP**
  - 4.0% (11)

Source: Federal Bureau of Investigation, 2018
Active Shooter

• Justin Nojan Sullivan\(^1\)

  – Lived in Morganton, North Carolina
  
  – In 2014, at the age of 17, he reached out to ISIS and began online discussions with a senior recruiter

  – He converted to ISIS, and pledged to conduct an attack in the United States

Active Shooter

• Justin Nojan Sullivan¹
  – In 2015, he was a senior at Morganton High School
    • School officials found multiple documents in his possession where he stated that he wanted to commit a murder, and possibly an attack
    • The school told his parents, and Justin was sent to a psychologist

28. Make up a bunch of goals
29. Jump off a plane
30. Bungee jump from a house
31. Eat a dog
32. Hunt a whale
33. Shoot an animal
34. Blow up somebody
35. Shoot a rocket launcher
36. Make an AK-47
37. Destroy someone's house
38. Learn how to use throwing knives
39. Become skilled with swords
40. Be flexible
41. Meet Simon Cowell
42. Meet Lil Wayne
43. Meet L.A. Reid
44. Meet Jay Z
Active Shooter

• Justin Nojan Sullivan
  – In 2015, he murdered his next door neighbor and bragged about it to the ISIS recruiter
  • He told the recruiter that he was serious and that he wanted his next attack to be “epic”

Active Shooter

- Justin Nojan Sullivan\(^1\)
  - In 2015, his father (a former Marine) became suspicious of his son and contacted local law enforcement
  - The FBI became involved and immediately starting tracking Sullivan

Active Shooter

• Justin Nojan Sullivan¹
  – In 2017, Justin had purchased an AR-15 at a gun show and was planning to conduct a mass shooting at a concert in North Carolina
    • He was talking to an undercover FBI agent and asked him to join “The Islamic State of North America”

Active Shooter

• Justin Nojan Sullivan\(^1\)
  – In 2017, Sullivan was sentenced to life in prison for murder, attempting to provide material support to a designated foreign terror organization, receipt of a silencer with intent to commit a felony, and possession of an unregistered silencer

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Justin Sullivan: acknowledged by the Islamic State and you wanted to be looked at as, like, a hero.
• The terrorism radicalization of adolescents in America continues
• Expect to have a school shooting perpetrated by an adolescent, in which the adolescent has true radicalization or terrorism ties
  – Enamored radicalized believer vs. the true believer
• In nearly all of the high-profile terrorism cases in the United States, the attackers were American citizens radicalized in the United States after consuming online propaganda¹

  – The threat of radicalized terrorists entering the United States to attack pales in comparison to the number of homegrown terrorists¹

Weaponized UAVs
Weaponized UAVs

• In 2015, the National Defense University held the two-day “Game of Drones” war game with UAV experts¹
  – At the conclusion, the experts made several predictions about the use of UAVs
    • Several of these have already come true

Weaponized UAVs

• “Game of Drones” predictions¹:
  – Small commercial drones will launch attacks on civilian, government, and military targets with sufficient standoff distance to protect the drone operator
  – Drones will be used by non-state actors and terrorists to capture and transmit propagandists’ video footage of attacks

Weaponized UAVs

• “Game of Drones” predictions:\[1\]:
  – Drones will be used in terror operations to provide real-time footage for central terrorist leadership
    • This leadership is implementing tactics and creating counter-strategies to thwart the public safety response

Weaponized UAVs

• In 2016, ISIS significantly increased the number of drone bomb attacks on U.S. forces¹
  – ISIS has repeatedly used the $150.00 Chinese Skywalker X8 drone to attack Iraq soldiers, tanks, and buildings with relative pinpoint accuracy¹

“The Islamic State has made considerable progression in delivering improvised explosive devices. They have gone from buried IEDs to vehicle-borne IEDs, and now airborne IEDS.”

