

# 2022 PIT-BULL VX<sup>®</sup>

## ESPECIAL EDITION



**LEVEL A9**

AGAINST 7.62 x 39mm AP, 5.56 x 45mm AP, 7.62 x 51mm AP



## GLASS

- 40mm thick (A9/B6+ armor level)
- Anti-spall shield layer
- Multi-hit protection

## DOORS

- Four (4) side doors
- Single rear door is 43 inches wide
- Ballistic steel door pillars
- Custom heavy-duty door hinges
- Exterior paddle style handles for rapid entry
- Grab handles on interior/exterior of all doors
- 4-point manual deadbolt locking system

## ELECTRICAL & LIGHTING

- All wires are loomed and clearly marked
- 3 switched red & white dome lights
- 2 roof mounted GoLights with toggle
- P.A. / multi-siren system
- Red and blue strobe lights on all sides
- Equipment & accessories control console

## SEATING (Choice of Bench or Blast)

- OEM Driver & Passenger seats
- OEM 3-point seat belts (driver/passenger)
- Rear bench seating and 2 point seatbelts
- 2 bench seats lift up for additional storage
- 2 jump seats behind driver and passenger
- Total seating for ten (10) personnel

## CLIMATE CONTROL

- Front cab utilizes OEM climate controls
- Rear independent high output A/C system
- Smoke extraction/ventilation fans

## WHEELS & TIRES

- Rims: 20"x11" forged aluminum
- Tires: Michelin XZL 335/80R20 tubeless
- Run-flats installed on all wheels

## STANDARD FEATURES & ACCESSORIES

- First aid kit and fire extinguisher in front
- Rear pintle hook installed below foot rail
- Ballistic fuel tank armoring
- Lockable fuel door
- Reinforced door pillars and posts
- Tailpipe protection
- Suspension components are reinforced
- Manual shift 4-wheel drive

## INTERIOR FEATURES

- Insulated dual-wall construction
- Rubber floor in front cab compartment
- Anti slip heavy duty textured rear floor

## EXTERIOR FEATURES

- Front RAM bumper mounted to frame
- Grab handles and 12" wide foot rails
- Dual door roof escape hatches
- Roof Hatch (turret is an option)



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# VEHICLE SPECIFICATIONS FOR PIT-BULL®

ARMOR LEVEL:	A9/B6+ NIJ III
MAKE/MODEL:	Ford F-550 4x4 / PIT-BULL VX®
ENGINE:	6.7L V8 TURBO-DIESEL
TRANSMISSION:	6-Speed Automatic and Reverse
POWER:	330 HP & 825 lb-ft.
SEATING:	2 – 8 Crew
WHEELS:	20 x 11 MILITARY / TACTICAL
TIRES:	Goodyear / G275MSA 335/80R20
GVWR:	19,500 lbs (8,845 Kg)
FINAL WEIGHT:	Approx. 17,800 lbs (8,073 Kg)
EMISSIONS:	EURO 3> or U.S. CALI Standard
LENGTH:	245 IN. (622CM)
WHEELBASE:	145.5 IN. (369 CM)
HEIGHT:	100 IN. (254 CM)
WIDTH:	95 IN. (241 CM)
CLEARANCE:	12 IN. (31 CM)



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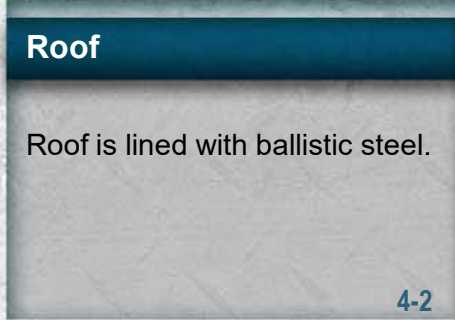
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### Firewall

Ballistic steel firewall provides protection up front.

4-1



### Roof

Roof is lined with ballistic steel.

