



## GURKHA MPV

Issued to:  
Port St. Lucie Police Department  
121 SW Port St. Lucie Blvd  
Port St. Lucie, FL  
34983

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**BASE VEHICLE SPECIFICATIONS****Ballistic Protection**

Opaque Armor  
(Occupant Area & Includes Firewall)

NIJ IV: 30-06 M2 Armor Piercing multi-hit (2,850 fps)  
 CEN-B7: 7.62 x 51 M61 Armor Piercing multi-hit (2,690 fps)  
 VPAM VR10: 7.62 x 54 B32 Armor Piercing Incendiary (2,820 fps)  
 UL752 Level 10: 50 Caliber M33 (2,900 fps)  
 50 Caliber M33 (2650 fps) multi-hit  
 20mm Fragment Simulating Projectile (2,480 fps)

**Transparent Armor**

Obliquity angle: Verticals at 0° / roof at 30°  
 NIJ IV: 30-06 M2 Armor Piercing (2,850 fps)  
 UL 752 Level 10: 50 Caliber M33 (2,800 fps)

Obliquity angle: 0°  
 Glass thickness: 2.5 inches / 63 mm

**Fuel Tank**

NIJ III

**Performance**

Base Chassis 2021 Ford F550 4x4  
 Engine Options 7.3L V8 Gas 350 HP / 468 lb-ft. Torque  
 6.7L V8 turbo diesel 350 HP / 825 lb-ft. Torque *OPTIONAL*  
 Transmission 10-speed automatic with tow/haul mode  
 Transfer Case 2-speed with electronic shift on the fly 4x4  
 Rear Differential 4.88 ratio with limited slip  
 Brakes Four-wheel disc anti-lock brakes (ABS)  
 Suspension Custom tuned shocks with external reservoir. Upgraded HD steering damper  
 Front Springs Upgraded coils  
 Rear Springs Multi-leaf springs  
 Wheels Four (4) Hutchinson Defense WA-1090 forged aluminum 20" x 11"  
 Run Flats Rodgard run flats  
 Tires 335/80R20 Continental MPT 81

**Capability**

Approach Angle 37°  
 Departure Angle 25°  
 Ground Clearance 11.5 inches (292 mm) - ground to rear differential case  
 22 inches (558 mm) - ground to side step  
 Turning Radius Outside: 22 feet (6,705 mm)  
 Inside: 10'2" (3,225 mm)  
 Track Width 82 inches (2,082 mm)  
 Slope Gradient 60%  
 Side Slope 40%  
 Water Fording 41 inches (1,041 mm)  
 Vertical Step 18 inches (457 mm)  
 Trench 27 inches (685 mm)  
 Top Speed 70 mph (110 km/h)  
 Fuel Range 425 miles (680 km)

**Capacities & Dimensions**

GVWR 19,500 lbs (8,845 kg)  
 GAWR Rear 14,706 lbs (6,670 kg)  
 GAWR Front 7,500 lbs (3,401 kg)  
 Curb Weight 16,800 lbs (7,620 kg) - Base model  
 Payload 2,700 lbs (1,224 kg) - Base model  
 Fuel Tank 40 gallons (151 liters)  
 Length 242 inches (6,350 mm)  
 Width 96 inches (2,438 mm) with side mirrors folded in  
 Height 103 inches (2,616 mm) - roof hatch  
 115 inches (2,921 mm) - cupola  
 Wheelbase 145 inches (3,683 mm) - unaltered chassis with valid Ford OEM warranty

**Interior**

Front Seats	Driver & passenger front seats with arm rest
Rear Seats	Two (2) side facing bench seats for three (3) occupants per bench Three (3) 2-point seat belts at each bench Bench seats lift up to access storage area on both sides
Flip Seats	Two (2) rear facing flip seats with 3-point seatbelts mounted behind front seats <i>OPTIONAL</i>
Air Conditioning	Factory AC & heat in front cab Ceiling mounted AC & heater for rear occupants <i>OPTIONAL</i>
Insulation	Insulation in walls, ceiling and floor
Center Console	Full size console with backlit accessory switches, two (2) cup holders and cell phone storage pockets
Ceiling Console	Ceiling mounted console with white map lights and spare upfitter switches
Headliner	Heavy duty automotive grade fabric upholstered headliner
Lighting	White / red LED lights in the occupant area
Console	Center console with backlit switches and two (2) cup holders
Audio	AM/FM radio with two (2) speakers
Windows	One-piece full size windshield Large full view glass at both front doors Four (4) portal glass at each side and two (2) portal glass at back doors Larger glass size available to replace portal glass <i>OPTIONAL</i>
Grab Handles	Grab handle at each door and six (6) grab handles mounted to the rear ceiling
Tie-Downs	Multi-positional rail tie-down system mounted to both bench seats
Ventilation	Smoke extraction fan mounted at the driver side rear area