- California Representative Duncan Hunter, Senate Committee on Armed Services

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Weaponized UAVs

“In one attack, we had 12 ISIS drones ‘killer bees’ we call them, dropping 40mm nuggets on our troops. It was an immediate challenge.”

– General Raymond Thomas III, head of U.S. Special Operations Command

Weaponized UAVs

September 15, 2013 drone incursion as German Chancellor Merkel and Defense Minister Maiziere held a campaign rally
Weaponized UAVs

August 4, 2018 dual drone explosive attack against Venezuela President Nicolás Maduro as he addressed the Venezuelan National Guard
Weaponized UAVs

“The FBI assesses that, given their retail availability, lack of verified identification requirement to procure, general ease of use, and prior use overseas, UAVs will be used to facilitate an attack in the United States against a vulnerable target, such as a mass gathering.”

— FBI Director Christopher Wray in an October 2018 Senate Homeland Security Committee hearing

Weaponized UAVs

“We have seen terrorist organizations such as ISIS and al-Qaeda using UAVs as weapons. We have also seen MS-13 and Mexican drug cartels encourage this technique to conduct attacks in the United States.”

— FBI Director Christopher Wray in an October 2018 Senate Homeland Security Committee hearing

Weaponized UAVs

“The threat of UAVs is an ongoing problem with limited solutions, especially for American law enforcement. We do not have an effective counter-measure plan that can readily identify and neutralize UAVs.”


Weaponized UAVs

• Counter-response
  – Recognize incursion, and trace the drone signals back to the base station operating them¹
  – Establish a temporary flight restriction zone set up by the Federal Aviation Administration¹

Weaponized UAVs

• Counter-response
  – Several tech companies offer solutions that can detect drones in a 35-mile radius\(^1\)
  – Hard kill laser cannons are available that can neutralize a drone from two miles away\(^1\)

Weaponized UAVs

• Counter-response
  – The Fort Lauderdale Police Department utilized one such system at a Navy Blue Angels’ demonstration\(^1\)
  – The system detected 46 drone flights in restricted airspace, with seven in the actual Blue Angel flight pattern\(^1\)

• Swiss police using anti-drone guns at the World Economic Forum¹

• The guns create an invisible electronic fence that traps the drones, allowing snipers to shoot down the drones¹

Weaponized UAVs

• A significant challenge:
  – The Federal Communications Commission prohibits the use of radio transmission interference, as it may interfere with legal radio transmissions and wireless computer networks

Weaponized UAVs

- Drug cartels using drones
  - Drug cartels are using unmanned drones to carry drugs across the southern border
  - Brandon Judd, an agent and president of the National Border Patrol Council, warned that the border patrol does not have the technology to contain drones

Weaponized UAVs

- Drug cartels using drones

Weaponized UAVs

“Until changes come in the regulatory world, we can only watch as drones fly over our air base.”

– General Holmes, Air Combat Command, Langley Air Force Base

Vehicle-as-a-Weapon
Driver charged after SUV plows through crowd

Police say N.C. grad sought revenge for U.S. treatment of Muslims

CHAPEL HILL, N.C. — A recent University of North Carolina graduate was charged with nine counts of attempted murder Saturday, a day after authorities say he drove through a popular campus gathering spot in an attempt to avenge Muslim deaths.

Derek Poarch, chief of the university police department, confirmed Saturday that Mohammed Reza Taheri-azar, a 22-year-old Iran native, told investigators he wanted to "avenge the deaths or murders of Muslims around the world." Poarch would not provide any other details on the motive.

Taheri-azar also is charged with nine counts of assault.
Vehicle-as-a-Weapon
Vehicle-as-a-Weapon

In this section, the OJS we give our readers suggestions on how to wage their individual Jihad. Here is one idea of how an individual Muslim may do so. It is a simple idea and there is not much involved in its preparation. All that is needed is the willingness to give one’s life for Allah.

The implementation of details of this operation should be subject to the security requirements.