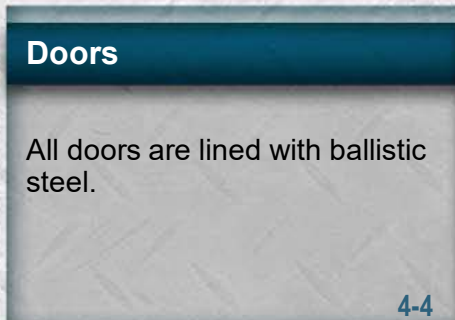
4-2



### Floor

Entire floor is lined with ballistic steel.

4-3



### Doors

All doors are lined with ballistic steel.

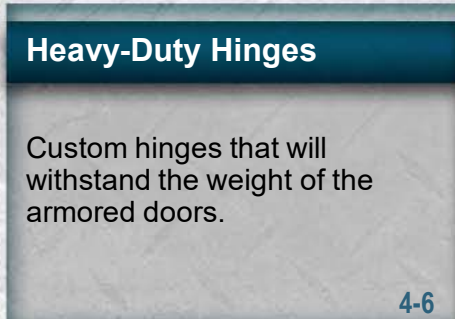
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### Frames-Windows

All window frames are designed in a modular way for better protection and ease of replacement for maintenance.

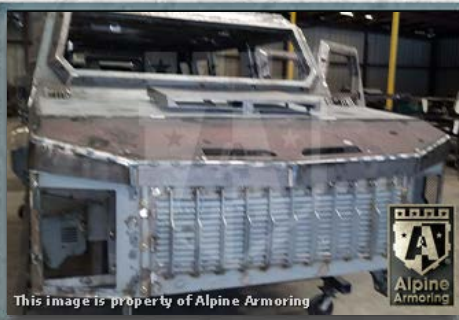
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### Heavy-Duty Hinges

Custom hinges that will withstand the weight of the armored doors.

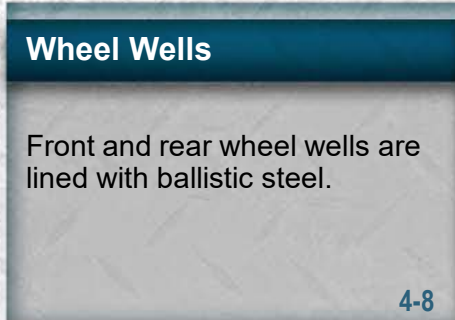
4-6



### Engine Bay Protection

All body panels that surround the engine bay are constructed out of ballistic steel.

4-7



### Wheel Wells

Front and rear wheel wells are lined with ballistic steel.

4-8





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### Frame Construction

Along with the body panels, the frame is constructed out of ballistic steel.

5-1

### 4-Point Locking Mechanism

All five (5) doors feature a heavy-duty locking mechanism that can only be unlocked from inside.

5-2



### Radiator Protection

A ballistic steel shroud is installed in front of the radiator.

5-3

### Fuel Tank Protection

Fuel tank is fully protected and is encased in ballistic steel.

5-4



### Armored Turret

Rotable armored turret with armored hatch. This device is not normally offered in a standard package. **(OPTIONAL -additional cost required.)**

5-5

### Escape Hatches

Two rear escape hatches are built into the rear section of the roof (up to three). **(OPTIONAL -additional cost required.)**

5-6



### Rear Door

Featuring a single rear door that swings for a wide opening, constructed out of ballistic steel.

5-7

### Heavy-Duty Bumper

Customized design, Installed directly to the frame. Can be used as a ramming device. Made from ballistic steel.

5-8





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### Glass Thickness

Minimum 40 (to max 42) mm thick Certified NIJ Tested glass/polycarbonate composite transparent armor.

