



FLYER[®] 72

LD LIGHT DUTY



The World's Most Advanced CH-47 Internally Air Transportable Ground Mobility Vehicle

The Flyer[®] 72 Light Duty ground mobility vehicle (F72-LD) is a lightweight variant of the M1288 GMV 1.1 and XM1297 Army Ground Mobility Vehicle (AGMV) both currently in operational use.

The F72-LD has a low 5,000 lb. VCW, which allows for full mission flexibility of high hot UH-60 sling load and unmatched payload capability of 5,000 lb with no kit and 8,000 lb with kit

achieving an unparalleled 1.6:1 payload to curb weight ratio. The Flyer[®] LD retains the same mobility, maneuverability and reliability of the GMV 1.1 and Army GMV variants leveraging 95% commonality of components.

Like all our Flyer[®] 72 variants, the LD is purpose built to reliably operate in severe, rugged and restrictive terrain, in all weather conditions.

Flyer Defense, LLC
151 W 135th St
Los Angeles, CA 90061

office: (310) 324-5650
fax: (310) 324-5646
flyerdefense.com

DRIVEN TO EXCEED[™]

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 (1,046 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. (87.5 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

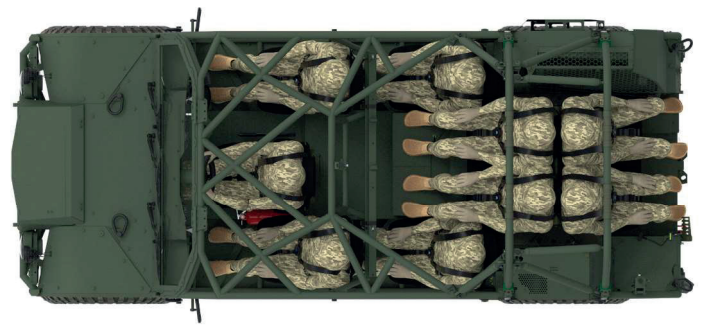
HD Suspension, f/r	4-wheel coil over shocks independent adjustable suspension with 4 air spring variable ride
Service Brakes, f/r	Power assist 4-wheel disc with ABS
Wheel and Tire Size	Wheel size 37 x 12.5 R17 load range D with bead lock and VFI run flat

ELECTRICAL

12V Alternator	12V, 140 amp
12V/28V Alternator	12V/28V, 50/210 amp (Optional)

TRANSPORTABILITY

Compatibility	IAT CH-47 Sling UH-60 LVAD C-130 LVAD and DRAS C-17 and C-5
---------------	--



Trademark and Copyright Notice
©2022 Flyer Next, LLC and Flyer Defense, LLC - All Rights Reserved

All trademarks are registered or unregistered trademarks of Flyer Next, LLC, Flyer Defense, LLC or one of their affiliates in the U.S. and are protected under trademark laws of the United States and certain foreign jurisdictions. Trademarks of third parties may appear in this presentation to refer to those companies' goods and services and are the property of their respective owners.

