



March 9, 2022

Rowan County Emergency Services - EMS Division

130 West Innes Street

Salisbury, NC 28144

RE: IFB #2022-009

Thank You for allowing Southeastern Specialty Vehicles to participate in Invitation for Bid for Type I or Type III Gasoline Ambulances #2022-009 for Rowan County Emergency Services – EMS Division.

Southeastern Specialty Vehicles proposes Life Line Emergency Vehicles for IFB #3022-009.

American Made and 100% Employee Owned, Life Line Emergency Vehicles Type I and Type III ambulance conversions include Lifetime Warranty for Module and Cabinet Construction.

In North Carolina, there are Life Line modules in service with over One (1) Million documented miles. This is a testament to high quality manufacturing and durability of Life Line Emergency Vehicles.

Southeastern Specialty Vehicles is proud to partner with Life Line Emergency Vehicles in presentation of invitation for Bid for Rowan County Emergency Services Type I or Type III Ambulances.

Respectfully Submitted,

A handwritten signature in black ink, reading "Darren Hadley", with a stylized flourish at the end.

Darren Hadley

Regional Sales Manager

PHONE 866-640-2028

FAX 252-430-1503

**911 Martin Creek
Henderson, NC 27537
www.SSVsales.com**



INVITATION TO BID
FOR
TYPE I OR TYPE III GASOLINE AMBULANCES
#2022-009

ROWAN COUNTY

130 West Innes Street

Salisbury, NC 28144

704-216-8174

anna.bumgarner@rowancountync.gov

Date Issued: Tuesday, February 15, 2022

Date Due: Wednesday, March 9, 2022 at 3:00 PM ET

Administered By: Anna Bumgarner, Purchasing Director

**NOTICE TO BIDDERS
ROWAN COUNTY EMERGENCY SERVICES FOR
THREE (3) TYPE I OR TYPE III GASOLINE AMBULANCES**

Rowan County plans to purchase three (3) Type I or Type III Gasoline Ambulances for Emergency Services (ES). All bids submitted must meet or exceed the time frame and the product/service specifications as outlined in this Invitation to bid (ITB).

Bids for this ITB 2022-009 will be accepted until Wednesday, March 9, 2022 at 3:00 pm ET at the Rowan County Purchasing Department, 130 West Innes Street, Suite 31, Salisbury, North Carolina 28144. Bid documents may be obtained by contacting the Rowan County Purchasing Director at:

Rowan County Purchasing Department
Attn: Anna Bumgarner, Purchasing Director
130 West Innes Street, Suite 31
Salisbury, NC 28144
704-216-8174
anna.bumgarner@rowancountync.gov

Submission of any bid signifies the Bidder's agreement that their bid and the content thereof, are valid for ninety (90) calendar days following the submission deadline and will become part of the contract that is negotiated between Rowan County and the successful Bidder. All prices submitted with the Bid shall remain in effect for the ninety (90) day period.

Once the ITB is public all questions related to the ITB shall be directed to the Purchasing Director. Any contact related to the ITB with County Staff and/or Board of Commissioners will be prohibited and cause for rejection.

Bid Response Form must be signed and returned sealed clearly marked "ITB 2022-009 Ambulances"

Rowan County reserves the right to award and/or reject any and/or all Bids and waive any technicalities or irregularities. For complete details, consult the ITB package.

This is the 15th day of February, 2022.

Rowan County

By: Anna Bumgarner
Rowan County Purchasing Director

**ROWAN COUNTY EMERGENCY SERVICES – EMS DIVISION
ITB # 2022-009**

TYPE I OR TYPE III GASOLINE AMBULANCE

The end of this ITB also list options to price as an upgrade.

INTENT OF THIS INVITATION TO BID

This Invitation to Bid (ITB) is intended to provide vendors with a common, uniform set of specifications to assist them in the development of their response and to provide a uniform method for the County to fairly evaluate such responses and subsequently select a vendor from which to purchase ambulances.