6-1

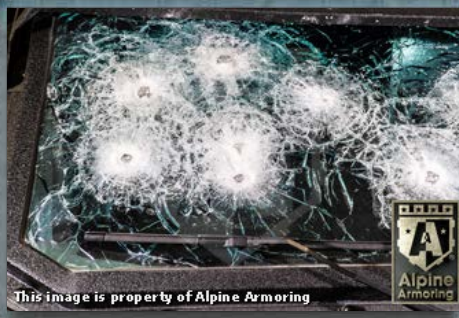


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### Anti-Spall Layer

Inner-most anti-spall layer prevents glass and bullet fragments from penetrating into passenger cabin area.

6-3



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### Multi-Hit Protection

All windows are capable of sustaining multiple hits while providing protection to passengers.

6-5

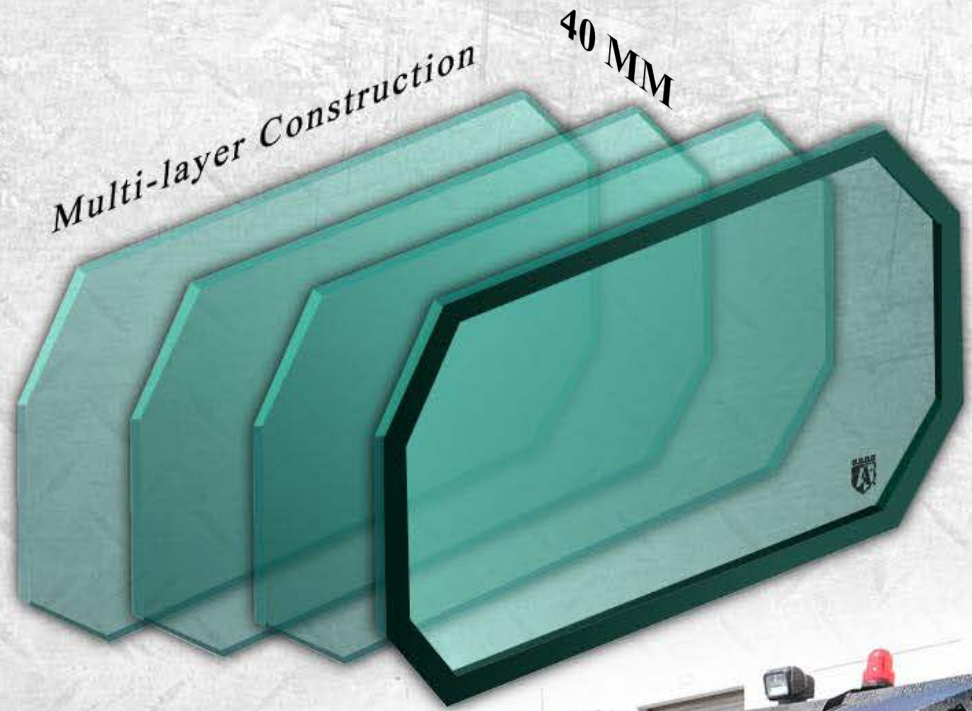


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### Anchored Windows

All windows are anchored for additional protection from explosions.

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### Control Console

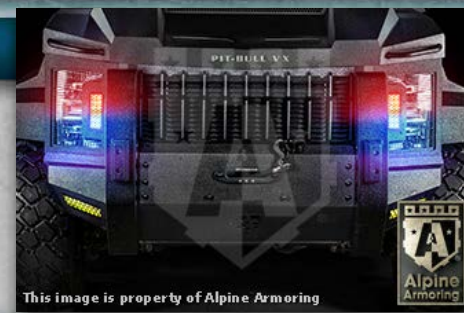
Features controls for high intensity lights, strobes, cabin fans. P.A./multi-siren system and more switches, mounted at the back of the panel.

8-1

### Strobe Lights

Pairs of red & blue strobe lights are mounted to each of the four sides of the vehicle. Total of 8 (4 red + 4 blue) lights.

8-5



### P.A./Multi-Siren System

Located on the center console. The multi-siren features standard siren tones, volume adjustment, and a public address system.

8-2

### High Intensity Lights

A set of two (2) GoLights are installed on the front of the roof. Control switches are located on the center console in the front cabin.