The idea is to use a pickup truck as a mowing machine, not to mow grass but mow down the enemies of Allah. You would need a 4WD pickup truck. The stronger the better. You would then need to weld on steel blades on the front end of the truck. These could be a set of butcher blades or thick sheets of steel. They do not need to be extra sharp because with the speed of the truck, the time of impact, even a blunt edge would slice through bone very easily. You may raise the level of the blades as high as the headlights. That would make the blades hit the targets at the torso level or higher.

Pick your location and timing carefully. Go for the most crowded locations. Narrower streets are also better because it gives less chance for the people to run away. Avoid locations where other vehicles may intercept you.

To achieve maximum carnage, you need to pick up as much speed as you can while still retaining good control of your vehicle in order to maximize your inertia and be able to strike as many people as possible in your first run. Keep in mind that as soon as people realize what you are up to, they would scatter and run in every direction looking for cover. They would look for areas where the vehicle cannot reach them. Therefore, it is important to study your path of operation beforehand.

The ideal location is a place where there are a maximum number of pedestrians and the least number of vehicles. In fact if you can get through to pedestrian only locations that exist in some downtown (city center) areas, that would be fabulous. There are some places that are closed down for vehicles at certain times due to the swarms of people.

If you have access to firearms, carry them with you so that you may use them to finish off your work if your vehicle gets grounded during the attack.

After such an attack, we believe it would be very difficult to get away safely and without being recognized. Hence, it should be considered a martyrdom operation. It’s a one-way road. You keep on fighting until you achieve martyrdom. You start out your day in this world, and by the end of it, you are with Allah.

This idea could be implemented in countries like the U.S., Britain, Canada, Australia, France, Germany, Denmark, Holland and other countries where the government and public sentiment is in support of the Israeli occupation of Palestine, the American Invasion of Afghanistan and Iraq or countries that had a prominent role in the defamation of Muhammad. In such countries we may strike at the public at large. As long as they target our non-combatants, we will target theirs.

This is one of many ways to implement this idea. You may modify it and add or subtract to it according to what is suitable for your particular conditions.

If Allah guides your heart to such a great operation please leave behind a note. Tell the world why you did it.
Vehicle as a Weapon

Inspire Magazine 2011, Issue 2
Vehicle as a Weapon

• “The Ultimate Mowing Machine”¹
  – Go for the most crowded location
  – Narrow locations are best, victims can’t run away
  – You’ll get one chance, maximize your speed against your ability to retain control
  – Study your location in advance
  – Use “pedestrian only” locations to maximize the number of victims

¹Ibrahim, Y, (2011). The ultimate mowing machine. Inspire Magazine (2)
Vehicle-as-a-Weapon
JUST TERROR TACTICS

TRUCK ATTACKS

The Ideal Vehicle

- Slightly Raised Chassis and Bumper
- Fast in Speed or Rate of Acceleration
- Double-Wheeled, Load-Bearing Truck

How to Acquire a Vehicle

1. Buying
2. Renting
3. Taking from a Ka'ifir by Force or Deception
   ("Borrowing" from a Ka'ifir or Muttadid)

Large in Size, Heavy in Weight

12 Ideal Targets

1. Large Outdoor Festivals, Conventions, Celebrations, and Parades
2. Pedestrian-Congested Streets (High/Main Streets)
3. Outdoor Markets
4. Outdoor Rallies

The Ideal Vehicle:

- Outdoor market
- Troops
- Troops
- Political rallies

In general, one should avoid choosing large crowds.

When deciding where to attack, it is essential to understand what is happening in the neighborhood. It is vital to know what is happening in the area.