The following specification describes a new ambulance that is expected to be acquired by the County. The specification describes the needs of the County as far as chassis configuration and module body design. A state-of-the-art vehicle is required. However, manufacturers that utilize prototype equipment will not be considered. The builder's manufacturing history shall be supported by documentation where applicable, and by the reference section within this specification. The benchmark for the initial configuration of this ambulance shall be the current to CAAS GVS 2.0 ground vehicle standard for ambulances or KKK-A-1822 Federal Specification for Ambulances. However, most requirements in this specification exceed the federal specifications because of the specific needs of the County. Please note that the following specifications represent minimum general terms or requirements. While it is not the intent of this purchaser to preclude any qualified respondent from submitting a response, it must be clear that any respondent deviating in any substantial manner from these specifications will be rejected as being non-compliant.

In responding to this RFP, vendors should follow the prescribed format and use the forms included, thus providing the County with data that is easily compared with data submitted by other vendors in order to fairly and objectively evaluate the response.

The County assumes no responsibility for conclusion or interpretations derived from the information presented in this RFP, or otherwise distributed or made available during this procurement process. In addition, the County will not be bound by or be responsible for any explanation, interpretation or conclusions of the RFP or any documents provided by the Bidding Agency other than those given in writing by the County through the issuance of addenda. In no event may a vendor rely on any oral statement by the County or its agents, advisors or consultants. It is the full responsibility of the vendor to thoroughly investigate the needs, requirements of County not necessarily assumed in this RFP and to submit a completed response accordingly.

INSTRUCTIONS FOR RESPONDENTS

This specification establishes standards for the design, construction and performance of three (3) Type I or Type III 158" WB, Gasoline, minimum 166-inch Modular ambulances. The completed vehicles and components must comply with the current version of CAAS GVS 2.0 ground vehicle standard for ambulances or Federal Specification KKK-A-1822 unless specifically requested otherwise in the following document. As the criteria for compliance with CAAS 2.0 or KKK-A-1822 are well established, this document will not contain redundant references to their content.

Responses will not be accepted after the due date and time stated in the RFP.

Payment shall be made in accordance with these specifications and the Response submitted by the Respondent. Payment will be made upon acceptance of the vehicle(s) and equipment specified in this document.

Responses received shall be evaluated by the County. This evaluation will be based on but not limited to; references and/or manufacturer's experience, completeness of response, exceptions, price, and delivery schedule. *Price alone will not be considered the determining factor in selection of the supplier.*

Responses taking total exception to these specifications will not be accepted.

Any exception to the provisions in these specifications must be marked in the body of this document and itemized on a separate attached page(s) titled **EXCEPTIONS**. Referenced by section and paragraph, a detailed explanation of the exception shall be provided along with by the respondent's alternative response.

Responses not following this format shall not be considered. NO EXCEPTIONS TO THIS SECTION.

The respondent shall indemnify and save the County harmless from any and all claims, liability, losses, and causes of actions which may arise out of the fulfillment of this agreement. The Respondent shall pay all claims and losses of any nature whatsoever in connection therewith, and shall defend all suits, in the name of the County when applicable, and shall pay all costs and judgments which may ensue thereafter.

Failure to deliver any part of the order to the terms required may be considered by the respondent as a breach of contract. In such case the vehicle(s) and equipment may be rejected and the purchaser shall retain the right to require forfeiture of the full amount of the Performance Bond (if required) as liquidated damages.

Failure to deliver the vehicles as specified in this RFP within 120 days of the receipt of Purchase Order shall allow the County to invoke a penalty for non-performance. That penalty, in the amount of \$200 per day per unit for every day beyond the 120 days specified, may be wholly or partially enforced at the discretion of the County.

When submitting their Response, Respondents must return all pages of these specifications as part of the Response as it will form the Contract between the respondent and the County. Caution should be taken by the Respondent that all questions are answered in the spaces provided and that all information requested is provided.

It is the Respondent's responsibility to be familiar with all federal, state, and local laws, ordinances, codes, and regulations concerning the submission of this RFP and the work it effects. Ignorance of said enactments shall not relieve the Respondent of responsibility to comply or complete the work as proposed.

