

SPECIFICATION, JEA CLASS 130: ONE TON MID HEIGHT LWB VAN
UPDATED JULY 2024

1. SCOPE

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



3. CHASSIS

- 3.1 Base Curb Weight: not to exceed 5400 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: OEM 16", 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.

4. ENGINE (E-85)

- 4.1 Horse Power: Minimum 275 HP.

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- 4.2 Torque: Minimum 260 LBS.
- 4.3 No automatic idle shutdown.
- 4.4 E-85 Alternative Fuel Capable

5. TRANSMISSION

- 5.1 Ten (10) speed automatic.
- 5.2 PTO Provision, if available.

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 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:

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



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

- 11.3 All Cab / Chassis Lights: LED only.
 - LED Headlights and Taillights required only if available OEM
- 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 Front parking sensors, blind spot monitoring, 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 1500 Watt Pure Sine Wave Power Inverter (Samlex or equivalent) wired to appropriate capacity circuit breaker (Blue Sea Circuit Breaker 285 Series or equivalent). Wired ignition on ONLY (key hot function). Mounted to inside behind bulkhead (Outlets Facing Up or To Passengers Side).
- 11.12 Cargo Area Interior Lights: 3 Interior Roof Mounted LED lights, evenly spaced and centered.

12. ADDITIONAL REQUIRED EQUIPMENT

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- 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).
- 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 or Orange



- 12.6 Tow/Recovery Hooks: OEM Front, required if available
- 12.7 Aluminum Bulkhead Partition: No door and designed so the driver and passenger seats can be adjusted and set back.

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 and placards.

14. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

- 14.1 One (1) Set of operator manuals (Hard Copy) per unit.
- 14.2 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.
- 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).

15. DRAWINGS

- 15.1 Scaled Drawings will be provided to JEA upon receipt of order. Drawings will include all interior/exterior and equipment layout details & dimensions. Final Drawings / Layout will be approved by JEA before work is started. Include one electronic copy (Flash Drive). Drawings maybe used at JEA's discretion for solicitations, request for information, reference for repairs, etc.

16. WARRANTY

- 16.1 Minimum 3 Year / 36,000 Mile warranty and all standard manufacturer warranties including component warranties

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16.2 Warranty period starts when units are received at JEA's fleet facility and are inspected and accepted.

17. OTHER REQUIREMENTS

17.1 Purchase and Install Yellow City License Plates

17.2 Install JEA provided decals

- Ensure the JEA Branding (Decals) do not interfere with the sensors on the vehicle

17.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe

17.4 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

17.5 Include a paper copy specification / build sheet in all units including key codes

17.6 Must include/document the VIN number, make, model, description, JEA PO # and JEA provided 5 digit unit # on all invoices

17.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet



17.8 Reflective roadside triangle warning/hazard kit

OPTION A: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 17 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 17 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 17 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.

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- Roof Mounted LED GO LIGHT (HARD Mounted/Hard Wired).

OPTION D: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 17 AND THE FOLLOWING

- RANGER DESIGN (Shelving / Bins): Ford Transit Electrical Package - F411 or EZ STAK Equal.
- SPITZLIFT CRANE (Right Rear/Inside Rear Door Mounted): Compact SPITZLIFT Aluminum, Collapsible/Stowable/Removable, 350LB Capacity (MODEL # LSEQRT10-3M/H)



OPTION E: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 17 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.

OPTION F: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 17 AND THE FOLLOWING

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

OPTION G: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 17 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).
- Roof Mounted Low Profile Dometic A/C with Heat Pump with Soft Start
- Shore Power (Sized for application) to run Roof Mounted Low Profile Dometic A/C, Heat Pump. Location TBD

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OPTION H: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 17 AND THE FOLLOWING

- RANGER DESIGN (Shelving / Bins): Ford Transit Electrical Package - F411 or EZ STAK Equal.
- SPITZLIFT CRANE (Right Rear/Inside Rear Door Mounted): Compact SPITZLIFT Aluminum, Collapsible/Stowable/Removable, 350LB Capacity (MODEL # LSEQRT10-3M/H)



- LADDER RACK: Double roof mounted PRIME DESIGN or Equal with a Conduit Storage Box mounted in the center.

OPTION I: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 17 AND THE FOLLOWING

- RANGER DESIGN (Shelving / Bins): Ford Transit Electrical Package - F411 or EZ STAK Equal.
- Install locker on passenger side rear (removed from driver front)
- Remove desk from Unit.
- Move shelving on driver side to bulkhead and add wire rack.



- Remove desk and install shelving on passenger side.

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- LADDER RACK: Double roof mounted PRIME DESIGN or Equal with a Conduit Storage Box mounted in the center.
- Tool box at bulkhead (6 drawers) with two (2) LED lighting above tool box.
- LED light bar at rear door for lighting outside.



- Side and rear entry steps



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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.