Preparation:

- Arrange vehicle for attack
- Filling vehicle with sufficient fuel
- Selecting the right route
- Scouting the area

Vehicles:

- Smaller vehicles are easier to maneuver
- Larger vehicles are more difficult to maneuver

Vehicles to Avoid:

- Small cars
- Large SUVs

The Ideal Vehicle:

- Large truck
- Heavy in weight
- Large in size

RUMIYAH
Route of truck
The truck drove into people for about 1.3 miles, or 2 kilometers.

Areas where bodies could be seen in video and pictures.

Approximate location where truck stopped

Videos posted online showed crowds running in these directions.

CHILDREN'S HOSPITAL

1,000 FEET

Bodies

NICE

RUE DU CONGRÈS

PROMENADE DES ANGLAIS

AV. DE BELLET

PLACE MASSENA
Vehicle as a Weapon

• 2016 Nice Truck Attack
  - On the evening of 14 July 2016, a 19-ton cargo truck was deliberately driven into crowds of people celebrating Bastille Day on the Promenade des Anglais

  – 86 people killed
  – 458 Injured
انطلاق الأَخ الإِسْتَشَهَادِي بِعَرِبِهِ المُفْخَخَةِ الَّتِي تَزن 8 طن نحو هدفه لِدِلُوِّ النُصُرَرِيَّةِ في حَاجِزٍ (المفرق) شمَال شِرْق مَدِينة القُريَّتين
Killdozer

• It was June 4, 2004 when 52-year-old Marvin Heemeyer went on a rampage through the town of Granby Colorado, destroying or damaging 13 buildings
Killdozer

• Komatsu D335A 2,000-pound bulldozer
  – Armor plating covering the cabin, engine, and most of the tracks
  – The armor plating was two, one-inch thick metal plates with 5000-PSI Quickrete concrete poured in between the plates to make composite armor
  – The armor was resistant to 200 rounds of long gun ammunition and multiple explosives (three large charges)
Killdozer

- Komatsu D335A 2,000 pound bulldozer
  - Several video cameras provided visibility, each protected with three-inch thick, ballistic-resistant plastic
  - Three guns ports
    - .50 caliber
    - .308 semi-automatic
    - .22 long rifle
Chemical and Biological Attacks
“The danger of chemical and biological agents as a weapon, in particular by terrorist groups, must be taken seriously.”¹

Chem-Bio Attacks

“Sweden recognizes the use of chemical weapons by non-state actors poses a grave risk and major security concern.”

– The 2017 Swedish 84th Session of the Executive Council of the Organization for the Prohibition of Chemical Weapons

Chem-Bio Attacks

“The European Union has grave concerns about the risk of non-state actors acquiring and using toxic chemicals in attacks.”

– The 2017 84th Session of the Executive Council of the Organization for the Prohibition of Chemical Weapons

Chem-Bio Attacks

• IS’s increased presence in the United States
  - The Federal Bureau of Investigation has investigated IS suspects in all 50 U.S. states
  - Other Western countries has created more opportunities for the group to smuggle CB weapons and plot and launch attacks with them in the West

1 https://www.domesticpreparedness.com/resilience/the-evolving-chemical-biological-terrorism-threat/
Chem-Bio Attacks

- Small groups of non-state actors with operational experience have already launched multiple, low-level attacks with chemical weapons\(^1\)
- Crude chemical weapons are clearly in the expertise of terror organizations and radical group\(^1\)

Chem-Bio Attacks

“The use of low-level chemical weapon attacks, especially in conjunction with other mass killing attacks remains grimly fashionable among terror groups.”

