

THE FLYER[®] 72

ADVANCED LIGHT STRIKE VEHICLE



The Flyer[®] 72 is a non-developmental item, purpose-built, lightweight vehicle designed to meet complex mission sets. Selected by the U.S. Special Operations Command (SOCOM) as the vehicle of choice for their Ground Mobility I.I (GMV I.I) program, at 72" wide it is capable of internal transport in the CH-47 and C-130 aircraft.

The Flyer[®] 72 is a mature, highly mobile platform, with a payload capacity over 5,000 pounds and can be configured to multiple crew sizes (up to nine). It is capable of being guns up in under a minute after exiting the aircraft, and can carry a variety of armaments. Its adaptable communications suite provides increased operating range and the provides the operator real-time access to critical information.

As a reliable and high performance vehicle, the Flyer[®] 72 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.

Modular, Mobile, Mission-Ready Tactical Vehicle Solution

- Increased Speed, Mobility & Transportability
- Tailor-made Command & Control Suite
- Up-armor Capability for Increase Protection
- Multiple Weapon Configurations
- Payload Adaptability

GENERAL DYNAMICS
Ordnance and Tactical Systems

THE FLYER[®] 72 ADVANCED LIGHT STRIKE VEHICLE

PERFORMANCE

Top Speed	95 mph (153 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)



DIMENSIONS

Seating	Up to 9 seats: 3 front, 3 rear, 2 rear deck, 1 gunner seat with 5 point seat belt
Wheelbase	126" (320 cm)
Length	182" (462 cm); 193" (490 cm) with pushbar and winch
Body Width	Chassis width 72" over all width at tire; 79.25" (201 cm) tire width; 85" (216 cm) with side cargo boxes
Height	72.25" (184 cm)
Curb Weight	5500 lb. (2495 kg)
Payload	5700 lb. (2585 kg)
Gross Vehicle Weight	11,200 lb. (5080 kg)
Approach Angle	73.4°/55.5° w/ pushbar & winch
Departure Angle	53.1°
Ramp Over Angle	146.7°
Vertical Step	18" (45.7 cm); 24" (61 cm) diagonal
Ground Clearance	17" (43 cm)
Fuel Capacity	26 gal. (98 L)
Chassis	Tubular space frame
Roll Cage	Integrated roll cage meets FMVSS 216 & SAE J2422 CH#5 & 6

POWERTRAIN

Engine Type	2.0 L GM DOHC Turbocharged Intercooled JP8 Diesel Direct Injection Common Rail Fuel System (Euro V)
Horsepower/Torque	195 HP (145 kW)/ 295 ft. -lb. (400 Nm)
Transmission Type	Automatic power shift 6 speed (Tiptronic)
Torque Convertor	Lockable
Differentials	Limited slip-front and limited-slip locking rear
Transfer Case	2 speed high 4x2 or low full time 4x4

SUB SYSTEMS

Suspension, f/r	4-wheel coil over shocks independent suspension with 4 air spring variable ride
Turning Radius	19 ft. (5.79 m) curb to curb
Service Brakes, f/r	Power assist 4-wheel disc with ABS
Wheel and Tire Size	Wheel size 12.5 x 37 R17 with bead lock or VFI run flat, optional CTIS Optional tire size 38x17x14.5

ELECTRICAL

12/28V

12V Alternator	12V, 140 amp
12V/28V Alternator	12V/28V, 50/210 amp



In partnership with

FLYER DEFENSE, LLC

Approved for public release 5/19/2014

GENERAL DYNAMICS

Ordnance and Tactical Systems

11399 16th Court North -Ste 200, St. Petersburg, FL 33716

flyer@gd-ots.com • www.gd-ots.com/Flyer72.html