**Exterior**

Paint	Client to specify color
Tow Hooks	Two towing hooks mounted at front and rear
Mirrors	Two power adjustable side mirrors
Fuel Access	Fuel tank access door with key lock
Side Steps	Full length side steps coated in black Line-X positive grip coating Full width rear step coated in black Line-X positive grip coating Secondary rear step hinged for departure angle breaches
Hand Rails	Roof mounted handrails on driver and passenger side upper body line Roof mounted handrail on rear upper body line
Roof	Grip tape strips added to roof for positive grip
Bumpers	Heavy duty integrated front bumper Full width rear step
Side Doors	Two (2) side doors (seating for 2 + 10) Four (4) side doors (seating for 2+6) <i>OPTIONAL</i>
Rear Doors	Two (2) rear entry doors – 50/50
Door Locks	Internal dead bolt locks on all doors Hold-open locks on all doors Manual lock at each door Remote power door locks integrated with OEM Ford key top <i>OPTIONAL</i>
Exterior Lights	7 inch round LED headlights Recessed LED signal lights mounted at front bumper Five (5) amber clearance LED lights mounted at the front roof Two (2) amber marker LED lights mounted at front corners Five (5) red clearance LED lights mounted at the rear roof Two (2) red marker LED lights mounted at rear corners LED tail lights and license plate light

**OPTIONAL UPGRADES**

**Tactical Options**

<input type="checkbox"/>	1	Low profile sliding hatch with height adjustable operator stand	\$10,000
<input type="checkbox"/>	2	Manual rotating roof hatch with gun port and height adjustable operator stand	\$10,000
<input checked="" type="checkbox"/>	3	Manual rotating cupola with height adjustable operator stand	\$20,000
<input checked="" type="checkbox"/>	4	Gun ports: 4 per side / 2 at rear door	\$5,000
<input type="checkbox"/>	5	Manual battering ram with external or internal storage	\$4,500
<input checked="" type="checkbox"/>	6	Power operable battering ram with external storage racks	\$6,500
<input type="checkbox"/>	6P	Provision for power ram. Includes front mounts, wiring and external storage racks	\$1,500
<input checked="" type="checkbox"/>	7	Automated gas delivery breaching head (CIS & Dettech compatible)	\$13,500
<input type="checkbox"/>	8	Kam cam breaching head with four (4) multi-position cameras	\$6,500
<input checked="" type="checkbox"/>	9	Power operable ballistic skip shield – NIJ III armor	\$3,500
<input type="checkbox"/>	10	Fire suppression system at all wheels	\$6,000
<input type="checkbox"/>	11	Fire suppression system at engine	\$6,000
<input type="checkbox"/>	12	Breathing air tank with quick release connector at each seat - masks not included	\$6,000
<input type="checkbox"/>	13	Protective steel mesh on all windows (removable)	\$3,000
<input type="checkbox"/>	14	Explosive gas detection system	\$6,000
<input type="checkbox"/>	15	Radiation detection system	\$6,000
<input checked="" type="checkbox"/>	16	Four (4) side door configuration	\$2,000
<input checked="" type="checkbox"/>	17	Transparent armor upgrade: 30-06 M2 AP - NIJ IV / 1.62 x 51 M61 AP multi-hit - L EN B / 50 Cal M33 / 20 mm FSP at 0° obliquity (Glass thickness: 3 inches / 78 mm)	\$5,000
<input type="checkbox"/>	18	LRAD 100X with magnetic roof mount (optional upgrades available)	\$14,000
<input type="checkbox"/>	18P	Provision for LRAD 450XL. Includes LRAD wiring harnesses and roof mount	\$4,050
<input type="checkbox"/>	19	LRAD 450XL roof mounted with standalone MP3 controller (optional upgrades available)	\$27,000
<input type="checkbox"/>	20	LRAD 450XL roof mounted with integrated MP3 controller (optional upgrades available)	\$31,050
<input type="checkbox"/>	21	Roof mounted water monitor with joystick	\$38,000
<input type="checkbox"/>	22	Two (2) floor mounted gun racks	\$1,170
<input type="checkbox"/>	23	Patriot 3 Liberator HX or ARC elevated tactics system	Please contact
<input checked="" type="checkbox"/>	24	5-piece ammunition and first aid magnetic storage kit	\$700
		<b>Exterior Lighting Options</b>	
<input checked="" type="checkbox"/>	25	Two (2) front roof mounted LED search lights - remote control	\$2,500
<input type="checkbox"/>	26	Two (2) rear roof mounted LED search lights - remote control	\$2,500
<input type="checkbox"/>	27	10 inch LED scene lights - left & right side mount	\$2,000
<input type="checkbox"/>	28	6 inch LED flood lights – left & right side mount	\$1,200
<input type="checkbox"/>	29	Two (2) 4 inch infrared lights mounted on front bumper	\$1,500
<input checked="" type="checkbox"/>	30	Two (2) 6 inch LED fog lights mounted on front bumper (DOT compliant)	\$0
<input type="checkbox"/>	31	Standard Emergency Light Package (Alternate configurations available): Red/Blue Roof mounted light sticks: Front & rear Red/Blue Perimeter Lighting: 4 @ front, 4 @ rear, 2 @ both sides Public Address System: 200W siren with two (2) x 100W speakers Wigwag flashers in headlights and tail lights	\$5,000
<input checked="" type="checkbox"/>	32	Premium bluePRINT Emergency Light Package Four (4) roof mounted LED traffic controller/take down/scene lights LED perimeter flashers/scene lights: 6 @ front / 4 @ rear / 3 @ both sides Public Address System: 200W siren with two (2) x 100W speakers Blackout switch to disable exterior lighting	\$9,500
<input type="checkbox"/>	33	Roof mounted traffic light pre-emption strobe	\$3,000
<input type="checkbox"/>	34	Low frequency siren with 2 x external speakers	\$2,500
<input checked="" type="checkbox"/>	35	7 inch round LED headlights – blacked out housing	\$0
<input checked="" type="checkbox"/>	36	Install customer supplied police radio, 25' coax cable thick mount / antenna	\$750
<input type="checkbox"/>	37	Install customer supplied emergency lighting	\$1,000