Chem-Bio Attacks

• In 2006, al-Qaeda utilized three chlorine-augmented VBIED attacks¹
  – The attacks killed six people and injured 350 Iraq civilians and six U.S. troops²
  – One attack utilized a pickup with a 200-gallon chlorine tank²
  – Another attack utilized a dump truck with a 300-gallon chlorine tank²

Chem-Bio Attacks

• **January 6, 2005: Graniteville, SC**¹
  
  – At 0240, an inbound Norfolk Southern train traveling 45 MPH smashed into a parked train, first striking a chlorine tank car
  
  – The car ruptured, spilling 11,500 gallons of chlorine into the community
  
  – 10 people were killed and 1,450 people were injured outright
  
  • More than 500 people suffered permanent lung disability

Chem-Bio Attacks

• January 6, 2005: Graniteville, SC
  – The cloud of chlorine gas spread more than 18 miles
  – 5,000 people were immediately evacuated
  – According to the Graniteville Recovery and Chlorine Epidemiology Study Center, this was the largest population exposure to chlorine gas in United States’ history

Chem-Bio Attacks

• January 6, 2005: Graniteville, SC
  – The Graniteville Fire Department lost all of their apparatus and fire stations\textsuperscript{1}
  – Within one week, every piece of metal on the trucks and the equipment had turned green\textsuperscript{1}
  – The color bleached out of all of their turnout gear\textsuperscript{1}

Chem-Bio Attacks

• 500 grams of a shape charge can effectively create a significant hole in a chlorine tank car
  – The ideal attack is a catastrophic failure of one car followed by a slow, insidious leak of another car

• Most tank cars are left unattended on tracks, either at switching stations or near the end-user
Chem-Bio Attacks
Chem-Bio Attacks
Chem-Bio Attacks

• On January 31, 2019, Customs and Border Protection officers discovered 254 pounds of fentanyl at a border checkpoint in Nogales, Arizona\(^1\)
  – The load contained enough lethal doses for 100 million people\(^1\)

“The weaponization of fentanyl or its derivatives, is a very serious threat to the United States. The Department of Homeland Security’s Science and Technology Division is currently working on a counter-response. Unfortunately, we do not have enough Narcan in the United States to combat the amount of fentanyl seized in Arizona this past week.”

- A DHS executive speaking on the condition of anonymity on February 7, 2019
Fire as a Weapon
Fire as a Weapon
Fire-as-a-Weapon

Inspire Magazine, Issue 9 published Winter of 2012 devoted 11 pages to the use of fire-as-a-weapon
Fire as a Weapon

- **The new ISIS terror weapon is fire**
- **This is an option for anyone wishing to join the terror campaign**
- **With some readily accessible items, one can terrorize a nation**

Fire as a Weapon

“An intentional starting of fires during a Santa Ana wind storm would be catastrophic. If someone launched Japanese lanterns, we would have fire spreading at a rate that would eclipse any of the resources we could muster.”

- Ofer Lichtman, Rancho Cucamonga Fire Department, and member of the FBI JTTF
Fire as a Weapon
“If I was going to do an attack, I would send three people out in vehicles with flare guns. They would be able to set about 60 fires each in an hour as they moved in one jurisdiction. I would then deploy my coordinated assault teams. I would have those three fire-starters follow up with a flank assault on public safety.”

- M.F., former Delta operator
June 2018: Palestinians launched more than 5,000 kite and balloon-borne improvised incendiary devices into Israel\(^1\)

– These started more than 450 fires, destroying 2,200 acres, and causing $2 million in loss\(^2\)

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“It may look romantic- a small boy flying a kite like the movie Mary Poppins- but the truth is much different. These are terror attacks with significant IIDs and IEDs.”

— IDF Intelligence Director Major General Tamir Heyman

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Fire as a Weapon

- Palestinians also launched multiple balloons filled with helium with cell-phone initiated pipe bombs hanging under the balloons\(^1\)

How To Make A Legal Homemade Flamethrower
https://flamethrowerplans.com

Learn how to make a homemade flamethrower capable of launching 45 foot flames at a fraction of the costs of the xm42 and x15 flamethrower for sale
Sentinel Events
Sentinel Events

• July 7, 2016: Dallas, Texas¹
  – Perpetrator armed with an SKS rifle and a handgun
  – Perpetrator dressed in tactical clothing
  – Attack occurred at street level, and then progressed into a standoff inside the El Centro College campus
    • He barricades inside the mezzanine between the second and third floors, firing outside the windows