8-6



### Suspension Upgrades

All springs and shocks are replaced with upgraded versions to accommodate the weight of armoring.

8-3

### Rear A/C System

Fully independent high BTU hot/cold air A/C system is installed in the rear cabin.

8-7



### Heavy-Duty Bull Bar

Installed directly to the frame. Constructed out of ballistic steel.

8-4

### Lockable Fuel Doors

Seals your gas tank to OE specs and resistant to gasoline and other hazardous chemicals.

8-8





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### Exterior Running Boards

Running boards are built in on both sides of the vehicle.

9-1



### Extended Running Boards

Rear extended running boards built for easier and faster crew deployment.

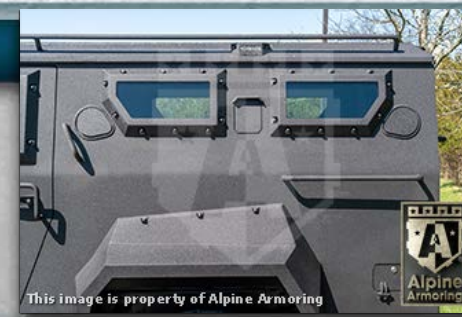
9-5



### Jump Seats

Located behind the driver and passenger seats. The seat bottoms are spring-loaded and retract automatically.

9-2



### Viewing Windows

A total of six (6) viewing windows are located in the rear cabin. There are two (2) on each side and two (2) on the rear door.

9-6



### Bench Seats (Standard)

This is the standard seat option. Each bench includes lap belts and gear storage underneath.

9-3



### Exterior Hand Rails

A variety of vertical and horizontal handle bars are built into the exterior of the vehicle.

9-7



### Manual Shift 4-Wheel Dr.

This is the optional manual shift 4-wheel drive.

9-4



### Gun Ports

A total of nine (9) gun ports are installed on the vehicle. Four (4) are on each and one (1) on the rear door.

9-8







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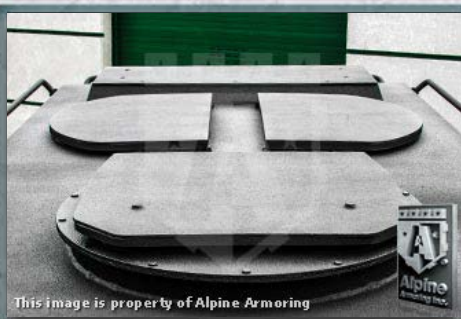
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### Military Wheels & Tires

Wheels are 20"x11" tactical and the tires are heavy-duty off-road rated. Tires are 335/80R20.

10-1



### Roof Hatch

A roof hatch can be built in and constructed out of ballistic steel. Hatch locks in place at 90 degrees.

10-2



### Hydraulic Jack

A heavy-duty jack is located in the rear cabin and is rated to handle more than the vehicle's total weight.

10-3



### Tool Kit & Extinguisher

A basic tire changing tool kit and fire extinguisher are mounted in the rear cabin.

10-4

### Battery Protection

Located under the floor panel next to the rear passenger side door. Protects both batteries in a ballistic steel box.

10-5



### Cabin Fan System

Built into the rear of the cabin, is a push/pull fan system. Each pair of fans can be operated independently from the front control console.

10-6



### Tailpipe Protection

Protects exhaust pipe from being sabotaged.

10-7



### First Aid Kit

Mounted to the back of the center console for quick access.

10-8





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### Side Cameras

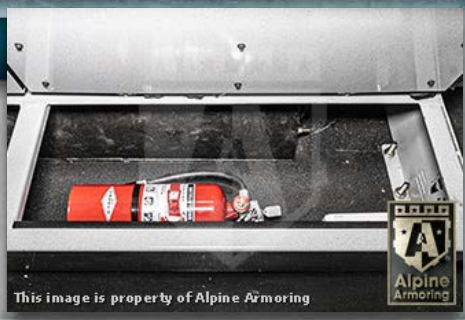
are four (4) exterior cameras (Front, 2 sides, and Rear). Above the windshield in the interior is a monitor that can show up to four (4) cameras at once as a live feed.