**Electronic Options**

<input checked="" type="checkbox"/>	38	Intercom system – inside / outside	\$1,500
<input checked="" type="checkbox"/>	39	Battery charger with auto eject receptacle	\$2,900
<input type="checkbox"/>	40	Roof Mounted Pan / Tilt / Zoom Color Camera: CCD PTZ camera, 30x zoom, search light, IR light, lens wiper, joystick controller, dash mounted 9 inch touch screen monitor with 256 GB DVR, 15 inch rear monitor	\$9,800
<input type="checkbox"/>	41	Roof Mounted Pan / Tilt Thermal Sensor: 320 x 240 thermal sensor with remote control, audible and visual alerts for person & vehicle detection, 9 inch dash mounted touch screen monitor with 256 GB DVR, 15 inch rear monitor	\$9,800
<input type="checkbox"/>	42	Roof mounted Pan/Tilt/30x Zoom CCD color camera, thermal sensor (640x480), controller, 9 inch touch screen monitor with 256 GB DVR, 15 inch rear monitor	\$26,000
<input type="checkbox"/>	43	Roof mounted Rvision PTZ color camera with 35mm thermal sensor, 9 inch touch screen monitor with 256 GB DVR, 15 inch rear monitor, Look contoler with monitor	\$48,000
<input type="checkbox"/>	44	TAV-4GLTEWIFI Cellular Modem/WiFi/Video Server Assembly	\$4,800
<input type="checkbox"/>	45	Reverse camera with 7 inch dash monitor	\$800
<input checked="" type="checkbox"/>	46	Reverse camera with 9 inch monitor	\$1,000
<input checked="" type="checkbox"/>	47	Four (4) reverse proximity sensors with audible / visual alert	\$800
<input type="checkbox"/>	48	15 inch ceiling mounted monitor for rear occupants	\$800
<input checked="" type="checkbox"/>	49	Front hood mounted view camera	\$0
<input type="checkbox"/>	50	In-dash GPS navigation head unit	\$2,500
<input type="checkbox"/>	51	1,000W AC/DC power inverter	\$1,000
<input checked="" type="checkbox"/>	52	2,000W AC/DC power inverter	\$1,500
<input type="checkbox"/>	53	Blackout switch to disable all exterior vehicle and emergency lighting	\$1,000
<input checked="" type="checkbox"/>	54	6 USB charging ports - 2 in cab / 4 in rear	\$500
<input type="checkbox"/>	55	Heated windshield	\$1,500
<input checked="" type="checkbox"/>	56	Remote power door locks integrated with key fobs	\$1,000

**Interior Options**

<input checked="" type="checkbox"/>	57	4-way power adjustable driver and front passenger seats (\$1,250 each)	\$2,500
<input checked="" type="checkbox"/>	58	Two (2) rear facing jump seats	\$2,500
<input checked="" type="checkbox"/>	59	Ceiling mounted AC & heat for rear occupants (engine driven)	\$2,500
<input type="checkbox"/>	60	Independent AC (operates with engine off)	\$6,000
<input type="checkbox"/>	61	Independent heater (operates with engine off)	\$6,000

