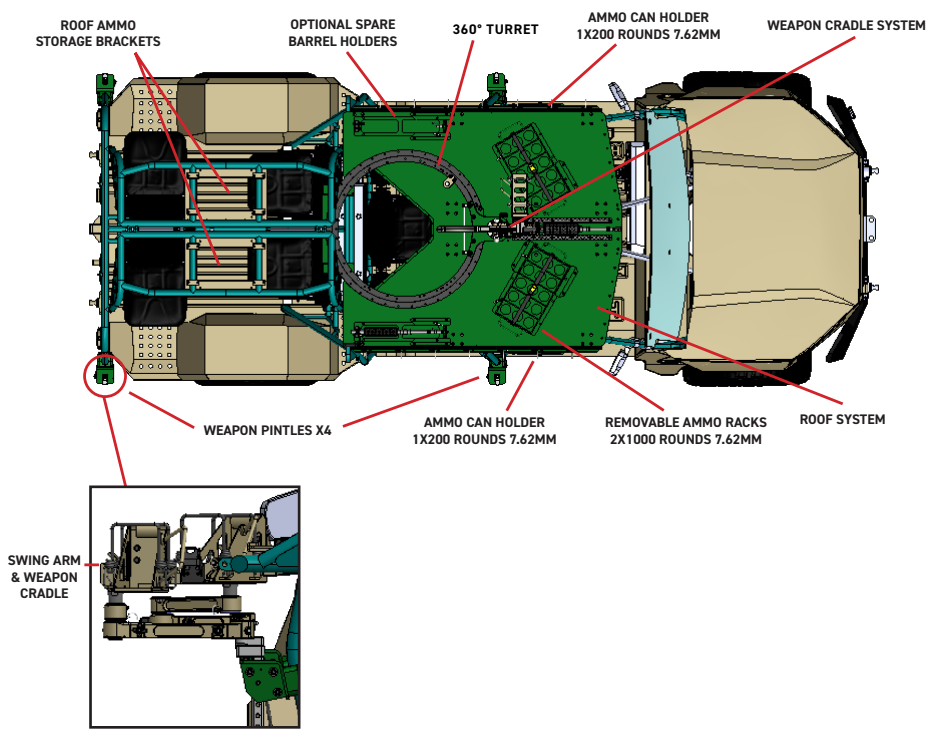
SYSTEM OVERVIEW



KEY DESIGN PRINCIPLES

- No permanent modification to base vehicle
- 360° field of fire with ROPS stowed and deployed
- Ample ammunition capacity (Up to 3400 Rounds, 7.62mm)
- Stowable turret and ammo rack design for MH-47 Internal Air Transport (IAT)
- Secondary Weapon Stations (4) for optimal lethality and field of fire.
- Rapid deployment (Stowed to Deployed in less than 1 minute)
- Lightweight loadout
- Efficient installation using basic hand tools

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ARMAMENT
INFANTRY SQUAD VEHICLE

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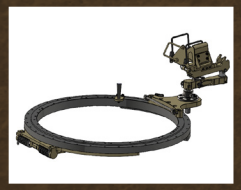
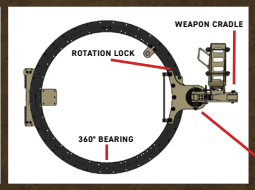
PRIMARY WEAPON MOUNT



- Does not require modification to the Roll-Over Protection System (ROPS) or base vehicle.
- 360° Rotation w/ROPS Down
- 270° Rotation w/ROPS Up, 360° Field of Fire
- System components include:
  - 42" Bearing
  - Lightweight A-frame with Rotation Lock
  - Light & Medium Machine Gun Cradle & Single Swing Arm System
    - ◊ Universal for M240/M249, SIG 6.8/7.62 & .338
- Dual spring-assisted hinge design









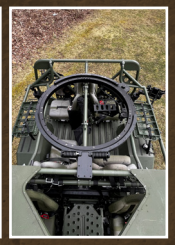
HEIGHT ADJUSTABLE PINTLE

TRANSPORT MODE

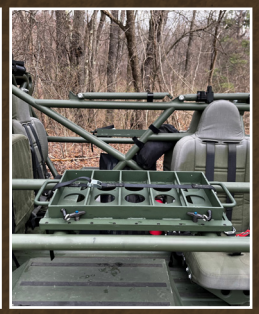
The turret system features a transport mode allowing it to be stowed to meet Internal Air Transport (IAT) Requirements for transport by MH-47.