10-1

### Fire Extinguisher

A fire extinguisher located inside the seating bench storage.

10-5



### Fog Lights

Installed on the Pit-Bull VX® are high-intensity front fog lights and rear search lights activated from the center console.

10-2

### Wireless Phone Charger

The wireless phone charging pad is designed for simultaneous phone storage and charging. Just set your cellphone on the pad to start charging your phone.

10-6



### Rear Search Lights

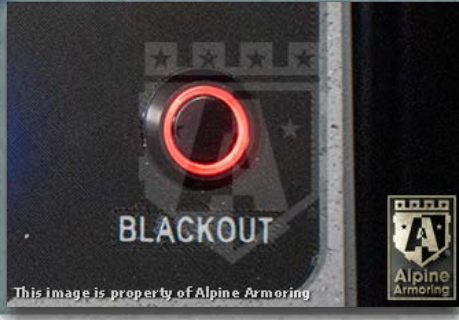
Installed on the rear of the vehicle and activated from the center console.

10-3

### Battery Killswitch

For storing these vehicles, let vehicle go to sleep after engine shut off.

10-7



### Blackout Switch

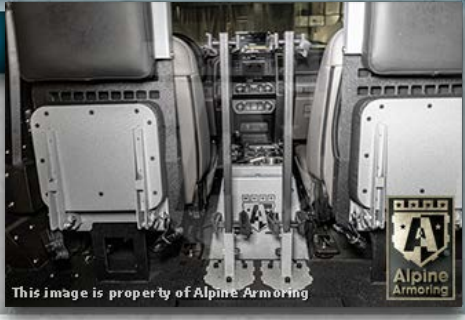
This button will turn off any OEM exterior lights. This button will not turn off the exterior strobe lights, fog lights or front or rear search lights.

10-4

### Gun Racks

Designed to Offer Quick and Easy Access To Shotguns, Automatic Weapons. One or Two Weapons Can Be Mounted.

10-8





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**Type G Outlet**

A G Power outlet is installed on the bench seat. A british three-pin rectangular blade plug that has a protective fuse inside to protect cords from high-current circuits .

10-1

**Heavy Duty Winch**

To activate the front winch, first locate the controller in the glovebox. The controller can be unplugged to be used wirelessly. Using the release knob for the winch, turn to Disengaged

10-5



**USB Port**

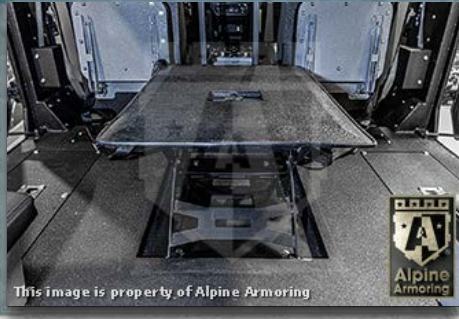
A USB Port Power outlet is installed in the bench seat. You can attach mobile devices. It is also used for charging portable products

10-2

**Night Vision Monitor**

This system designed for tactical discreet operation. After pushing the "Blackout" button on the center console, the occupants can still see what is in front of them in the night.

10-6



**Platform Lift**

Manually adjustable and do not require hydraulics or electrical assist to achieve the desired height.

10-3

**4 Way Exterior Monitor**

There are four (4) exterior cameras (Front, 2 sides, and Rear). Above the windshield in the interior is a monitor that can show up to four (4) cameras at once as a live feed

10-7



**Individual Lights / Switch**

The dome lights are designed with the law enforcement in mind, to reduce officer targeting and improve officer safety.

10-4

**Winch Hook (Not Towing)**

This is not a tow point. do not tow anything with this . warranty may be voided if used..