In the event a clarification is requested on the contents of this specification, the question shall be addressed via email or in writing to:

Rowan County Purchasing Department
Attn.: Anna Bumgarner
130 W. Innes Street
Salisbury, NC 28146-8388
anna.bumgarner@rowancountync.gov

When a Respondent requests clarification, a copy of the request and the County's reply will be forwarded to all Respondents.

The vehicle(s) shall, at the time of delivery, conform to the minimum requirements of the latest standards covering vehicles of this type. This shall include federal, state and local requirements.

The requirements for the proposed vehicle(s) are found in the, Detailed RFP Specifications including; Appendix A: Photographs. The photographic portfolio should be adequate for any bidders to determine generalized dimensions and layout of the EMS unit. It is the opinion of the County that the photographic portfolio is more specific than detailed drawings regarding the placement of equipment and communications devices yielding a more exacting finished product.

In the event the respondent represents more than one ambulance manufacturer meeting the manufacturer requirements outlined herein, then the respondent shall "only" offer the highest quality vehicle(s) that the respondent represents. Multiple responses from the same respondent on different manufacturers may be accepted if more than one manufacturer exhibits the same quality standards. This purchaser is seeking quality equipment. Respondents are asked to offer only the product(s) of the highest level of quality represented by that respondent.

Is this requirement understood and met?

Yes ____ No X Respondent's Initials: DH

By signing this document, the Respondent agrees that this Response is made without any understanding, agreement or connection with any other person, firm or corporations making

a response for the same purpose, and that this response is in all respects fair and without collusion or fraud.

Current literature and detailed specifications on the unit proposed shall be included with the response submittal.

TYPE OF RESPONSES TO BE SUBMITTED

The information requested within the response must be furnished in full. Any respondent not completing this response or not furnishing any required information will not be considered. If a respondent will not furnish a material or fabrication process exactly as described in this specification, then that difference must be designated in the list of exceptions. If a substitution is being proposed, then the respondent must note the section to which the alternative is being proposed and provide technical data, supported by an engineer, supporting the fact that the substitute is equal to or better than the item as specified. If this data is not submitted with the response, then the response shall be rejected as being non-compliant. Respondent added narrative describing a substitution as being clarification, exceeding, being equal to, etc. will not be accepted. Statements such as these, with or without the technical data described in this section, will cause the response to be rejected as being noncompliant.

This County reserves the right to require samples of any deviating material to be provided for evaluation.

Does the respondent comply with these requirements? Yes X No

Important Dates

Issue Date:	Tuesday, February 15, 2022
Deadline for written questions:	Monday, February 21, 2022 at 5:00 PM ET
Deadline for Submitting Bids:	Wednesday, March 9, 2022 at 3:00 PM ET

Detailed Request for Proposal Specifications

GENERAL REQUIREMENTS

Payment shall be made on delivery of the purchased item, or upon completion of all work contracted for (whichever occurs later) and performed to the satisfaction of the County.

Does the respondent comply with this requirement? Yes X No _____

All prices shall quote F.O.B. destination basis, at the County's specified location. Prices shall be complete and include all warranties and equipment specified. Allowances will not be made for incorrect or incomplete responses.

All prices, terms and conditions must be specified on the Request for Response Form.

Does the respondent comply with this requirement? Yes X No _____

CONSTRUCTION/INSPECTION TRIPS

Construction/inspection trips may be required in order to assure conformity to specifications and the high-quality product the County requires. The County will be responsible for expenses incurred on behalf of its representatives when these trips occur.

Dealer/manufacture representatives that choose to accompany County representatives will be responsible for any expenses incurred on their behalf.

The travel days shall be the day before and the day after the visit to the builders facility. This will allow for a full day onsite for inspection and correction as needed.

PRE-CONSTRUCTION CONFERENCE

There may be a required pre-construction conference at the successful respondent's manufacturer's facility before any construction can begin.

NOTE: The pre-construction conference meeting shall be conducted at the "primary builder", of the apparatus. No meeting shall take place at the dealerships place of business. This is the only method that will be acceptable to conduct the pre-construction meeting. **NO EXCEPTIONS.**

Two (2) department personnel may attend. A representative or dealer of the successful respondent may attend at their expense.

