

# SPECIFICATION, JEA CLASS 102: TRUCK MID CREW CAB PICKUP 4'5" BED

**UPDATED JULY 2024**

## 1. SCOPE

It is the intent of the JEA to purchase multiple 4X4 FORD MAVERICKS PICKUP TRUCK with up-fits and options. All units must be tested and delivered to the JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition, with all required equipment and documentation by the date specified per awarded contract.

## 2. MODEL:

New current model year production 4X4 FORD MAVERICK Pickup Truck.



## 3. CHASSIS

- 3.1 Base Curb Weight: not to exceed 3636 lbs
- 3.2 Wheel Base: not to exceed 121.1"
- 3.3 Height: not to exceed 72"
- 3.4 Length: Not to exceed 205"
- 3.5 Width Including Mirrors: not to exceed 98"
- 3.6 Minimum Ground Clearance: 6"
- 3.7 Wheels: 17" or greater, steel or aluminum
- 3.8 Minimum Seating Capacity: Three (5). Include center console option with storage and minimum 2 cup holders
- 3.9 Pay Load: Minimum 1500 lbs

## 4. ENGINE (FULL HYBRID, 2.5L PLUS PERMANENT-MAGNET ELECTRIC MOTOR)

- 4.1 Horse Power: Minimum 162 HP

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- 4.2 Torque: Minimum 155 lbs
- 4.3 Electric Motor: Minimum 126 HP/ 173 lb-ft torque
- 4.4 Combined Total (Engine/Elec) 191 hp

## 5. TRANSMISSION

- 5.1 Minimum Six (8) speed automatic

## 6. TOWING

- 6.1 Factory towing package
- 6.2 Minimum max loaded trailer weight 2000

## 7. TIRES

- 7.1 All Terrain Tread

## 8. BRAKES

- 8.1 Four wheel disc brakes
- 8.2 Anti-Lock brake system (ABS)

## 9. FUEL TANK

- 9.1 Minimum 16 gallon useable fuel capacity

## 10. CHASSIS ELECTRICAL AND LIGHTING (NO SCOTCH LOCK CONNECTIONS)

**NOTE: WIRE ALL LED STROBE LIGHTS TO ONE SWITCH IN CAB WITH LABEL**

- 10.1 Meters (In Cab / Dash Mounted): hour meter, mileage, engine oil pressure, engine temperature, charging system, fuel level etc.
- 10.2 Blue Sea Systems or equivalent Auxiliary Accessory Split Fuse Block (section B "constant hot" wired to a waterproof resettable circuit breaker). All connections made by the vendor must be labeled (with a label maker or equivalent) on the outside of the protective cover. Wire the top section as a common ground, Section "A" as "ignition hot" and Section "B" as "constant hot". Must leave at least six (6) positions open in the "common ground" section, three (3) positions open in ignition hot (Section A) and three (3) positions open in constant hot (section B). The purpose for leaving these positions open is for JEA internal installations such as: wiring for GPS, fuel rings, JEA Radio, DC accessory power outlets, etc. Example is listed below including picture:

Blue Sea Systems ST Blade Split Bus ATO/ATC Fuse Block (Model # 5032) &  
Blue Sea Circuit Breaker (285 Series)

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**NOTE:** DO NOT WIRE ANY ACCESSORY INTO THE FACTORY FUSE PANEL. WIRING ACCESSORIES INTO FACTORY UPFITTER SWITCHES IS ACCEPTABLE.

- 10.3 All Cab / Chassis Lights: LED only
  - LED Headlights and Taillights required only if available OEM
- 10.4 Corner Mounted LED Strobe Lights: Four count, one on each corner (Whelen T-IONS Model # TL12F)
- 10.5 DC Accessory Power Outlets: One additional DC power outlets in cab for accessories with spring loaded cover. See example below: NAPA Part # BK 7821773 or equal. Wire to the Auxiliary Accessory Fuse BLOCK



- 10.6 Power Package: Power windows, locks, mirrors (Heated), cruise control and tilt wheel
- 10.7 Factory installed air conditioner and heater
- 10.8 Front parking sensors, blind spot monitoring, back up sensors and backup alarm
- 10.9 OEM AM / FM Stereo with auxiliary input, backup camera, and Bluetooth hands free. Units must meet FMVSS111 Requirements.
- 10.10 Whelen Justice DUO RX WeCanX® (RX4FFF 44" DUO Color, amber/white) Series Strobe Light or equivalent. Hard mount and wire to the Cab Roof. No exposed wires. Must include a controller (Whelen PCC8R or equivalent) with the following functions:
  - Alley Lights (Isolated and Independent of strobes)
  - Take Down Lights (Isolated and Independent of strobes)
  - Front Strobe Pattern
  - Rear Strobe Pattern
  - Front/Rear Strobe Pattern
  - Rear Arrow Patterns (Right and or Left)

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## 11. ADDITIONAL REQUIRED EQUIPMENT

- 11.1 Window Tint: driver, passenger & rear windows (Max Legal in FL)
- 11.2 Spray In Bed Liner: bed, tail gate and inside aluminum tool boxes (LINE X or equal)
- 11.3 Coffin Lid Tool Box: CAM LOCKER (Aluminum) with cam lock latches. Mounted behind rear window
- 11.4 Seat Belts: **Fluorescent Green**



## 12. COLOR/GRAPHICS

- 12.1 White exterior
- 12.2 Delete all vendor and manufacturer identification decals except required safety & reference identification tags, decals, data plates and placards

## 13. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

- 13.1 One (1) Set of operator manuals (Hard Copy) per unit
- 13.2 Provide maximum number of programable key fobs not to exceed five (5) fobs. Include five (5) sets of keys for attachments, bins and tool boxes. Key all bins and tool boxes alike. Stamp/Engrave JEA provided 5 digit unit number on all keys.
- 13.3 One (1) on-site JEA Operator Orientation Class (Complete Unit: Chassis and Attachments)
- 13.4 One (1) on-site JEA Maintenance Orientation Class (Complete Unit: Chassis and Attachments)


## 14. WARRANTY

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- 14.1 Minimum 3 Year / 36,000 Mile warranty and all standard manufacturer warranties including component warranties
- 14.2 Warranty period starts when units received at JEA Fleet Facility, Inspected and Accepted

### 15. OTHER REQUIREMENTS

- 15.1 Purchase and Install Yellow City License Plates
- 15.2 Install JEA provided decals
  - Ensure the JEA Branding (Decals) do not interfere with the sensors on the vehicle
- 15.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe
- 15.4 Current DOT Inspection / Certification with decal installed lower left inside corner of windshield (punched out not handwritten). For DOT inspection paperwork, please include current date, current hours, next service due date and next service due hours.
- 15.5 Include a paper copy specification / build sheet in all units including key codes
- 15.6 Must include/document the VIN number, make, model, description, JEA PO # and JEA provided 5 digit unit # on all invoices
- 15.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet
- 15.8 Reflective roadside triangle warning/hazard kit 

**NOTE:** All units, attachments, products and services must meet and comply with all applicable regulations and specifications including but not limited to Federal and State Laws, OSHA Regulations, ANSI Standards, DOT Regulations and ASTM Standards. All units must be delivered to the JEA Fleet Facility with a minimum  $\frac{3}{4}$  tank of fuel. Contact Tremel Carmichael at 904-517-2528 48 hours prior to delivery. Delivery times are Monday through Friday 07:00 AM – 03:00 PM at 5717 New Kings Road Jacksonville Florida, 32209.