



FLYER[®]

60



The Flyer[®] 60 ground mobility vehicle is a lightweight, highly mobile, air transportable platform capable of rapid configuration for a variety of mission needs. With a payload capacity of up to 4,100 pounds, the Flyer[®] 60 meets all internal transport requirements for the V-22 Osprey and is also internally and externally transportable in the CH-53, C-130 and C-17 aircraft.

A variant of the Flyer Family of light tactical vehicles, the Flyer 60 shares 80% commonality with the Flyer 72 Ground Mobility Vehicle 1.1 Program of Record, a design with a proved 20-year life cycle fielded with the U.S. Special Operations Command.

As a reliable and high-performance vehicle, The Flyer[®] 60 is highly adaptable to severe, rugged, and restrictive terrains while providing off-road, cross-country mobility in all types of weather conditions.

Both armored and unarmored, the vehicle is reconfigurable for multiple missions including reconnaissance, communications, rescue and personnel recovery, and light strike assault. The vehicle can conveniently incorporate a 360° weapon ring or carry a litter of up to five patients.

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DRIVEN TO EXCEED[™]

PERFORMANCE

Top Speed	70 mph (113 kph)
Cruising Range	up to 300 miles (483 km)
Maximum Grade	60%
Dynamic Side Slope	40%
Fording	30" no prep (76 cm)



SPECIFICATIONS

Seating	Base configuration: 4 crew (with 5-point seat restraints) and 1 gunner seat
Wheelbase	121.8" (309.4 cm)
Length	180" (457.2 cm)
Body Width	Chassis width: 60" (152.4 cm) Width at tire bulge: 65" (165.1 cm) Width with side cargo box: 76" (193 cm)
Height	60" - 66" with suspension adjustment
Curb Weight	4,500 lbs. (2,041 kg)
Payload	4,100 lbs. (1,860 kg)
Gross Vehicle Weight	8,600 lbs. (3,901 kg)
Combined Gross Vehicle Weight	11,200 lbs. (5,080 kg)
Cross Country Towing Capacity	3,400 lbs. (1,542 kg)
Approach Angle	59°
Departure Angle	50°
Ramp Over Angle	25°
Vertical Step	14" (35 cm)
Ground Clearance	8" - 16" Adjustable Air Suspension
Fuel Capacity	18 gal. (68 L)
Chassis	Tubular Space Frame
Roll Cage	Integrated roll cages meets FMVSS 216 & SAE 1040, 150% of GVWR

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	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 13.5 R17 load range E 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, 50/100 amp (option 230)
Battery Capacity	2 x 12V System, 68 Ah (24V System)



MISSION CONFIGURATION

Internally Transportable	V-22 (NAVAIR Certified), CH-47, CH-53, C-130, C-17
Externally Transportable	V-22, CH-47, CH-53, UH-60L
Configurations	Reconnaissance, C4ISR (Sensor, UAV, SOWT, RSTA), Communications, Rescue and Personnel Recovery, Light Strike Armored/Unarmored



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