At this meeting both parties shall again review the specifications to ensure that the apparatus is built to meet or exceed all requirements.

After this meeting the representative of the successful respondent shall present the County with detailed drawings and work order to be used in the production of the apparatus being offered.

MID POINT INSPECTION

There may be a midpoint inspection trip at the factory of the successful respondent. The inspection trip shall consist of two (2) members from the Department who shall inspect the progress of the apparatus to insure compliance to all specifications.

PRE-DELIVERY INSPECTION (FINAL)

There may be a pre-delivery inspection trip at the factory of the successful respondent to insure compliance to all specifications. The inspection trip may consist of two (2) department personnel. A representative or dealer of the successful respondent may attend at their expense. This inspection shall be scheduled so that it occurs when the unit(s) are completed and ready for shipment to the dealer.

Do you comply with all inspection trips? Yes X No _____

Under no circumstances shall the completed ambulance be delivered to the County until all work is complete. Respondents that make allowances for units to be completed at their service facility or office shall not be acceptable to this County. **NO EXCEPTIONS except as allowed in "Specifications"**

Does your response comply? Yes X No _____

ONE MONTH SERVICE CALL

After the vehicle has been in service for approximately one month, the successful respondent shall send a trained "FACTORY" employed technician to the County, for a service and warranty review.

The Factory technician shall check all operating systems and repair or replace any items found defective or in need of re-work.

However, should a problem occur before the one month service call; the County will require immediate service from the FACTORY technician, at the Departments location. **NO EXCEPTIONS**

Does your response comply? Yes X No _____

Prices shall be valid for at least one hundred twenty (120) days from the due date stated on the RFP, or as otherwise specified on the RFP form.

Does your response comply? Yes X No _____

WARRANTY

The response shall include all warranties that are required in the following detailed specifications. The minimum acceptable warranty periods are noted below. In the blank lines the respondent shall note the terms of the warranty that apply to the manufacturer being proposed.

The respondent shall provide a minimum 12 month/12,000 mile Limited Warranty on the vehicle conversion, which covers defective parts and/or components, improper choice of materials, parts and/or components, improper design or engineering and poor or improper workmanship or quality control techniques. This warranty shall cover the complete vehicle, exclusive of the chassis, and shall include any and all costs for labor and parts or materials required to correct deficiencies. It is not the intent of this requirement that items such as light bulbs, or equipment installed in or on the vehicles which are covered by their own separate and specific warranty statements, be included in this warranty.

State the General warranty terms you are proposing:

Number of year's 5 years Mileage 60,000

Since it is the purpose of these specifications to provide for a modular body that will offer many years of service, the Manufacturer of the vehicle(s) shall warranty the structural modular body for the life of the unit. This warranty shall be in writing and shall be included with the Response. Respondents who fail to meet this requirement shall not be considered responsive.

State the Structural warranty terms you are proposing:

Number of year's Lifetime Mileage limitations (if applicable) _____

There shall be a minimum of a six year/72,000 miles electrical warranty provided on the ambulance conversion electrical system. A copy of the warranty statement shall be submitted with this Response.

State the Electrical warranty terms you are proposing:

Number of year's 10 years Mileage limitations (if applicable) 100,000

A four (4) year warranty shall be provided on the paint and its application. A copy of the painter's warranty statement shall be included with this Response. All warranties shall begin at the acceptance of the vehicle(s) by the Purchaser.

State the Paint warranty terms you are proposing:

Number of year's 6 years Mileage limitations (if applicable) _____

For verification of the completed warranty terms stated above the respondent must include printed manufacturer's warranty certificates that meet or exceed the minimum required periods stated below.

Are the manufacturers warranties included? Yes X No _____

All warranties shall be from the manufacturer as opposed to a distributor or service center. This is necessary for the protection of the County, and to guarantee a certain known level of service and warranty. If, however, the respondent feels that it is necessary to modify the manufacturer's warranties, then the respondent shall state why this modification is necessary. In addition, the respondent shall provide a full descriptive warranty certificate describing the warranty modification and the fact that it takes specific precedence over the warranty offered by the manufacturer. If no such certificate is provided, then the modified warranty shall be considered invalid and the manufacturer's warranty shall remain in force. If the manufacturer states that no party is permitted to modify its warranty, then any warranty modification provided by the respondent, despite being in writing, shall automatically be rejected.