Converting from Deployed Mode to Transport Mode can be performed by 2 operators in less than 1 minute.



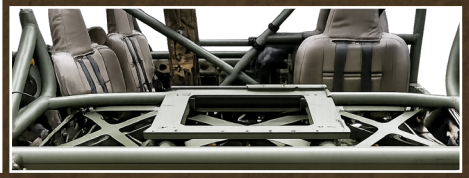






Roof/ROPS Ammunition Stowage

Removable ammo stowage trays allow ammo to be relocated from roof onto ROPS stowage brackets, meeting IAT requirements.

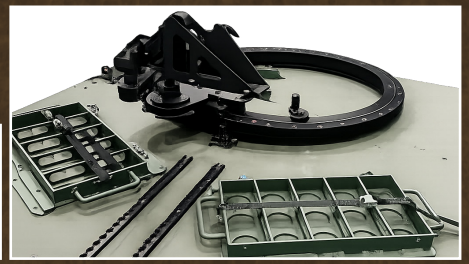


ROOF SYSTEM

- Requires NO modification to vehicle.
- Removable ammunition racks, and L-track for securing cargo.
- Integrated gutters for water diversion at turret opening and sides.
- Removable ammunition stowage racks for 7.62 (10 X 200 round ammo cans – Total 2,000 rounds)
  - Optional 5.56 and .338







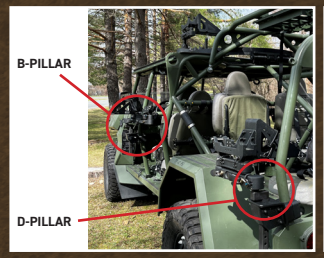




SECONDARY WEAPON MOUNT

Secondary Weapons Station Mounts & Swing Arms

- Located at B and D pillars, Roadside & Curbside
- Require no permanent modifications to the vehicle
- Adjustable height, to allow appropriate Operator Human Factors for shouldering and operation of weapons, seated & standing
- Compatible with M240, M249, MK48, SIG 6.8/7.62, SIG .338 weapon variants
- Tool-less design



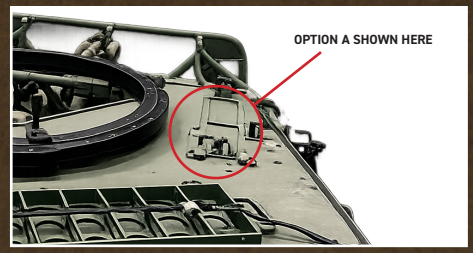








OPTIONAL SPARE BARREL STOWAGE



Option A

Removable Roof Stowage Bracket. Captures M240 and M249 barrel configurations – in reach of the gunner. Removable.

- Qty 1 - Roadside
- Qty 1 - Curbside

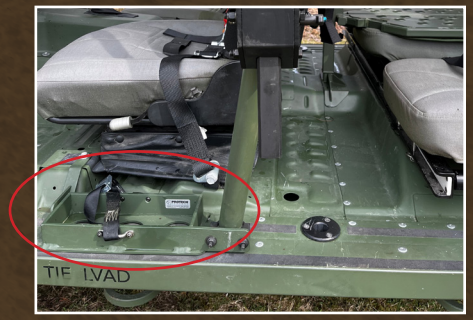
Option B

Quiver Style, oriented in a vertical fashion, for operators to be able to 'drop' a barrel into.

ADDITIONAL AMMUNITION STOWAGE

Rocker Panel

- Roadside, Front	1 X 200-ROUND 7.62
- Curbside, Front	1 X 200-ROUND 7.62



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