

# THE FLYER<sup>®</sup> 72

ADVANCED LIGHT STRIKE VEHICLE



The Flyer<sup>®</sup> 72 is a non-developmental item, purpose-built, light-weight 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<sup>®</sup> 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 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<sup>®</sup> 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<sup>®</sup> 72 ADVANCED LIGHT STRIKE VEHICLE

## PERFORMANCE

Top Speed	100 mph (160 kph)
Cruising Range	350 miles (563 km) at Mission Profile; 650 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" (310 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) tie width; 85" (216 cm) with side cargo boxes
Height	72.25" (184 cm)
Curb Weight	4500 lb. (2315 kg)
Payload	5512 lb. (2500 kg)
Gross Vehicle Weight	10,600 lb. (4815 kg)
Approach Angle	73.4°/55.5° w/ pushbar & winch
Departure Angle	53.1°
Ramp Over Angle	146.7°
Vertical Step	18" (35.5 cm); 24" (61cm) diagonal
Ground Clearance	17"
Fuel Capacity	32 gal. (145L)
Chassis	Tubular space frame
Roll Cage	Integrated roll cage meets FMVSS 216 & SAE J2422 CH#5 & 6

## POWERTRAIN

Engine Type	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 Converter	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 tire size 38x17x14.5

## ELECTRICAL

14/28V

14V Alternator	14V, 140 amp
14V / 25V Alternator	14V / 28V, 50/210 amp



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In partnership with

**FLYER DEFENSE, LLC**