Does the respondent conform to the above-written section? Yes X No _____

In order to simplify the evaluation process, the following questions must be answered and this section must be initialed by the respondent.

Are the warranties pro-rated in any manner? Yes X No _____

If yes explain:

Paint Warranty ONLY

Are the warranties transferable? Yes X No _____

If yes explain:

Only if the unit stays in service as a certified ambulance

Has the respondent modified the manufacturer's warranties? Yes _____ No X

If yes explain:

If yes was chosen above, has the respondent included modified written warranties? Yes _____ No _____

If no explain:

If 'yes' was chosen above, has the respondent included financial statements, for the last five (5) years, of the warranty modifier? Yes _____ No _____

If no explain:

Respondent shall initial that this section is understood and has been answered truthfully. Initials: DH

Qualified Vehicle Modifier QUALIFICATION

All Bidders shall be members in good standing of the selected chassis manufacturers Qualified Vehicle Modifier Program (Q.V.M.). Each bidder shall supply a copy of their valid Q.V.M. Certification with their bid. If for any reason the Q.V.M. Certification was withdrawn or suspended within the past five years, the bidder shall supply a full written explanation of the Q.V.M. violation, withdrawal or suspension and any corrective actions taken to regain Q.V.M. Certification.

Does your response comply? Yes X No

NATIONAL TRUCK EQUIPMENT ASSOCIATION TESTING

A.M.D. 001 - AMBULANCE BODY STRUCTURE STATIC LOAD TEST: The ambulance described herein shall be type tested to the National Truck Equipment Association's Ambulance Manufacturing Division, Standard 001 - Ambulance Body Structure Static Load Test except the test weight shall be a minimum of 55,000 pounds. The test shall be conducted by an independent testing laboratory. The module body bid herein shall contain extrusion shapes and general structural layout identical to the test body used in the test.

Safety is this Agency's first concern. Structural integrity is crucial to the safety of the patient, passengers and crew. Any manufacturer's product that has undergone a catastrophic modular dismemberment during a collision shall voluntarily supply the Agency with a report containing the date, a full explanation of the incident and photographs of the modular ambulance involved in the collision. Catastrophic modular dismemberment is defined as any structural failure which results in separation of major body elements such as walls, roof, floor, or doors. Catastrophic modular dismemberment during a collision indicates mechanical defects in the design and/or the direct construction of the modular body.

Any Bidder with such an incident in their company's past shall prove to the Agency that corrective action has taken place to correct the problem. All of the internal corrective actions shall be tested again to A.M.D. Standard 001 except the test weight shall be a minimum of 55,000 pounds. All A.M.D. Standard 001 testing prior to the incident is deemed invalid regardless of the expiration date of the original test.

Does your response comply? Yes X No

Note: Respondents, who are found to be untruthful in this, or in any other section of this response, will have their response automatically rejected.

PRODUCT LIABILITY INSURANCE

Proof of current liability insurance shall be supplied. The proof of insurance shall bear the insurance carrier's name, address and phone number. The proof shall also bear the name and address of the insured. This document shall contain the coverage schedule, explaining the type of insurance, the policy number, the effective date of coverage, the policy expiration date and the individual limits. The minimum amount of coverage shall be as follows.

Commercial General Liability - Aggregate policy limit of four million dollars.

Automotive Liability - Any Hired and Non-owned Autos
Combined Single Limits of One million dollars.

Garage Liability - Any Auto
Auto only - Each accident: limit of one million dollars.

Workers Compensation and Employer's Liability -

Each Accident: limit of five hundred thousand dollars.
Disease policy: limit of five hundred thousand dollars.
Disease - Each Employee: limit of five hundred thousand dollars.

