

GENERAL DYNAMICS
Land Systems

The operationally proven RG-31 Mk5 offers today's soldier high mobility, ease of handling and outstanding comfort, coupled with effective mine protection. Its all-steel welded armor protects troops against small arms fire, Improvised Explosive Devices (IEDs) and anti-tank mine detonations.

RG-31 MK5





RG-31 MK5

ABOUT THE VEHICLE

The RG-31 Mk5 delivers a significant increase in power and payload to meet emerging requirements. In service with forces around the world, the RG-31 Mk5 is a highly effective multi-role armored vehicle capable of a variety of military applications including, an Armored Personnel Carrier, Command Vehicle, Ambulance, Armored Utility Vehicle, Surveillance Vehicle, Explosive Ordnance Disposal and Combat Engineer.

FEATURES & SPECIFICATIONS

GENERAL

Crew - Driver, Commander, 4 Crew (Provisions for up to 6 center facing)
Gross Vehicle Weight - up to 20t Unburdened
Mass - 14t
Payload - up to 6t
Length - 7031mm
Width - 2720mm
Height - 3504mm
Ground Clearance - 492mm
15 HP/t (811 ft.lbs torque) @20t GVW

MOBILITY

Top Speed - 115 km/hr
Acceleration at GVW - 0-50km/hr - 12 sec
0-90 km/hr - 43 sec
Range - 532 km
Turning radius - 16.5 m
Grade - 60 % @ 5 km/hr
Side slope - 30 % w/dynamic slalom
Vertical Step - 400mm
Fording depth - 950mm

KEY CHARACTERISTICS

Engine - Cummins QSB – 300 hp @ 2500 rpm
Transmission - Allison 3000 SP
Axles - Axle Tech series 4500 ISAS
Tires - Michelin 395/85R20 XZL with RFIs
Suspension - Front & Rear – SLA Independent, Coil springs, Hydraulic shock absorbers
Vehicle Power - 28 V / 450A-570A alternator (peak)

OPTIONAL EQUIPMENT

AFSS
Fuel Tank Protection
Add-on Armour
Gunner's Protection System
Backup Alarm
EFP Armour Provisions
Front Door Assist
400A Power Distribution Box
Spall Liner
CTIS
Energy Attenuating Seats

ARMAMENT

c/w interface for M1114 turret
Mounting/Interface provisions for Kongsberg RWS and others

SURVIVABILITY

Mine blast under hull - classified
Mine blast under wheel - classified
Ballistics protection - classified
IED side protection - classified
IED anywhere under the vehicle - classified

TRANSPORTABILITY

C-130
C-17
C-5