







**BUILT TO TRAVEL**  
& SERVICED ANYWHERE  
IN THE WORLD

**M1087FMTV**

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## You're in command now!

Looking for the ultimate Burning Man rig, Dakar Rally truck, ultimate Outback exploring rig, bug-out vehicle, hunting rig, tiny home or expedition RV? This expedition vehicle allows for any out-of-the-box lifestyle options or just a weekend away.

Introducing the very first M1087 command center in civilian possession. A 6x6 FMTV (Family of Medium Tactical Vehicles) with expandable sides, designed to transport military cargo and soldiers to remote corners of the globe. The only one converted to an overlanding rig. This unique and rare command center offers an incredible tiny house size when both sides are expanded. This is RV glamping on steroids.



If your idea of an overlanding rig is to park at campgrounds and RV lots, keep looking, this rig is not built for just the highway system. If you are looking for a bad-ass rig, built with a rugged off-road purpose, this may be your rig. This is not a mass-produced cheap RV, no flimsy plastics, fiberglass or lightweight wood. All steel and aluminum construction. This rig was designed and hand-built with meticulous detail and redundant critical systems such as power, hot water, heating and more. If you want a vehicle that can take you anywhere you long to go, this is the ideal, self-reliant overland RV, ready to take you all the places a 2 million dollar expedition rig would take you.

Tired of being locked down or don't want to be trapped in the next pandemic or disaster? This vehicle offers the ultimate social distancing and escape possibilities! During the 2020 Covid-19 pandemic this vehicle enjoyed its overlanding lifestyle as it always had and traveled the US while the rest of the world was in lockdown.

Original military camo exterior gets respect everywhere it goes. No sissy, shiny paint to buff here, **looks tough** and **is tough**. Don't fear getting a scratch in the paint. This bad boy craves the extreme road, getting dirty, and considers the pinstripes left by branches a badge of honor.

The rugged, solid exterior does not prepare a person for the luxury you will experience while inside the bright, clean, comfortable house that includes a king-sized bed, induction cooktop, extra-large kitchen sink, full-size shower, separate toilet, air conditioning, heat, 55" TV and much more. This rig will not only take you somewhere wonderful to unplug, earth your feet, and enjoy rooftop sunsets with a cocktail in hand, but you'll enjoy the journey as much as the destination.

## Where is your next adventure?



## FLEXIBLE OPTIONS

Use it as a temporary small home while you wait out the real estate bubble. Explore several regions comfortably before you purchase your next house. The habitat can easily be removed with 4 locking bolts. Explore the world as is, pull the habitat off and put it on a different truck, or once you find your perfect piece of property take the habitat off and set it on a foundation for an instant off grid tiny home and still have an ultimate 6x6 vehicle for work and play.

## FEATURES

- Designed to travel and be serviced anywhere in the world
- All steel, aluminum, and stainless steel construction (no flimsy wood, plastic, fiberglass materials)
- One of a kind expedition vehicle
  - ↳ Only M1087 FMTV conversion in civilian possession
- CAT 3116 engine
  - ↳ 290 hp



- Allison 7 speed automatic transmission
  - ↳ 30% power to the front wheels and 70% to the rear wheels under normal driving conditions. When put in 6 wheel drive a 50/50 split between the front and rear wheels
- Central tire inflation system, tires can be deflated or inflated at the push of a button
- Dual slide outs
  - ↳ 8'x15' when folded
  - ↳ 14'x15' when unfolded
  - ↳ 226 square feet living area
- 1700 Watts of solar
  - ↳ Rear solar panels are on a rail system so they can slide over the front panels so the roof can be used as a deck
- Separate toilet and shower areas
  - ↳ Cassette toilet can be removed and taken to dump site so vehicle doesn't have to be folded up and driven to dump location
  - ↳ Cassette toilet has fresh water flush
  - ↳ Stainless steel shower with teak flooring
  - ↳ Shower mixing valve has digital and color changing readout
  - ↳ Shower head can be used as both inside and outside shower
- Top of the line dual drawer fridge freezer with independent temperature settings
  - ↳ Top drawer can be fridge or freezer and bottom drawer can also be fridge or freezer
- Military grade 1 gallon hot water maker for hot beverages
- Commercial grade sink faucet and sprayer
- Stainless steel kitchen can be moved to any side of the vehicle based on users preferences
- Induction cook top
- 3 power systems (redundant or backup systems)
  - ↳ 120 volt
  - ↳ 24 volt
  - ↳ 12 volt
- House and vehicle power systems are not connected so house cannot drain vehicle starting batteries and vehicle can always be started
- 600 amp hours of 24 volt LifePO batteries
  - ↳ Power system can run while off grid and power AC, hair dryer, waffle iron, induction cook top, and other high demand electrical devices
- Shore power current draw can be changed based on available power
  - ↳ If 15 amp circuit is all that is available the vehicle will only pull 15 amps and make up any difference from the battery bank
- Full black out window shades.
  - ↳ All window shades and doors have sensors so that when in black out mode if any door or window is opened interior white lights are turned off and blue lights are turned on
- Water purification system
  - ↳ Water can be pumped from any water source (creek, river, lake) and purified with a 7 filter system (sediment, carbon, reverse osmosis, UV)
- 3 methods of heating domestic hot water (redundant or backup systems)
  - ↳ Electric via shore power or solar
  - ↳ Hydronic via diesel heater
  - ↳ On demand propane
- Hot water circulation pump. Fast hot water, gallons of water are not wasted while waiting for hot water to become available at the shower or sink
- No propane in the living area, outside placement of tank.
  - ↳ No risk of carbon monoxide
  - ↳ No risk of propane leak
  - ↳ Vastly reduced internal condensation from burning of propane
- 2 heating systems
  - ↳ Mini split heat pump
  - ↳ Hydronic diesel
- Hydronic diesel has multiple configurations
  - ↳ Habitat heat
  - ↳ Domestic hot water
  - ↳ Engine block heater for cold weather starting
- Redundant or Backup systems
  - ↳ Power
  - ↳ Lighting
  - ↳ Hot water
  - ↳ Heating
- 55" 4K TV
- Multiple USB and 12V power points
- 3 entry doors on habitat (stairs can be used on any door for operator preference)
  - ↳ Rear double door with porch
  - ↳ Driver side man door
  - ↳ Passenger side man door
- LED headlights with color changing halo ring
- King size bed
  - ↳ Leveling system so the bed can be leveled instead of leveling the vehicle
  - ↳ Color changing under bed LED lights