**Automotive Damage, Physical Liability Damage
Comprehensive Deductible**

Since these specifications describe an emergency vehicle that may be used under adverse conditions, the County seeks to reduce its future liability exposure. Therefore, all respondents responding to these specifications shall submit a proper and verifiable Certificate of Insurance. This shall certify that the Manufacturer of the vehicle has in force, Product Liability Insurance in the minimum amount of four million dollars (\$4,000,000.00). This insurance shall have been issued by a Company rated "A+" as reported in the current edition of Best's Key Rating Guide, published by Alfred M. Best Company, Inc.

The amount of Product Liability must be adhered to by both manufacturer and dealer, who will be providing the product. Utilizing the ambulance manufacturer's insurance will be acceptable if the respondent is an authorized dealer, they also must have coverage.

Respondents failing to submit proof of the above requirement cannot be accepted and their Response will be rejected.

Does the respondent comply with this requirement? Yes X No

All Respondents must have any and all current licenses required by state law to do business in the state North Carolina.

Does the respondent comply with this requirement? Yes X No

The County has concerns with respondents not having the completed unit built by the manufacturer. With that said, the County will not accept units that are not built and completed at the manufacturer's facility. This will eliminate split responsibility into service, warranty repairs. Add-on equipment shall be furnished by the manufacturer and not their Representatives, to avoid warranty issues. If the respondent makes any claim to adding equipment at the dealership, then your response will be considered non-responsive and rejected.
NO EXCEPTIONS.

Does the respondent comply with this requirement? Yes X No
It is the intent of the County to have the vehicle completed and ready for service once it leaves the ambulance manufacturer's facility. **NO EXCEPTIONS except as allowed in "Specifications"**

Does the respondent comply with this requirement? Yes X No

All equipment furnished shall be guaranteed to be new and of current manufacture; meet all requirements of this specification; and be in proper operating condition at the time of delivery. All parts shall be of high-quality workmanship and construction.

No part or attachment shall be substituted or applied contrary to the manufacturer's recommendations and standard practices.

Does the respondent comply with this requirement? Yes X No

SERVICE AVAILABILITY

Service will be a major factor in the award of this response. Convenience and experience will be determining factors in defining acceptable service. A service facility within a radius as described below will be required. Personnel performing the service shall be trained by the manufacturer with emphasis in the area of electrical service and upfit specific modular systems. In order to evaluate the proposed service facility, the following information shall be provided on the appropriate lines.

Radius from Purchaser: Not more than 60 miles.

Facility Name (If not the manufacturer): Southeastern Specialty Vehicles

Address: 911 Martin Creek Road

City: Henderson State: NC Zip Code: 27537

Contact: Chris VanHonk, Mobile Service Technician

Phone: Toll Free Preferably: 919-215-6696

RESPONDENT DOCUMENTATION REQUIREMENTS

Respondents shall include with the Response: literature, photographs or similar documents which describe or depict the manufacturer's type and model proposed; a complete set of the manufacturer's specifications for the type and model proposed; and one (1) set of drawings. These drawings shall consist of: four (4) exterior views; front, rear, curbside and street side and four (4) interior views; front, rear, curbside and street side, showing the location of all requested features attached thereto.

NOTE: the drawings submitted by the Respondent must show the design, layout, and features specified in this document. Submitting a manufacturer's "generic" or "standard feature" drawings, or photocopies of the reference drawings provided with this document, shall NOT be acceptable. Respondent's not including the required drawings will be considered non-responsive and will, therefore, be rejected.

Are the required drawings included? Yes No X

The respondent shall utilize these specifications and return their response in the same format. Submission of the specifications in alternate format will be grounds for rejection.

Are your specifications in the same format? Yes X No

NON-COLLUSIVE BID CERTIFICATION

By submission of this bid response, the Bidder and/or the Bidder's authorized representatives certify under penalty of perjury, that to the best of their knowledge and belief the following:

The prices in the bid response have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor, and

Unless otherwise required by law, the prices which have been quoted in the bid response have not knowingly been disclosed by the Bidder and will not knowingly be disclosed by the bidder, prior to the public bid opening, either directly or indirectly to any competitor, and;

No attempt has been made or will be made by the Bidder, for the purpose of restricting competition, to induce any person, partnership or corporation not to submit a bid response.

