

THE FLYER[®] 72 TACTICAL UTILITY VEHICLE (TUV)

DIMENSIONS

Seating	Base Seating: 3 (Option for 9 Seat Kit)
Wheelbase	126" (320 cm)
Length	182" (462 cm); 193" (490 cm) with pushbar and winch
Body Width	Chassis width 72" (183 cm) overall; 85" (216 cm) with side cargo boxes
Height	72" (184 cm) Adjustable
Payload	6000 lb. (>2700 kg)
Approach Angle	73°/55° w/pushbar & winch
Departure Angle	53°
Ramp Over Angle	146°
Vertical Step	18" (45 cm); 24" (61 cm) diagonal
Ground Clearance	14" (35 cm)
Fuel Capacity	23 gal. (87 L)
Chassis	Tubular space frame
Roll Cage	Integrated roll cage meets FMVSS 216 & SAE J2422 CH#5 & 6

PERFORMANCE

Top Speed	95 mph (153 kph)
Cruising Range	300 miles (483 km) at Mission Profile; 500 miles on flat ground at 40 mph (800 km)
Maximum Grade	60%
Dynamic Side Slope	40%
Turning Radius	38 ft. (11.58 m) curb to curb
Fording	30" no prep (76 cm)



POWERTRAIN

Engine Type	2.0 L GM DOHC Bi Turbo charged Intercooled, Direct Injection Common Rail Fuel System F-24/JP8/Diesel Fuels
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 rear
Transfer Case	2 speed high 4x2 or low full time 4x4

SUB SYSTEMS

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 (D) with internal bead lock VFI run flat, optional CTIS Optional tire size 37 x 13.5 R17 (E)



ELECTRICAL 12/24V ISOLATED SYSTEMS

Charging System	12V, 140 amp 2 x 68 Amp /Hr batteries
Battery Capacity	12V system; 2 parallel 68 Ah 24V system; 2 series 120 Ah

THE FLYER[®] 72

TACTICAL UTILITY VEHICLE (TUV)



Introducing the world's most advanced CH-47 internally air transportable Tactical Utility Vehicle

The Flyer[®] 72 Tactical Utility Vehicle (TUV) is an open cargo deck vehicle that is capable of supporting multiple mission kits. The TUV shares the same based design 90% component commonality with our USSOCOM's M1288 GMV I.I and Army's M1297 AGMV vehicles. The TUV can be used as a kit modification for either the M1288 or M1297 vehicles.

The TUV's open cargo deck (69" wide X 83" long), combined with below deck and external storage compartments, provide 102 cubic feet of cargo space – unprecedented payload volume for this class of vehicle.

With a payload capacity of 6000 Lb. (>2700 Kg), the Flyer[®] 72 TUV offers an industry-first payload ratio greater than 1:1 (curb weight to payload), while retaining the same mobility, maneuverability and reliability of the GMV I.I and Army GMV variants.

Like all our Flyer 72 variants, the TUV is built to reliably operate in severe, rugged, and restrictive terrain, in all-weather conditions.

THE **FLYER[®] 72** TACTICAL UTILITY VEHICLE (TUV)

3 PAX with Open Cargo Bed Kit

102 cubic feet of usable cargo space with payload capacity of 6,000 lbs.



The **Flyer[®] 72 TUV** is a mature design that shares all the best qualities of the USSOCOM MI288 GMV1.1 and US Army MI297 AGMV:

- More options for payload and modular kits
- Shared design approach provides 90% parts commonality
- Internally & externally transported by CH-47/53 Helicopters and larger aircraft.
- Provides national strategic airlift options, nearly twice the amount of vehicles per flight on C-17 with more than double the soldiers per flight.

More Payload and Modular Kits Than Any Vehicle in Its Class

+1 Gunner Main Weapons Station Kit



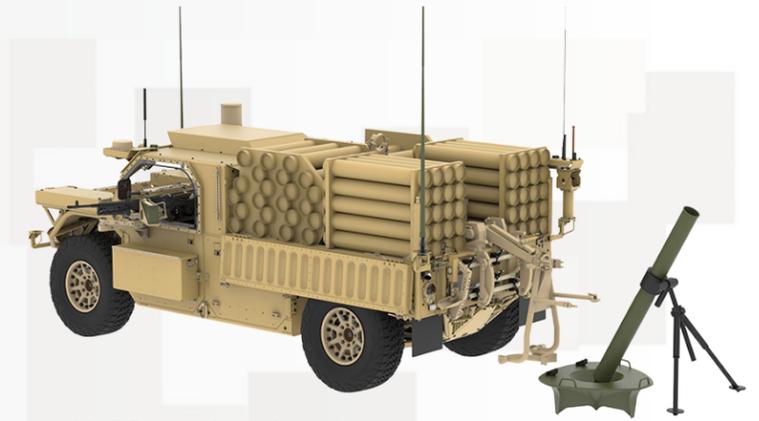
Manned or remote weapon station capable from 7.62mm to .50 caliber armament.



Shelter Carrier Kit

Ambulance or C4 shelter

Mortar Weapon and Munitions Carrier Kit



Capable of carrying 120mm mortar weapon with 80 rounds on board.



12-Crew Assault Carrier Kit

Carries nine seated operators in cargo bed, three in cab

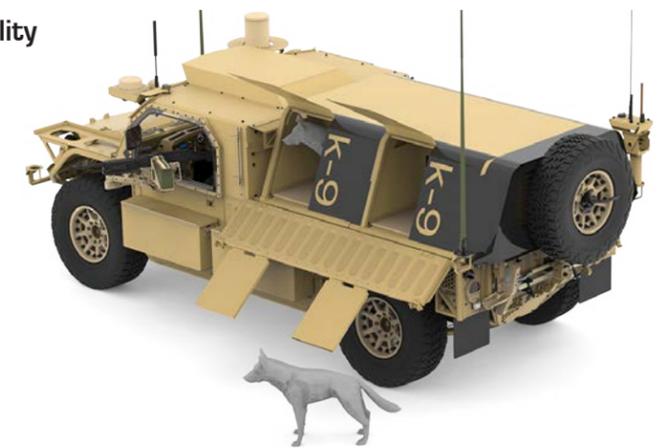
Tactical CASEVAC/ Ambulance Kit

Carries up to four litters and three operators in cab



Modular, Mobile, Mission-Ready Tactical Utility Vehicle

- Multiple Weapon and Mission Kits
- Increased Speed, Mobility & Transportability
- Sealable Armor for Increased Protection
- Best Payload Adaptability & Modularity



K-9 Carrier Kit

Carries four canines and three-man crew