



LASSO[®] Vehicle Capabilities & Specifications



LASSO[®] Utility Vehicle

ICRC is currently working with the United States Army in developing an All-Terrain Light Tactical Vehicle for military use. The **LASSO[®]** (Land And Sea Special Operations) vehicle is a high capacity six-wheel drive all-terrain utility vehicle designed with special features which offer significant advantages over current commercial off-the-shelf recreational ATV's.



Extreme Mud Performance



LASSO in V-22 Simulator



18" Fording Evaluation @ 10 MPH



FEATURES & CAPABILITIES

- All-Terrain Utility Vehicle with full time six wheel drive
- Off-road utility handling of class IV materials including full 4' x 8' sheets of plywood (4' x 6.6' x 18" cargo bed)
- Fully independent suspension with DOT certified tires
- Easily transports a two-man crew and two littered patients
- Traverses grades of 60% and 14" steps
- 18 inches of fording depth
- High fuel economy and 160 mile range
- One ton payload (plus 2 man crew)
- Equipped with front/rear winch mount
- FMTV transportable
- Leading edge diesel power train with diagnostics
- User friendly ground vehicle controls

TECHNICAL SPECIFICATIONS

Curb Weight	3,100 pounds
GAWR Front	1,400 pounds
GAWR Middle	1,700 pounds
GAWR Rear	2,700 pounds
GVWR (25 MPH)	5,800 pounds
GVWR (45 MPH)	5,100 pounds
Payload	2,700 pounds
Length	160 inches
Width	56 inches
Height	78 inches
Track	50 inches
Approach Angle	93 degrees
Departure Angle	43 degrees
Ground Clearance	12 inches
Diesel Engine	799cc
Transmission	Hydrostatic CVT
Six Wheel Drive	Full Time
Suspension	Fully Independent
Brakes	Six Wheel Disc
Roll Cage	SAE J2194
On-Board Power	12/24VDC & 110VAC



Advanced Vehicle Technologies
 41150 Technology Park Drive
 Suite 101
 Sterling Heights, MI 48314
 Tel: 586.799.1800
www.ICRCsolutions.com