## SPECIFICATIONS

### Exterior

- Cat 3116
  - ↳ 290 hp
  - ↳ 33,000 miles
- Allison 7 speed automatic
  - ↳ MD3070PT
- Pacbrake
- CTIS tire inflation system
- 1997 Stewart & Stevenson M1085 long wheel base truck
- 2007 AAR expansible shelter
- New parking break controls
- All new truck breakers and relays
- New bearings on slide out mechanisms
- New CTIS and wheel bearing seals
- 55 gallon fuel tank
- 8 gallon propane tank
- Led headlights with color changing halo
- Insulated cab
- CD/ stereo with back up camera
- CB
- Hydronic engine block heater / hot water heater / forced air habitat heating

### Interior

#### POWER

- 120v AC / 24v DC / 12v DC power systems
- Victron
  - ↳ Multi Plus 24 / 3000 / 70-50 -120v inverter / charger
  - ↳ MPPT 150 / 60 - MC4 solar charge controller
  - ↳ Color control GX
  - ↳ BMV-702 Battery Monitor
  - ↳ Battery Protect 12/24V-100A

- Felicity Solar LiFePO4
  - ↳ 3.75 KWH @24V
  - ↳ 3 battery packs (600 amp/hrs)
- 5 solar panels Q.PLUS L-G4.2 Solar Panel 340 Watt, 72 Q Cells
  - ↳ 1700 watts
  - ↳ On rail system so half the roof can be used as a deck
- Siemens TPS-C1/120
  - ↳ Surge suppression device
- Lamboda LZS-1000-3
  - ↳ 115/230vac to 24v power converter
- Bussmann 24 to 12 power converter
- USB power outlets
- 12v power points
- Smartplug shore power connector and cable

#### WATER

- On demand tankless propane hot water GSWH-1
- 24V Espar D10 hydronic heater
- 12v hot water circulation pump
- 12v fresh water pump
- 80 gallon total
  - ↳ 20 gallon Isotherm marine shore power and coolant hot water tank
  - ↳ 60 gallon fresh water tank

#### KITCHEN & BATH

- All stainless steel shower, sink, refrigerator, kitchen
- True Induction Double Burner TI-2B counter inset induction cooktop
- Vitrifrigo DRW180AIXD4-DF dual drawer refrigerator / freezer
- Military heater, water and ration
- iSpring RCC7AK-UV Deluxe Under Sink water purification system
- Dual filtered faucets
- Delta 54445-SS-PK H2Okinetic 5-Setting Shower Mount Handshower, Stainless
- Delta T14001-SST20-LHP Angular Modern Temp20
- T&S commercial faucet and sprayer
- Dometic cassette toilet
- 35 gallon grey water tank

#### LIVING AREA

- LG mini split LSU120HXV
- 55 inch TV. Sony X750H 55-inch 4K Ultra HD LED TV -2020 Model
- Led lighting
- 120 volt led lights
- 24 volt led lights
- 12 volt led lights with color changing DMX controller
- King size memory foam bed
  - ↳ Level the bed instead of the truck
- Cell signal booster by WeBoost
- Optimizer marine wifi range extender by Red Port
- Military black out window shades
- Military black out system
  - ↳ Switches all interior white lights off and turns on blue lights if any door or window is opened