Sentinel Events

• July 7, 2016: Dallas, Texas\(^1\)
  – Five officers were killed
  – Nine officers were injured
  – Two civilians were injured
  – Perpetrator killed by law enforcement

July 7, 2016: Dallas, Texas¹

- For the first 30 minutes of the attack, officers thought there were at least four rooftop snipers, triangulating attacks
- Police detained 20 people who were dressed in camouflage and armed with long guns
  - Open carry is legal in Texas, including open carry of long guns

January 16, 2018: York, South Carolina

- Police called to the house for a domestic violence call at 2200
- When officers arrived, the suspect shot a deputy and then fled into the nearby woods
- The officer’s partner returned fire and then moved the downed officer to safety
- SWAT is called to the house

Sentinel Events

- **January 16, 2018: York, South Carolina**
  - As SWAT operators search the woods at 0100, the suspect shoots three SWAT officers
    - One round strikes Detective Doty in the throat, one officer is shot in the leg, another officer is shot in his ballistic helmet
  - The suspect then shoots at a police helicopter, striking the helicopter’s tail rotor, forcing an emergency landing

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Sentinel Events

• January 16, 2018: York, South Carolina¹
  – The suspect had the following:
    • Multiple long guns and a handgun
    • Night vision goggles
    • A battle belt with the following:
      – Two canteens
      – Camouflage face paint
      – A knife
      – Six 30-round magazines

Sentinel Events

• October 4, 2018: Florence, South Carolina
  – Police contacted the suspect and told him they were coming to serve a warrant
  – Suspect barricades himself in his 6,500 square-feet house
    • He uses his foster children in the house as human shields to deter a counter-assault
  – Suspect is armed with a long gun and has a 300-yard view of the road leading to his house

• October 4, 2018: Florence, South Carolina¹
  – Suspect is barricaded on the second floor with a rifle, moving from room to room
  – He shoots seven officers, killing one and leaving three critical
  – Officer rescues are made using the armored vehicle (MRAP)
  – Two-hour standoff before taken into custody

Sentinel Events

• July 4, 2015
  – 12,000 pound armored Humvee stolen from Fort Gordon by an ex-Army veteran\(^1\)
  – The suspect stole the vehicle that was on display at the main gates\(^1\)
  – The suspect leads police on a 25-mile chase on I-20 through two states\(^1\)

Sentinel Events

Soldier busted after joyride in stolen military vehicle

by John Cuoco

FORT HOOD- A Fort Hood soldier is in serious trouble after stealing a military vehicle and using it as a battering ram on post.

According to Fort Hood officials, on Sunday a soldier stole a Stryker Fire Support Vehicle from the motorpool.

The soldier then drove through several gates, eventually stopped by Fort Hood Police.

The vehicle apparently caused only minor damage and no one was injured during the joyride.

The case is currently under investigation.

The soldier’s name has not been released. Officials are also not releasing sound or video from the incident as of yet.
Sentinel Events

June 6, 2018: Fort Pickett, Virginia
Sentinel Events

• August 30, 2018
  – Fort Hood theft from a secure cage¹
    • 61 M50 CBRN masks
    • Three AN-UDR-13 Radiac Test sets (compact portable detectors for neutron/gamma radiation)
    • 240 rounds of 5.56x45 rifle ammunition
    • 230 rounds of M882 9x19mm pistol ball ammunition

Trends in Mass Violence Attacks
• Non-attack spotters
  – The use of non-attack spotters, who provide the attackers and remotely-located attack commanders with real time intelligence
  – At the Beslan school shooting, it is estimated that there were 20 spotters in the community, providing intelligence to the attackers in the school

Attack Trends

• Extensive planning and preparation
  – According to Russian government reports, a Chechen-owned construction company performed extensive renovations on Beslan Middle School #1 one month prior to the attack¹
  – Survivors from the attack, stated that attackers lifted up floor boards where weapons and explosives were stored¹