10-8





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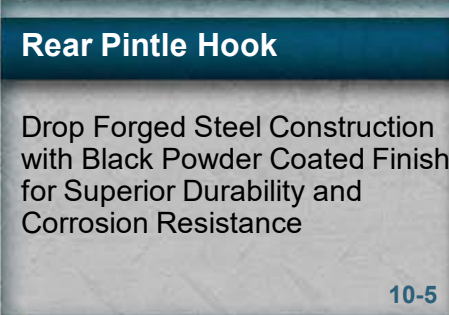
12  
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### Deadbolt Lock System

All 5 of the doors (2 driver side, 2 passenger side, & 1 rear) on the vehicle are equipped with heavy duty dead-bolt locks that work independently of the single-post door locks.

10-1



### Rear Pintle Hook

Drop Forged Steel Construction with Black Powder Coated Finish for Superior Durability and Corrosion Resistance

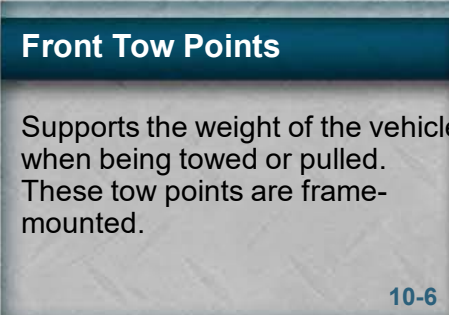
10-5



### Rear Swing Door Lock

The rear swinging door has a 90 degree locking mechanism designed for rapid tactical entry/exit of the vehicle.

10-2



### Front Tow Points

Supports the weight of the vehicle when being towed or pulled. These tow points are frame-mounted.

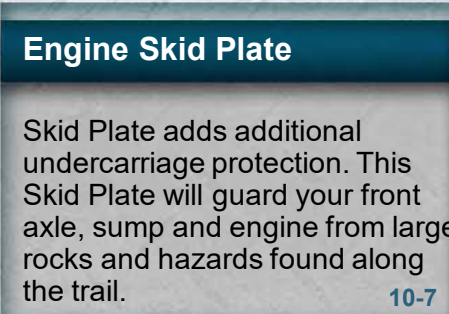
10-6



### Heavy Duty Hinges

Custom made of heavy duty steel capable of supporting ballistic doors.

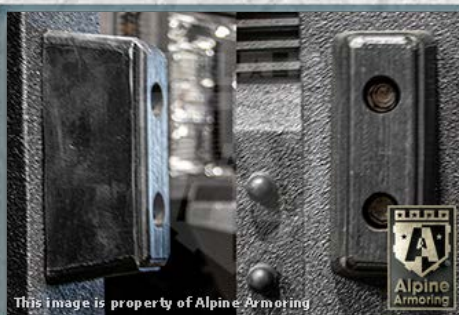
10-3



### Engine Skid Plate

Skid Plate adds additional undercarriage protection. This Skid Plate will guard your front axle, sump and engine from large rocks and hazards found along the trail.

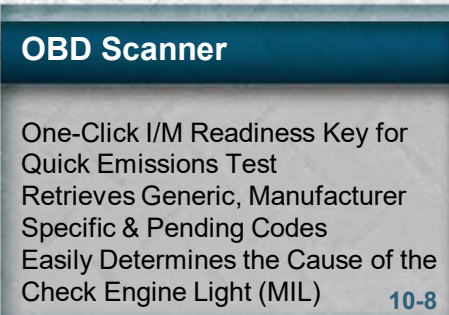
10-7



### Rubberized front Bumper

Constructed from heavy-duty, compression-molded rubber for high-impact resistance.

