

# FLYER 72-LD

## 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 Grade	60%
Dynamic Side Slope	40%
Fording	30" no prep (76 cm)
Temp. Range	-25° F to 125° F (-32° C to 52° C)



## DIMENSIONS

Seating	5 + 4 Seating
Wheelbase	126" (320 cm)
Length	186.5" (473.7 cm)
Body Width	Chassis width: 72" Width at tire: 79.25" (201 cm)
Height	72" (183 cm) Adjustable
Curb Weight	5,000 lb. (2,268 kg)
Payload	5,000 lb. (2,268 kg)
Approach Angle	65° (without optional winch)
Departure Angle	53°
Ramp Over Angle	146.7°
Vertical Step	18" (45.7 cm)
Ground Clearance	14" (35 cm)
Fuel Capacity	23 gal. (87 L)
Chassis	Tubular Space Frame
Roll Cage	Integrated and secondary roll cages 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 high 4x2 or low full time 4x4

## SUB SYSTEMS

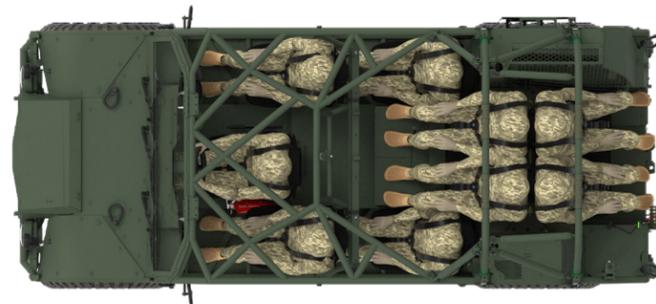
HD Suspension, f/r	4-wheel coil over shocks independent adjustable suspension with 4 air spring variable ride
Service Brakes, f/r	Power assist 4-wheel disc with ABS
Wheel and Tire Size	Wheel size 37 x 12.5 R17 load range D with bead lock and VFI run flat

## ELECTRICAL

12VDC Charging	14.4 VDC, 140 amp
Battery Capacity	1 x 12V System, 68 Ah
24VDC Charging	12/28 VDC, 50/210 amp
Battery Capacity	2 x 12V System, 120 Ah (24V System)

## TRANSPORTABILITY

Compatibility	IAT CH-47 Sling UH-60 LVAD C-130 LVAD and DRAS C-17 and C-5
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### The World's Most Advanced CH-47 Internally Air Transportable Ground Mobility Vehicle

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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**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