

PERFORMANCE

Top Speed	95 mph (153 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: 5 (w/5-point seat restraints) + 1 gunner (sling seat)
Wheelbase	126" (320 cm)
Length	194" (494 cm); 215" (547 cm) with spare tire, push bar, and winch
Body Width	Chassis Width: 72" (183 cm) Width at tire: 79" (201 cm) Width with side cargo box: 90" (229 cm)
Height	72" (183 cm) Adjustable
Curb Weight	7,300 lb (3,311 kg)
Payload	5,700 lb (2,591 kg)
Gross Vehicle Weight	13,000 lb (5,909 kg)
Combined Gross Vehicle Weight	14,600 lb (6,636 kg)
Cross Country Towing Capacity	6,500 lb (2,955 kg)
Approach Angle	62.7°/43° with push bar and winch
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

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)

POWERTRAIN

Engine Type	2.0 L GM DOHC BiTurbocharged Intercooled JP8/F24/Diesel Direct Injection Common Rail Fuel System
Horsepower/Torque	220 HP (164 kW)/332 ft. -lb. (450 Nm)
Transmission Type	Automatic power shift 6 speed (Tiptronic)
Torque Converter	Lockable
Differentials	Limited-slip front and limited-slip locking rear
Transfer Case	2 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 13.5 R17 load range E with bead lock and VFI run flat
HD Cooling System	More than 50C ambient operation capability
HVAC	Heating: 60,000 Btu, dual evaporator & defroster AC: 32,000 Btu, dual condenser

ELECTRICAL

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



MISSION CONFIGURATION - KITS

CASEVAC	1 litter on hood Optional - Up to 3 litters with kit
Weapons Compatibility	4 x Door Mounted Pintles compatible with: Double-Articulating Swing Arm, Machine Gun Mounts, M-240 Heavy Duty Ring compatible with: M-2 (.50 cal), MK-19, M-240
Weapons Kit (Option)	Roof-mounted Remote Weapons Station (RWS) MK-44 7.62 Minigun (18,000 rounds)
Armor Kit (Option)	Crew Protection STANAG Level II
Armor Kit Blast (Option)	Blast Protection STANAG Level I
13,000 lb Winch and Push Bar	Included
Seating Kit (Option)	Rear Bench: 4 seats (w/ 5-point seat restraints)



FLYER® 72 HD
HEAVY DUTY



The Flyer® 72 - Heavy Duty (F72-HD) ground mobility vehicle is a purpose-built, lightweight vehicle designed to meet complex mission sets. Selected by the U.S. Special Operations Command (USSOCOM) as the vehicle of choice for their Ground Mobility 1.1 (GMV 1.1) Program of Record, at 72" wide, it is capable of internal transport in the CH-47, CH-53, and C-130 aircraft.

The F72-HD is a mature, highly mobile platform, with a payload capacity of 5,700 pounds, that can be configured to multiple crew sizes (up to nine). It can be guns up in less than one minute after exiting the aircraft, and is capable of carrying a variety of armaments. Its adaptable communications suite provides increased operating range and provides the operator real-time access to critical information.

As a reliable, high performance vehicle, the F72-HD offers safe and fast operating speeds with superior levels of mobility and maneuverability. It's highly adaptable to severe, rugged and restrictive terrains while providing off-road, cross-country mobility in all types of weather conditions.

- ◆ **Increased Speed, Mobility & Transportability**
- ◆ **Tailorable Command & Control Suite**
- ◆ **Scalable Modular Armor for Increased Protection**
- ◆ **Multiple Weapon Configurations**
- ◆ **Payload Adaptability**



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DRIVEN TO EXCEED™



At 72" wide and tall, the **FLYER 72** is:

- Internally and externally air transportable in rotary wing aircraft including the CH-47 and CH-53
- Internally air transportable in fixed wing aircraft including the C-130 and C-17
- Air drop capable



LCAC TRANSPORTABLE
Capacity for up to 10 vehicles



ATGM
Anti-tank guided missile
configuration including Javelin
compatibility



THE BEAST
120mm Shoot and Scoot Mortar Launcher, RWS,
and Multi-Mission Hemispheric Radar



LONG RANGE KIT
Enables travel for more than 1,000 miles without
the need for resupply