

ERAF

شركة إيراف الصناعية المحدودة
ERAF Industrial Company Ltd.



BASMAH OBSERVATION VEHICLE

www.eraf.com

SPECIFICATIONS

BASMAH

OBSERVATION

VEHICLE

GENERAL

| | |
|---------------------------|---|
| ◆ Basic Vehicle | 2009 GMC Sierra 3500HD 4WD Regular Cab long box WT DRW |
| ◆ Configuration | Forward facing Chassis rail Pick Up Truck With Box |
| ◆ Gross Vehicle Weight | 5171 Kg |
| ◆ Curb Weight | 2764 Kg |
| ◆ Payload | 2144 Kg |
| ◆ Wheel Base | 4150 mm |
| ◆ Length | 5750 mm |
| ◆ Width | 2306 mm |
| ◆ Height | 3000 mm |
| ◆ Ground Clearance | 233-375 mm |
| ◆ Max Speed on roads | 110 km/h |
| ◆ Crew and Passenger | 3+4 |
| ◆ Suspension Front | Independent torsion bar |
| ◆ Suspension Rear | Semi-elliptic 3- stage multi leafspring |
| ◆ Number of Driven Wheels | 4 |
| ◆ Power Steering | Standard |

Transmission Axles & Wheels

| | |
|--------------------------------|-------------------------------------|
| ◆ Transmission Make And Model | Borgh Warner |
| ◆ Transmission Selection | Automatic |
| ◆ Transfer Case Make And Model | Integrated onto Transmission |
| ◆ Transfer Case Selection | Electro Mechanical |
| ◆ Front Axle | Independent torsion bar Wishbone |
| ◆ Rear Axle | Rigid Axle Telescopic Dampers |
| ◆ Wheels | LT265/75R16E |

HULL

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|-----------------|--|
| ◆ Configuration | OEM Cab with aluminium frame box on loading bed. |
|-----------------|--|

STANDARD EQUIPMENT

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| ◆ Fuel Tank 129 Litre |
| ◆ Manual Fire Extinguisher |
| ◆ First aid kit and fire extinguisher in front |
| ◆ Rear pintle hook installed below foot rail |
| ◆ Cab Air Conditioning |
| ◆ Cruise Control |
| ◆ Adjustable Steering |

Engine

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|--------------------|---------------------------|
| ◆ Make | 6.0L V8 0HV 16-Valve |
| ◆ Model | GMC |
| ◆ Fuel Supply | Common Rail Diesel |
| ◆ Max Gross Power | hp/kw@4400rpm)322/240 |
| ◆ Max Gross Torque | (4200rpm(lb.ft./rpm @ 380 |

Accessories

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| ◆ Stair for roof, accessories maintainace chacking |
| ◆ Generator Set |
| ◆ Power Supply Regulator |
| ◆ Working Cabinet Roof Air Conditioner |
| ◆ Air Compressor |

Observation Equipment

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| ◆ CCTV Cameras: Front, Rear,LH + RH side and roof |
| ◆ CCTV Monitor |
| ◆ Camera with Telescopic post on roof extend 1800mm |
| ◆ Computer Monitor |
| ◆ I.R Camera Monitor |
| ◆ I.R Camera with Anti-Shock Stand extende 1800mm |
| ◆ Spectroradiometer with tescopic post |
| ◆ Modulation frequency 15.7 kHz to 117.5 kHz |
| ◆ Temperature operation range 0 C to 45 C |
| ◆ Operating -30 C to 55 C survival Humidity >90% |
| ◆ Relative humidity non condensing |

Interior Working Cabinet Equipment

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| ◆ Four self locking swivel chair |
| ◆ Foldable Table |
| ◆ Operators control board |
| ◆ Right side cabinet assembly |
| ◆ Table Cover |
| ◆ telescopic spectroradiometer cabinet |
| ◆ Left side cabinet assembly |
| ◆ Foldable working Table |
| ◆ Portable Refrigerator |

KEY BENEFITS

- ◆ Electro-optical sensor package comprising Thermal & Visible imagers. All sensor imagery is digitally signed and recorded in real time to ensure the evidential trail remains intact.
- ◆ Protection of large borders and key installations demand the flexible use of servillance assets. All terrain MSV can operate autonomously or integrated with larger border mangement and coastal protection system
- ◆ Electro Optical detection performance: Man >6 Km: Vehicle >15Km