

R.R.A.B “RAPID REPAIR ARMOR BUS”

NEW DESIGN # 2

EXIT HATCH

SIDE DOOR

RUN FLAT



R.R.A.B OPTION # 2



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R.R.A.B “RAPID REPAIR ARMOR BUS”

23 PASSENGER RRAB, Armored Bus in Black color as per customer specs.

The vehicle have side and back doors, with emergency exit hatch on the roof(see pictures) and a dual A/C unit system, with 360 degree protection including floors, also include discreet gun ports located in each side glass.

The body consists of NIJ Level IV material tested against 30 caliber Armor Piercing AP 166 grain 2850 feet per second, lower calibers as 5.56 used in Colt M-16 (9AR-15) and in the S.A.W, 7.62 Russian (AK47): used in Soviet and Chinese rifles 7.62 NATO: Used in G3, M1 and FAL rifles, machine guns M-60.

TRUCK SPECS CHEVROLET KODIAK 8500

GVWRs: 33,000 to 42,600 lbs(1)

Engine options include Isuzu 6H diesel, Cat[®] C7 diesel, and Vortec 8.1L V8 — the only gas engine available on class 6 and 7 medium duty trucks(2)

Featuring a complete line of electronically controlled, new vocational Allison 3000, and 3500 transmissions along with a choice of manual transmission .Frame strength: up to 120,000 psi.

OPAQUE ARMOR:

Doors, back fenders, roof are armored with Ceramic/Twaron composite armor (this option is much lighter than steel).



To reinforce the structure of the vehicle, the front fenders, pillars, and crown are armored with thermal heat treated steel 1/2".



TRANSPARENT ARMOR:

It is made with a combination of glass, spall protection, air gap and laminated polycarbonate. It is the strongest, yet the lightest transparent armor in the market.

Our patented system of air chamber technology permits the passengers to shoot through the glass from the inside (reaction glass). The air chamber also allows the interior of the vehicle to be 50% cooler (less heat transferred) and quieter than the traditional laminated windows, with the same level of protection against 30 Caliber AP ammunition.



STATEMENT OF WORK (SOW) – Armored Vehicles

1.1 Two (2) each - 23 Passenger Rhino Runners™ Armored Buses in black or sand-colored CARC paint. They must have side and back doors, with an emergency exit hatch on the roof and dual A/C systems with 360-degree protection including floors, and will include multiple discreet gun ports. The engines will be six (6) cylinder turbo diesel 5.88 liters 240HP. The body will consist of NIJ Level IV material tested against 30 calibers AP (U.S. APM2) 166 grain 2850 feet per second.