• Extensive planning and preparation
  – In an effort to keep costs low, the North Carolina State Bureau of Investigations used state prisoners to conduct renovations on SBI headquarters in Raleigh, NC
  • The female SBI agents had to work in another building, because many of the inmates were registered sex offenders
• Extensive planning and preparation
  – In an effort to keep costs low, the South Carolina State Law Enforcement Academy uses state prisoners to clean the dormitories and classrooms used by the recruit law enforcement officers
  • The prisoners have full access to see the names, locations, and agency of the new police officers
Attack Trends

The Associated Press

COLUMBUS — Columbus Police Chief Billy Pickens lost a handgun and cell phone from his patrol car while it was being washed by prisoners at the local training center. The incident occurred Friday.

The gun, a Smith & Wesson 9 mm, has not been found.
• Extensive planning and preparation
  – Unless specifically exempted under state legislation, school and government building floorplans are all public records
    • Local planning department
    • Code enforcement department
    • Fire marshal’s office
  – Note that very few states have exemptions that protect these plans from FOIA requests
Attack Trends

• North Carolina General Statute § 132-1.7: Sensitive Public Security Information
  – “Information relating to the adoption of public security plans and arrangements, and budgetary information concerning the authorization or expenditure of public funds to implement public security plans and arrangements, or for the construction, renovation, or repair of public buildings and infrastructure facilities shall be public records.”¹

Attack Trends

• Speed and ferocity of the attack
  – The speed and ferocity creates several issues:
    • People do not have time to comprehend an attack is ongoing
    • Limited to no time for civilians to muster a counter-response
    • Confusion whether the attackers are police officers or not

Attack Trends

• Speed and ferocity of the attack
  – Examples of where the speed and ferocity created significant civilian confusion:
    • Beslan
    • Virginia Tech
    • Bataclan Theater
    • Utoya Island
    • Inland Regional Center
    • Las Vegas Route 91
Attack Trends

- Attackers monitoring local public safety radio response to the event

Surveillance

• A large 2016 survey in the United States found that 95% of the local “See Something, Say Something” phone numbers go to voicemail and the voicemail box is full\(^1\)

Surveillance

• Typical low-level terrorist attacks take 1 – 2 years of planning\(^1\)
• Typical large-scale terrorist attacks take 5 – 10 years of planning\(^1\)

Surveillance

• Najibullah Zazi led an American-based al-Qaeda group in New York City planning to bomb the subway system

• For this operation, there was a logistics team in Denver, a surveillance team in New Jersey, and an attack team in New York City

Surveillance

• The best way to do surveillance is to do it where everyone sees you\(^1\)

Turns Out Wearing a Hi-Vis Vest Gets You Into Everything for Free

A hi-vis vest is your key to the world. Free visits to the zoo, the movies, and even free access to see my favourite awesome band, Coldplay.

Surveillance

David Allegreti stage side at the Coldplay concert
Surveillance

Inside the giraffe enclosure at the Melbourne Zoo
“All in all, our high visibility safety vest experiment proved what I always knew to be true: you never know until you try. Life is totally permeable in ways you never expect. Thanks to these vests, we got into places for free and got some very nice perks. If I were to give you one piece of advice it would be this; go get yourself a hi-vis vest. The rest is free.”

- David Allegreti

Closing
Winnie the Pooh feared Heffalumps (a type of elephant), Woozles (a weasel), and Jaguars (jaguars) who he always feared would come and steal his honey\(^1\)

These characters never appeared in any Pooh story, yet he prepared diligently for their effect on the peacefulness of Hundred Acres Woods\(^1\)

Closing

• Pooh never saw a single one of these creatures, yet he knew the potential for danger was high enough that he need to expend great effort to prevent the theft of his honey\(^1\)

Contact Information

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