

SPECIFICATION, JEA CLASS 130: ONE TON MID HEIGHT LWB VAN
UPDATED AUGUST, 2019

1. SCOPE

It is the intent of the JEA to purchase multiple 1 Ton Mid Height Long Wheel Base Vans with various configurations, 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 1 Ton Mid Height Long Wheel Base Vans (Ford 350 Transit Van). Reference JEA In-Service Units for layout and option details.



3. CHASSIS

- 3.1 Base Curb Weight: not to exceed 5200 lbs.
- 3.2 Wheel Base: Between 147" and 148".
- 3.3 Height: not to exceed 115".
- 3.4 Length: not to exceed 244".
- 3.5 Width Including Mirrors: not to exceed 99".
- 3.6 Minimum Ground Clearance: 8".
- 3.7 Wheels: 17" or 18", steel or aluminum.
- 3.8 Minimum Seating Capacity: Two (2). Include center console option with storage and minimum 2 cup holders.
- 3.9 Pay Load: 4200 lbs.
- 3.10 Sliding Side Door (No Windows): Passengers side only.

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4. ENGINE (3.7 LITER V6 UNLEADED FUEL)

- 4.1 Horse Power: Minimum 275 HP.
- 4.2 Torque: Minimum 260 lbs.
- 4.3 No automatic idle shutdown.
- 4.4 V6, unleaded fuel.
- 4.5 Fuel Economy: Minimum 14 City and 16 Highway

5. TRANSMISSION

- 5.1 Six (6) speed automatic.

6. TOWING

- 6.1 Class-3 towing package.
- 6.2 OEM 7 pin RV trailer plug.
- 6.3 Minimum max loaded trailer weight 4000 lbs.
- 6.4 OEM integrated brake controller.

7. DIFFERENTIALS

- 7.1 Limited slip or lockable.

8. TIRES

- 8.1 All season tread.

9. BRAKES

- 9.1 Four wheel disc brakes.
- 9.2 Anti-Lock brake system (ABS).

10. FUEL TANK

- 10.1 Minimum 24 gallon useable fuel capacity.

11. CHASSIS ELECTRICAL AND LIGHTING (NO SCOTCH LOCK CONNECTIONS)

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

- 11.1 Meters (In Cab / Dash Mounted): hour meter, mileage, engine oil pressure, engine temperature, charging system, fuel level etc.
- 11.2 Auxiliary Accessory Fuse Block: Purpose is to wire GPS, fuel rings, JEA Radio, DC accessory power outlets etc. Wire to waterproof resettable breaker so we can isolate from the vehicle OEM system if needed. An acceptable example is listed below including picture

Blue Sea Systems ST Blade ATO/ATC Fuse Blocks

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Style Name: 12-Circ Split w/Cover & Neg



- 11.3 All Cab / Chassis Lights: LED only.
- 11.4 Corner Mounted LED Strobe Lights: Eight count, one on each upper corner and one on each lower corner (Mount in light buckets if possible).
- 11.5 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



- 11.6 Power Package: Power windows, locks, mirrors (Heated), cruise control and tilt wheel.
- 11.7 Factory installed air conditioner and heater.
- 11.8 Back up sensors and backup alarm.
- 11.9 OEM AM / FM Stereo with auxiliary input, backup camera, and Bluetooth hands free. Units must meet FMVSS111 Requirements.
- 11.10 OEM UP-FITTER Switches.
- 11.11 INVERTER: 1500 Watt Inverter (Xantrex PROwatt SW 1500, Pure Sine Wave Inverter or Equal) mounted to inside behind bulkhead (Outlets Facing Up or To Passengers Side). Wire to Battery Power with Re-Settable Breaker.
- 11.12 Cargo Area Interior Lights: 3 Interior Roof Mounted LED lights, evenly spaced and centered.

12. ADDITIONAL REQUIRED EQUIPMENT

- 12.1 Window Tint: driver, passenger & rear windows (Max Legal in FL).
- 12.2 Spray In Bed Liner: Cargo floor area. Spray 8" up on all sides (LINE X or equal).

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- 12.3 Cargo Area Floor Mat: With corrugated bottom to make floor area a level/smooth walking surface.
- 12.4 Rear Door Windows Only (Tinted). No cargo area windows.
- 12.5 Seat Belts: **Fluorescent Green**



- 12.6 Tow/Recovery Hooks: Front.

13. COLOR/GRAPHICS

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

14. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

- 14.1 One (1) Set of operator manuals (Hard Copy) per unit.
- 14.2 Provide five (5) complete sets of keys per unit (3 FOB Keys and 2 Standard Keys for Chassis) including attachments, bins and tool boxes. Key all bins and tool boxes alike. Stamp/Engrave JEA provided 5 digit unit number on all keys.
- 14.3 One (1) on-site JEA Operator Orientation Class (Complete Unit: Chassis and Attachments).
- 14.4 One (1) on-site JEA Maintenance Orientation Class (Complete Unit: Chassis and Attachments).
- 14.5 Include a paper copy specification / build sheet in all units including key codes.
- 14.6 Must include/document the Vin Number, Make, Model, Description, JEA PO # and JEA Provided 5 Digit Unit Number on all invoices.
- 14.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet.

15. WARRANTY

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

16. OTHER REQUIREMENTS

- 16.1 Purchase and Install Yellow City License Plates.
- 16.2 Install JEA provided decals (You may use JEA's current vendor at your expense).

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- 16.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe.
- 16.4 Current DOT Inspection / Certification with decal installed lower left inside corner of windshield. Include current date, current hours, next service due date and next service due hours.
- 16.5 Must include/document the VIN number, make, model, description, JEA PO # and JEA provided 5 digit unit # on all invoices.
- 16.6 Reflective roadside triangle warning/hazard kit.



OPTION A: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

- RANGER DESIGN (Shelving / Bins): Ford Transit Electrical Package - F411 or EZ STAK Equal.
- Roof Mounted LED GO LIGHT (HARD Mounted/Hard Wired).

OPTION B: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

- LADDER RACK: Double roof mounted PRIME DESIGN or Equal with a Conduit Storage Box mounted in the center.
- RANGER DESIGN (Shelving / Bins): Z16-F4 drivers side and Z16-F4-2 passenger side.

OPTION C: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

See JEA TRANSIT VAN # 50422 for Reference/Clarification

- LADDER RACK: Double roof mounted PRIME DESIGN or Equal with a Conduit Storage Box mounted in the center.
- RANGER 148 MR PACKAGE (Q51030). Along with the following additional Options: 3020-FTM, 5040, 5041 and Q16620.15.
- 4" Diameter X 84" Long Storage Tube with Lockable / Weatherproof Lids.



OPTION D: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

- RANGER DESIGN (Shelving / Bins): Ford Transit Electrical Package - F411 or EZ STAK Equal.

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- SPITZLIFT CRANE (Right Rear/Inside Rear Door Mounted): Compact SPITZLIFT Aluminum, Collapsible/Stowable/Removable, 350LB Capacity (MODEL # LSEQRT10-3M/H).
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OPTION E: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

- RANGER DESIGN (Shelving / Bins): Ford Transit Electrical Package - F411 or EZ STAK Equal.
- LADDER RACK: Double roof mounted PRIME DESIGN or Equal with a Conduit Storage Box mounted in the center.

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 Thurman McGlothlin at 904-576-9382 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.