10-4



### OBD Scanner

One-Click I/M Readiness Key for Quick Emissions Test  
Retrieves Generic, Manufacturer Specific & Pending Codes  
Easily Determines the Cause of the Check Engine Light (MIL)

10-8



# COMPLETED VEHICLE PHOTOS: EXTERIOR



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COMPLETED VEHICLE PHOTOS: EXTERIOR



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14-1



14-2



14-3



14-4



# COMPLETED VEHICLE PHOTOS: INTERIOR



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# ALPINE ARMORING'S BALLISTIC CHART

WEAPONS	SPECS			LEVELS					BULLETS			NUMBER OF SHOTS	
	TYPE	CALIBER (mm)	CLASS	STANAG	UL	ALPINE	NIJ	CEN	MASS (g)	MATERIAL	VELOCITY		
	.38 Special	9 x 19	Handgun	—	1	A1	I,II,IIA	—	8.00	LCCJ	358 M/S	5	
	.357 Magnum	9 x 33	Handgun	—	2	A2	I,IIA	B1 & B3	10.20	JSP	430 M/S	5	
	.44 Magnum	11 x 33	Handgun	—	3	A3	IIIA	B4	15.60	LWC	440 M/S	5	
	MP5	9 x 19	SMG	—	6	A4	IIIA	B2	8.00	LCCJ	427 M/S	5	
	Shotgun	12 Gauge	Shotgun	—	3 & 4	A5	IIIA	SG2	28.30	SLUG	503 M/S	3	
	Tokarev	7.62 x 25	Handgun	—	—	A5	IIIA	—	5.50	LCSJ	488 M/S	5	
	Kalashnikov (AK-47)	7.62 x 39	Assault Rifle	—	—	A6	III	B5	9.70	SCCJ	732 M/S	5	
	Kalashnikov (AK-47 Military)	7.62 x 39 API BZ	Assault Rifle	II	—	A7	—	B5+	11.70	SCCJ	774 M/S	5	
	M16/AR-15	5.56 x 45 NATO SS109 5.56 x 45 NATO Ball	Assault Rifle	I	7	A8	IV	B5	4.00	SCCJ LCCJ	900 M/S 833 M/S	3	
	Winchester .308	7.62 x 51	Rifle	I	7	A9	III	B6	10.90	LCCJ	810 M/S	5	
	Remington 700 SPS	7.62 x 63 AP (.30-06) 7.62 x 51AP (WC core)	High-Power Rifle	III	5 & 8	A10	IV	B7-	10.80 8.40	AP	869 M/S 930 M/S	5	
	Dragunov	7.62 x 54R B32 API	Sniper Rifle	III	—	A11	IV+	B7+	10.04	SCCJ	854 M/S	1	
	.50 Cal	12.7 x 99	High-Power Rifle	IV	10	A12	—	—	45.00	CJ	908 M/S	1	

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**UL** ..... Underwriters Laboratory, 752  
**NIJ** ..... National Institute of Justice, 0108.01  
**CEN** ..... European Standard  
**STANAG** ... NATO's Standard (STANAG 4569)  
**ALPINE** .... Alpine Armoring's Certified Standard

**LCCJ** ..... Lead Core Copper Jacket  
**JSP** ..... Jacketed Soft Point  
**LWC** ..... Lead Wad Cutter  
**LCSJ** ..... Lead Core Steel Jacket  
**SCCJ** ..... Steel Core Copper Jacket  
**AP** ..... Armor Piercing  
**SG** ..... Shotgun

**Shots (5)** .... 11.4 cm Square Pattern (Corners & Center)  
**Shots (3)** .... 11.4 cm Triangular Pattern  
**Velocity** ..... Minimum Measured Velocity  
**NIJ Rating** .. Levels I, II, IIA, & IIIA (based on 1 of 2 required calibers of ballistic threat)



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### PIT-BULL VX® SWAT TRUCK

This vehicle, as proposed to the client in this quote, would be under Alpine Armoring's premium warranty covering all added armored parts and labor as well as all added accessories for one full year, effective the day of sale. Additional warranty for longer period is available upon request.

Alpine Armoring Inc. hereby honors this warranty in the United States and around the world against any and all related manufacturer's defects, including parts & labor..

MANAGEMENT AUTHORIZED  
ALPINE ARMORING INC.  
CHANTILLY, VIRGINIA, USA

DATE ISSUED

