Typically Armored to Level A9/B6+
Against 7.62x39, 5.56x45, 7.62x51, M193, & M80 Ball

Can be Armored to ANY Level
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ARMORING & FEATURES OVERVIEW

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

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)
**Ballistic Steel Firewall**

Ballistic steel firewall provides protection up front.

**Entire Floor**

Entire floor is lined with ballistic steel.

**All Window Frames**

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

**Engine Bay Protection**

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

**Roof**

Roof is lined with ballistic steel at an angle.

**All Doors**

All doors are lined with ballistic steel.

**Custom Heavy-Duty Hinges**

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

**Front and Rear Wheel Wells**

Front and rear wheel wells are lined with ballistic steel.
Frame Construction
Along with the body panels, the frame is constructed out of ballistic steel.

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

Armored Turret (Option)
Rotatable armored turret with armored hatch. This device is not normally offered in a standard package.

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

4-Point Dead Bolts
All five (5) doors feature a heavy-duty 4-point deadbolt locking mechanism that can only be unlocked from inside.

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

Escape Hatches
Two rear escape hatches are built into the rear section of the roof (up to three).

Heavy-Duty Bumper
Customized design, installed directly to the frame. Can be used as a ramming device. Made from ballistic steel.
**Glass Thickness**

Minimum 40 mm thick glass/polycarbonate composite transparent armor.

**Anti-Spall Layer**

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

**Multi-Hit Protection**

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

**Anchored Windows**

All windows are anchored for additional protection from explosions.
## ADDITIONAL FEATURES

<table>
<thead>
<tr>
<th>Control Console</th>
<th>Strobe Lights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features controls for high intensity lights, strobes, cabin fans. P.A./multi-siren system and more switches, mounted at the back of the panel.</td>
<td>Pairs of red &amp; blue strobe lights are mounted to each of the four sides of the vehicle. Total of 8 (4 red + 4 blue) lights.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P.A./Multi-Siren System</th>
<th>Rear A/C System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Located on the center console. The multi-siren features standard siren tones, volume adjustment, and a public address system.</td>
<td>Fully independent high BTU hot/cold air A/C system is installed in the rear cabin.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Suspension Upgrades</th>
<th>Dual Fuel Tanks</th>
</tr>
</thead>
<tbody>
<tr>
<td>All springs and shocks are replaced with upgraded versions to accommodate the weight of armoring.</td>
<td>The first tank has its release on the left side of the driver seat, the second one is located on the last crew seat in the rear of the driver side.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Heavy-Duty Bull Bar</th>
<th>High Intensity Lights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed directly to the frame. Constructed out of ballistic steel.</td>
<td>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.</td>
</tr>
</tbody>
</table>
Gun Ports
A total of nine (9) gun ports are installed on the vehicle. Four (4) are on each side and one (1) on the rear door.

Blast Seats (Optional)
This is the optional seat upgrade. Each seat features a 4-point harness and protects occupants from the force transferred during a blast.

Bench Seats (Standard)
This is the standard seat option. Each bench includes lap belts and gear storage underneath.

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

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.

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

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

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

Extra Running Boards
Rear extra running boards built for easier and faster crew deployment.
<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Military Wheels &amp; Tires</strong></td>
<td>Wheels are 20&quot;x11&quot; tactical and the tires are heavy-duty off-road rated. Tires are Michelin 335/80R20.</td>
</tr>
<tr>
<td><strong>Battery Protection</strong></td>
<td>Located under the floor panel next to the rear passenger side door. Protects both batteries in a ballistic steel box.</td>
</tr>
<tr>
<td><strong>Roof Hatches</strong></td>
<td>A total of three (3) roof hatches are built in and are constructed out of ballistic steel. Each hatch locks in place at 90 degrees.</td>
</tr>
<tr>
<td><strong>Cabin Fan System</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Hydraulic Jack</strong></td>
<td>A heavy-duty jack is located in the rear cabin and is rated to handle more than the vehicle’s total weight.</td>
</tr>
<tr>
<td><strong>Tailpipe Protection</strong></td>
<td>Protects exhaust pipe from being sabotaged.</td>
</tr>
<tr>
<td><strong>Tool Kit &amp; Extinguisher</strong></td>
<td>A basic tire changing tool kit and fire extinguisher are mounted in the rear cabin.</td>
</tr>
<tr>
<td><strong>First Aid Kit</strong></td>
<td>Mounted to the back of the center console for quick access.</td>
</tr>
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</table>
## BALLISTIC REFERENCE CHART

