

GENERAL DYNAMICS
Land Systems

The LAV II provides mobility and protection for reconnaissance, tactical mobility for effective use of firepower to defeat soft armored targets, and battlefield survivability to carry out combat missions.

LAV II





LAV II

ABOUT THE VEHICLE

Battlefield Survivability to Carry Out Combat Missions.

Firepower to Defeat Soft Armored Targets.

Tactical Mobility for Effective Use of Firepower.

Mobility and Protection for Reconnaissance of the Enemy and Terrain.

C-130 Transportable in Combat Ready Configuration.

Supportability and Affordability.

In Service with Four Armed Forces.

FEATURES & SPECIFICATIONS

SIZE/WEIGHT

Length - 6527mm, 257 in
Width - 2620mm, 103 in
Height - 2692mm, 106 in
Curb weight - 11,680 kg, 25,750 lbs
Combat weight - 13,200 kg, 29,100 lbs

PERFORMANCE @ GVW

Governed speed - 100 kph, 62 mph
Swim speed - 10 kph, 6.2 mph
Maximum range - 644 km, 400 miles
Minimum turn diameter - 16.75 m, 55 ft
Maximum trench crossing - 2 m, 6.5 ft
Maximum grade - 60%
Maximum side slope - 30%
Personnel - 1 driver, 1 vehicle commander, 1 gunner, (Provision for 4 troops) (7 total)
Amphibious - Fully (With 3 minute preparation)

POWER TRAIN & SUSPENSION

Engine - 300 hp Detroit Diesel 6V53T
Transmission - Allison MT653, 5 speeds forward, 1 reverse
Transfer case - 1
Differentials - 4 automotive, 1 water drive
Suspension - 8 wheel independent; Full time 4 wheel (rear) drive; Selective 8 wheel drive; Selective water drive (2 propellers, 4 rudders); Power steering; Power brakes
Towability - By similar vehicle (With standard towbar MS-500048)

AIR TRANSPORTABILITY

1 C-130 2 C-141
8 C-5A 1 CH-53 (helicopter lift)

DOORS/HATCHES

9 Total -
2 rear 2 rear roof
1 driver 1 left-hand side escape
1 gunner 1 vehicle commander
1 winch

FIRE SUPPRESSION

HFC 227-BC
AFSS automatically activated

SYSTEMS

Electrical Systems - 24 volts negative ground; Waterproof; Radio suppressed system; Wiring, Connectors, Breakers, Harnesses IAW MIL-STDs; 280 amp alternator; 4 4 HASP-FT batteries per NSN 6140 01 485 1472; 500 amp slave receptacle
Climate Control System - ESPAR V7S Personnel Heater

ARMAMENT / AMMUNITION

Primary (LAV 25) - M242 25mm chain gun with Thermal Imaging Sight
Secondary (LAV 25) - M240 7.62mm machine gun mounted coaxially to the main gun
Supplementary - M240 7.62mm machine gun (pintle mounted)
Ancillary - 2 M257 Smoke Grenade Launchers (Clusters of 4 launchers each)
Ready Ammunition (LAV 25) - (8) L8A1 Smoke Grenades, 400 rounds 7.62mm, 210 rounds 25mm
Stowed Ammunition (LAV 25) - (8) L8A1 Smoke Grenades 1200 rounds 7.62mm, 420 rounds 25mm, 4050 rounds 5.56mm

VISION

Driver - 3 M-17 periscopes; 1 Driver's vision enhancer, AN/VAS-5A (v)5
Vehicle Commander - 7 M-27 periscopes; 1 M36/LAV Day sight; 1 Commander's Thermal Display
Gunner (LAV 25) - 1 M-27 periscope; 1 ITSS Thermal Sight (Cooler/Detector Unit, LASER Range Finder/Day sight)
Crew Compartment - 2 vision block MIL-B-11352 and MIL-F-62422

EQUIPMENT

Winch - Self-recovery Hydraulic Winch (Front-mounted 15,000 lb. dynamic pull)
On-Vehicle Equipment - Tools, Camouflage nets and Utensils
Anti-Tank Guided Missile Wire Cutter - 1 driver; 1 turret
Communication Equipment - 4 station VIC-2 intercom system; 2 VHF radios SINCGARS RT-1523D (C)U; 1 HF PRC-150 Manpack radio