FLYER® 72 LD
LIGHT DUTY

PERFORMANCE

Top Speed	75 mph (120 kph)
Cruising Range	300 miles (483 km) at Mission Profile; 500 miles on flat ground at 40 mph (805 km)
Maximum Climb Grade	60%
Dynamic Side Slope	40%
Fording	30" no prep (76cm)
Temp. Range	-25° F to 125° F (-32° C to 50° C)

SPECIFICATIONS

Seating	Base: 9 with rear bench (w/5-point seat restraints)
Wheelbase	126" (320 cm)
Length	194" (494 cm); 215" (547 cm) with spare tire, push bar, and winch (option)
Body Width	Chassis Width: 72" (183 cm) Width at tire: 79" (201 cm)
Height	72" (183 cm) Adjustable
Curb Weight	5,000 lb (2,272 kg)
Payload	5,000 lb (2,272 kg)
Gross Vehicle Weight	10,000 lb (4,545 kg)
Combined Gross Vehicle Weight	11,000 lb (5,000 kg)
Cross Country Towing Capacity	3,400 lb (1,545 kg)
Approach Angle	62.7°/43° with push bar and winch option
Departure Angle	47.8°/40.3° with spare tire
Ramp Over Angle	146.7°
Vertical Step	18" (46 cm)
Ground Clearance	14" (35 cm)
Fuel Capacity	23 gal. (87 L)
Chassis	Tubular Space Frame
Rollover Protection	Integrated roll cage meets FMVSS 216 & SAE J2422 CH #5 & 6

POWERTRAIN

Engine Type	2.0 L GM DOHC BiTurbocharged Intercooled JP8/F24/Diesel Direct Injection Common Rail Fuel System
Horsepower/Torque	195 HP (145 kW)/295 ft. -lb (400 Nm)
Transmission Type	Automatic power shift 6 speed (Tiptronic)
Torque Converter	Lockable
Differentials	Limited-slip front and limited-slip locking rear
Transfer Case	Single Speed, 4x2 or 4x4

SUB SYSTEMS

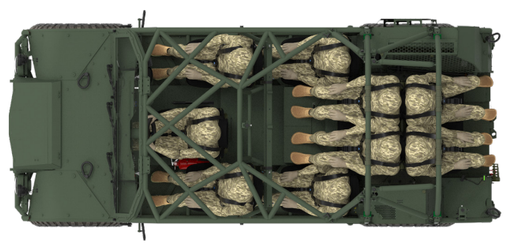
HD Suspension, f/r	4-wheel coil over shocks independent adjustable suspension with 4 air spring variable ride
Service Brakes, f/r	Power assist 4-wheel disc with ABS
Wheel and Tire Size	Wheel size 37 x 13.5 R17 load range D with bead lock and VFI run flat
HD Cooling System	More than 50C ambient operation capability

ELECTRICAL

12VDC Power	14.4 VDC, 140 amp
Battery Capacity	2 x 12V System, 68 Ah
24VDC Power	2 x 20 amp outlets (inverted from 12 to 24)
Battery Capacity	2 x 12V System, 120 Ah (24V System)

AIR TRANSPORTABILITY

Internally Transportable	CH-47, CH-53, C-130, C-17
Externally Transportable	CH-47, CH-53
Air Drop Capability	Low Velocity Air Drop (LVAD)



MISSION CONFIGURATION - KITS

CASEVAC	Up to 2 litters: 1 on hood + 1 internal Optional - Up to 7 litters with kit
Weapons Compatibility	5 x Chassis Mounted Pintles compatible with: Double-Articulating Swing Arm, Machine Gun Mounts, M-240 1 x Roof-mounted pintle compatible with M-2 (.50 cal)
Armor Kit Blast (Option)	Blast Protection STANAG Level I
13,000 lb Winch and Push Bar	Optional
Enclosure Kit	Optional

The Flyer® 72 Light Duty (F72-LD) ground mobility vehicle (F72-LD) is a lighterweight variant of the Flyer 72 base vehicle currently in operational use as the M1288 Ground Mobility Vehicle 1.1 (GMV 1.1) and XM1297 Army Ground Mobility Vehicle (A-GMV).

The F72-LD has a low 5,000 lb. VCW, which allows for full mission flexibility of high hot UH-60 sling load. It also boasts an unmatched payload capability of 5,000 lbs. with no kit, and 8,000 lbs. with kit, achieving an unparalleled 1.6:1 payload-to-curb weight ratio.

The F72-LD is purpose built to reliably operate in severe, rugged and restrictive terrain, in all weather conditions, retaining the same mobility and maneuverability as all our Flyer® variants.

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DRIVEN TO EXCEED™

FLYER® DEFENSE

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OPERATOR CONFIGURATION

Supports up to 12 Crew (10+2) and 3 Litters located on the hood and front roof

COMBINED CONFIGURATIONS

A combined configuration allows for the mixture of both crew capacity and evacuation capabilities

Mixture of both crew capacity and evacuation capabilities

Side Runners
Add-on platforms allow 8 additional soldiers to be transported

The **FLYER 72 LD** is a mature design with a **CAPACITY UP TO 20**, delivering life-saving evacuation capabilities while maintaining all the best qualities of the USSOCOM M1288 GMV 1.1. and US Army M1297 AGMV:

- More options for payload and modular kits
- Shared design approach provides 90% parts commonality
- Internally & externally transported by CH-47/53 Helicopters and larger aircraft.
- Provides national strategic airlift options, nearly twice the amount of vehicles per flight on C-17 with more than double the soldiers per flight

Combined: Crew - Medic - Litters
Capacity for 6 crew, 1 medic and 6 litters

EVACUATION CONFIGURATION

With speeds of up to 75 mph, the **F72-LD** can evacuate up to 7 litters and 4 crew

Combined: Crew - Litters - Logistics
Capacity for 8 crew, 5 litters and logistical support