### SPECs

<table>
<thead>
<tr>
<th>WEAPONS</th>
<th>TYPE</th>
<th>CALIBER (mm)</th>
<th>CLASS</th>
<th>STANAG</th>
<th>ALPINE</th>
<th>NIJ</th>
<th>CEN</th>
<th>MASS (g)</th>
<th>MATERIAL</th>
<th>VELOCITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>.38 Special</td>
<td>9 x 19</td>
<td>Handgun</td>
<td>I1, IIA</td>
<td></td>
<td>A1</td>
<td>I1A</td>
<td>I1A</td>
<td>8.00</td>
<td>LCCJ</td>
<td>358 m/s</td>
</tr>
<tr>
<td>.357 Magnum</td>
<td>9 x 33</td>
<td>Handgun</td>
<td>I1, IIA</td>
<td>1, 2</td>
<td>A2</td>
<td>B1</td>
<td>B3</td>
<td>10.20</td>
<td>JSP</td>
<td>430 m/s</td>
</tr>
<tr>
<td>.44 Magnum</td>
<td>11 x 33</td>
<td>Handgun</td>
<td>IIIA</td>
<td>1, 2</td>
<td>A3</td>
<td>B4</td>
<td></td>
<td>15.60</td>
<td>LWC</td>
<td>440 m/s</td>
</tr>
<tr>
<td>MP5</td>
<td>9 x 19</td>
<td>SMG</td>
<td></td>
<td></td>
<td>A4</td>
<td>III</td>
<td>B2</td>
<td>8.00</td>
<td>LCCJ</td>
<td>427 m/s</td>
</tr>
<tr>
<td>Shotgun</td>
<td>12 Gauge</td>
<td>Shotgun</td>
<td>IIIA</td>
<td>1, 2</td>
<td>A5</td>
<td></td>
<td></td>
<td>5.50</td>
<td>SCCJ</td>
<td>498 m/s</td>
</tr>
<tr>
<td>Tokar</td>
<td>7.62 x 25</td>
<td>Handgun</td>
<td>IIIA</td>
<td></td>
<td>A6</td>
<td>B5</td>
<td></td>
<td>9.70</td>
<td>SCCJ</td>
<td>732 m/s</td>
</tr>
<tr>
<td>Kalashnikov  (AK-47)</td>
<td>7.62 x 39</td>
<td>Assault Rifle</td>
<td>III</td>
<td></td>
<td>A7</td>
<td>B5+</td>
<td></td>
<td>11.70</td>
<td>SCCJ</td>
<td>774 m/s</td>
</tr>
<tr>
<td>Kalashnikov  (AK-47 Military)</td>
<td>7.62 x 39 API BZ</td>
<td>Assault Rifle</td>
<td>II</td>
<td></td>
<td>A8</td>
<td>B5</td>
<td></td>
<td>11.70</td>
<td>SCCJ</td>
<td>774 m/s</td>
</tr>
<tr>
<td>M16/AR-15</td>
<td>5.56 x 45 NATO SS/90</td>
<td>Assault Rifle</td>
<td>I</td>
<td>7</td>
<td>A9</td>
<td>B6</td>
<td></td>
<td>10.90</td>
<td>LCCJ</td>
<td>810 m/s</td>
</tr>
<tr>
<td>Winchester .308</td>
<td>7.62 x 51</td>
<td>Rifle</td>
<td>III</td>
<td>5 &amp; 8</td>
<td>A10</td>
<td>B7</td>
<td></td>
<td>10.04</td>
<td>SCCJ</td>
<td>833 m/s</td>
</tr>
<tr>
<td>Remington 700 SPS</td>
<td>762 x 63 AP (20-60)</td>
<td>High-Power Rifle</td>
<td>III</td>
<td>5 + 8</td>
<td>A11</td>
<td>B7</td>
<td></td>
<td>8.40</td>
<td>AP</td>
<td>530 m/s</td>
</tr>
<tr>
<td>Dragunov</td>
<td>7.62 x 54R B32 API</td>
<td>Sniper Rifle</td>
<td>III</td>
<td></td>
<td>A12</td>
<td></td>
<td></td>
<td>45.00</td>
<td>CJ</td>
<td>908 m/s</td>
</tr>
<tr>
<td>50 Cal</td>
<td>12.7 x 99</td>
<td>High-Power Rifle</td>
<td>IV</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LEVELs

- **UL**: Underwritten Laboratory, 752
- **NIJ**: National Institute of Justice, 0108.01
- **CEN**: European Standard
- **STANAG**: NATO’s Standard (STANAG 4569)
- **ALPINE**: Alpine Armoring’s Certified Standard

### Bullets

- **LCCJ**: Lead Core Copper Jacket
- **JSP**: Jacketed Soft Point
- **LWC**: Lead Wad Cutter
- **LCSI**: Lead Core Steel Jacket
- **SCCI**: 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, IIA, & IIJA (based on 1of 2 required calibers of ballistic threat)
This vehicle, as proposed to the client, would be under Alpine Armoring’s premium warranty covering all its 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 worldwide, against any and all related manufacturer’s defects, including parts and labor.