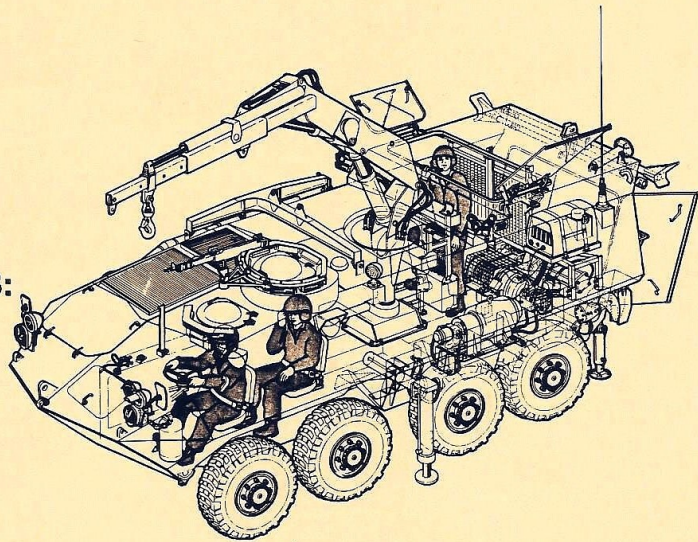


RECOVERY

LAV-R

MISSION ROLE REQUIREMENTS:

- Tactical mobility to reach and recover/support disabled vehicles
- Mobile workshop with welder and power tools
- Lift capability for power pack, turrets and grills
- Winch recovery of LAVs



FEATURES:

SIZE/WEIGHT

- Length (crane forward) 256 in.
- (crane aft) 290 in.
- Width 109 in.
- Height (crane forward) 106 in.
- (crane aft) 109 in.
- Curb weight 26,220 lb.
- Maximum weight 28,320 lb.

PERFORMANCE @ GVW

- Power-to-Weight Ratio 19.4 hp/T
- Maximum speed 62 mph
- Swim speed 6 mph
- Maximum range 410 miles
- Minimum turn diameter 51 ft.
- Maximum trench crossing 81 in.
- Maximum grade 60 %
- Maximum side slope 30 %

POWER TRAIN & SUSPENSION

- Engine 275 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)
- Selective 8 wheel drive
- Selective water drive
- Water drive (2) propellers (4) rudders
- Power steering
- Power brakes

LAV AUTOMOTIVE SUBSYSTEM

	Purchase Description Requirement	LAV-25 IPT Assessment Results*
Reliability (MMBMF)	> 1250 miles	5700 miles
Maintenance Ratio		
- Organizational	< 0.30	0.15
- Intermediate	< 0.08	0.01
Mean Time To Repair		
- Organizational	< 1.3 hours	0.61 hours
Tasks above ORG level	< 20 percent	1 percent
Availability	> 0.90	0.96
Operating Cost**	not stated	\$1.79 per mile

* Calculations by General Motors based on RAM-D data from Initial Production Testing of the LAV-25 automotive subsystem (1984/85). Details available on request.

** Parts, labour and POL for automotive subsystem only (excluding weapons station and GFE).

Specifications subject to change without notice.



THE ULTIMATE ALLY



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General Motors of Canada Limited
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N6A 4N5 (519) 452-5184 Telex 064-5643

General Motors Defense
1911 North Fort Myer Drive, Suite 800
Arlington, Virginia 22209
(703) 284-1751

AIR TRANSPORTABILITY

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

DOORS/HATCHES

- Overlapping rear doors
- Rigger's hatch with left & right covers
- Commander's hatch
- Driver's hatch
- Engine compartment hatch & grills
- Front stowage compartment hatch

TOWABILITY

- By similar vehicle
(with standard towbar MS-500048)

ELECTRICAL SYSTEM

- 24 volts negative ground
 - water proof
 - radio suppressed system
 - wiring, connectors, breakers harnesses IAW MIL-STD's
 - MIL-STD 200 amp alternator
 - (4) batteries per MS 35000
 - 500 amp slave receptacle

PERSONNEL

- Driver
- Vehicle commander
- Rigger

ARMAMENT:

- Self defence - Pintle Mount for M60E3 7.62 mm machine gun
- Ancillary - (2) M257 Smoke Grenade Launchers
- Ammunition
 - Ready: (8) L8A1 smoke grenades
200 rounds 7.62 mm
 - Stowed: (8) L8A1 smoke grenades
800 rounds 7.62 mm

FIRE SUPPRESSION

- Halon 1301 (manual system in crew & engine compartments)

NBC SYSTEM

- M8A1 ventilated face mask system & M43A1 detector/alarm system

ATGM WIRE CUTTER

- (1) at driver

AMPHIBIOUS

- Fully (with 3 minute preparation)

PAINT

- CARC -interior light green
- CARC -exterior camouflage pattern

ON VEHICLE EQUIPMENT

- Tools, camouflage nets, utensils

VISION

- Driver - (3) M-17 periscopes
 - (1) night vision AN/VVS-2(V)4
- Vehicle commander
 - (8) M-17 periscopes
 - (1) night vision AN/VVS-2(V)4
- Crew compartment
 - (3) vision blocks MIL-B-11352

COMMUNICATION EQUIPMENT

- VIC-2 intercom system
- (2) VHF radio TSEC/KY-67
- (1) VHF radio AN/PRC-68 (stowed)
- (1) UHF position location reporting system
- (3) Antennae

EQUIPMENT:

- Boom crane rated @ 9,000 lb.
 - 265 degree traverse
 - Remote control
 - overload protection
 - (2) outriggers
 - (2) stabilizers
- Recovery winch (rear) rated @ 30,000 lb. dynamic
 - (2) spades
- Flood lights (2) MS-51320 (4,400 candle power)
- Welder - Miller Synchron 300
 - Miller S32P wire feeder
 - LIMA MAC 10 Kw generator,
230 V 3-phase, 120 volt 1-phase
 - 10KW hydraulic driven output
 - 230V - 3 phase AC or 120V single phase AC
- Work bench - 48" x 22" when extended
- Output receptacles
 - (1) MS-3102A-24-22S
 - (2) Fed Spec W-C-596/11B