**Medic Layout Package**

<input type="checkbox"/>	62	Work station with storage drawers and backlit shelving Widened driver side bench seat with dual straps to secure tactical litter Dual straps to secure tactical litter at passenger bench seat Two (2) Jumbo D oxygen bottles with independent dispensing spouts Two (2) USB charge ports & 12V power ports Four (4) IV hooks Six (6) Ceiling mounted Whelen red/white LED trauma lights Four (4) Ceiling mounted directional white lights	\$18,900
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**Offroad Options**

<input checked="" type="checkbox"/>	63	Front bumper mounted Warn 16,500 lb capacity winch	\$3,500
<input type="checkbox"/>	64	Warn 16,500 lb winch with front & rear receivers	\$5,000
<input type="checkbox"/>	65	External mount high output air compressor with two quick release couplers	\$5,000
<input checked="" type="checkbox"/>	66	Front differential lock (**Recommended**)	\$3,000

**Exterior Options**

<input checked="" type="checkbox"/>	67	Towing package with class IV rear hitch	\$1,500
<input type="checkbox"/>	68	Spare wheel assembly packaged loose (includes runflat)	\$4,000
<input type="checkbox"/>	69	Paint upgrade from matte/satin finish to base clear finish (clear coat)	\$2,000
<input checked="" type="checkbox"/>	70	Line-X coating on rear fenders, bottom half of vertical sides & all exterior grab rails	\$6,500
<input checked="" type="checkbox"/>	71	Dual exterior storage compartments with locking handles	\$3,500
<input type="checkbox"/>	72	Painted wheels - select color from color option list	\$2,000

**Chassis**

<input checked="" type="checkbox"/>	73	6.7L V8 turbo diesel 330HP / 825 lb-ft torque	\$9,300
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**PRICE & TERMS**

Vehicle Description: GURKHA MPV

Chassis: 2021 Ford F550 4x4 (U.S. specification & title)

Market Zone: United States

Quantity: One (1)

Price Code: Law Enforcement

Base Vehicle: \$220,000

Optional Upgrades: \$112,950

Subtotal: \$332,950

Shipping to PSL \$5,950

**Total Cost (USD) \$338,900**

Basis: Ex-works Factory Newmarket Ontario Canada and free of all Canadian duties and/or taxes. (state taxes are the responsibility of the end user)

Lead time: 22 weeks from receipt of F550 chassis delivered to Terradyne

Shipping: Client to specify shipping preference

**TERRADYNE LIMITED WARRANTY**

Terradyne warrants any items installed, and conversion related to custom workmanship for three (3) years. Any suspected warranty related work must be first be confirmed as being necessary by means of a technical consultation with a representative of TERRADYNE ARMORED VEHICLES INC. Technical consultation regarding any deficiency repairs or malfunctions is available by telephone during our normal business hours Eastern Standard time at 905-895-1010.

Ballistic transparencies are warranted for three (3) years; however the Warranty excludes damage to bullet resistant glass caused by stones, malicious damage, projectiles or other flying objects.

Warranty work to be directly covered by TERRADYNE may be performed locally only after assessment and authorization by TERRADYNE. TERRADYNE shall, upon consultation and approval, make payment for any/all repairs deemed to be of a reasonable nature by the Company.

TERRADYNE does not cover any OEM vehicle parts and components that we have not been modified no performed work on, during the armoring process. Such parts and components are the sole responsibility of the client and the vehicle's Original Equipment Manufacturer.

TERRADYNE assumes no responsibility for damages incurred through vehicle misuse or abuse, negligence, accidental damage, or any unauthorized modifications or alterations made to the vehicle following delivery of the vehicle to the client. Under the terms of this limited warranty, TERRADYNE shall in no way be held liable for any incidental or consequential damages arising from loss of use or loss of time, inconvenience, or commercial loss resulting from the need for warranty work. This warranty covers the repair and/or replacement of warranty related items only, and any non-warranty related additional costs incurred remain the responsibility of the client.

Accessories not directly related to the armoring process (winches, lighting, antenna, shields, turrets etc.) shall be covered by the warranties of their respective manufacturers and are not included in the warranty coverage provided by this agreement. However, although TERRADYNE does not warrant these items directly in any way, we do agree to offer all reasonable assistance in obtaining service from their companies of origin. Should there be any undue difficulties with obtaining servicing of these accessories; TERRADYNE will also agree to replace them for the client at our current wholesale cost price. The client shall remain responsible for any/all shipping and handling fees or incidental costs associated with the replacement of such items, as well as the aforementioned replacement costs.

Terradyne optional limited warranty extension available: 1 year / 20,000 miles

Ford Motor Company Warranty Coverage:

Powertrain: 5 years / 60,000 miles

Gas engine: 5 years / 60,000 miles

Diesel engine: 5 years / 100,000 miles