Does the respondent comply with this requirement? Yes X No

NON-DISCRIMINATION AND EQUAL OPPORTUNITY

The Bidder/Contractor agrees to comply with all federal statutes relating to non-discrimination. These include but are not limited to:

(a) Title VI of the civil rights act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin

(b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex

(c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990

(d) The Age Discrimination Act of 1974, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age;

(e) The Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse

(f) The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism

(g) 523 and 527 of the Public Health Service Act of 1912 (U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records

(h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing;

(i) Any other nondiscrimination provisions in any specific statute(s) applicable to any Federal funding for this Agreement;

(j) The requirements of any other nondiscrimination statute(s) which may apply to this agreement.

Does the respondent comply with this requirement? Yes X No _____

DRUG FREE WORK PLACE:

The Bidder shall conduct business as a Drug Free Workplace. The Bidder/Manufacturer and ALL of its sub-contractors shall provide notice to their employees and sub-contractors as required under the Drug-Free Workplace Act of 1988. A copy of Bidder's Drug-Free Workplace Policy shall be furnished to this agency upon request.

Does the respondent comply with this requirement? Yes X No _____

DEBARMENT STATUS

By submission of this bid response, the Bidder and/or its authorized representatives, certify under penalty of perjury, that to the best of their knowledge and belief they are not currently debarred from submitting bids or bid on contracts by any agency within the home state of Rowan County Emergency Services, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the home state of Rowan County Emergency Services.

WARNING

The County will not tolerate Vendors who state compliance to specifications but deliver an incomplete product and/or sub-standard materials and workmanship. Vendors who have made delivery of such an ambulance without making every reasonable effort to remedy the defects found at the time of delivery or within the warranty period will be notified that they are DEBARRED from submitting bids to the County in the future. The County will not waste valuable time (more than once) trying to recover legal costs and deal with lost in-service time of new apparatus, working with vendors who are unresponsive to the needs of the County.

Does the respondent comply with this requirement? Yes X No _____

IT IS AGREED BY THE UNDERSIGNED RESPONDENT THAT THE SIGNING AND DELIVERY OF THIS RESPONSE REPRESENTS THE RESPONDENT'S ACCEPTANCE OF THE TERMS AND CONDITIONS OF THE FOREGOING SPECIFICATIONS AND PROVISIONS, AND IF AWARDED THE CONTRACT BY THIS AGENCY, WILL REPRESENT THE AGREEMENT BETWEEN THE PARTIES.

Sign in ink in the space provided below. UNSIGNED bids will be considered incomplete and will be subject to rejection.

Name of Firm: Southeastern Specialty Vehicles

Signed (In Ink): *Darren Hadley*
(Signature of Officer of Company)

Title: Regional Sales Manager Date Signed: 3/9/2022

Street Address: 911 Martin Creek Road

Mailing Address: _____

City: Henderson State: NC Zip Code: 27537

Phone Numbers: Phone: 336-402-0297 Fax: 252-430-1503

Email Address: darren.hadley@savsales.com

Ambulance Manufacturer: Life Line Ambulances

Model Year: 2022 or new Model Designation: 167" Life Line Superliner

Delivery will be made within 120 days of receipt of the purchase order by the Dealer and/or Manufacturer

	Type III Ford E-450	Type I Ford F-450
Unit Bid Price:	EMS Unit (each) \$ <u>\$284,473.64</u>	<u>\$293,510.69</u>
	Total (3 units) \$ <u>\$853,420.92</u>	<u>\$880,532.07</u>

Optional Upgrades: Item 1: \$ \$2,625.00/per truck Brigade 360 w/7" screen
Item 2: \$ \$2,620.00/per truck All-Arc Sentinel Front Bumper

Detailed Vehicle Specifications

CAB & CHASSIS

The chassis required for this project is specified in detail below. Failure of the respondent to provide the chassis exactly as specified will be grounds for rejection of the respondent's response as being non-responsive. Exceptions will be made only if the respondent can prove that a required feature is unavailable from the chassis O.E.M.

2021 or Newer Type I or Type III Ambulance chassis with Ambulance Prep Package
14,500 Lbs. GVWR or greater
Engine: Largest gas engine available
Extra engine cooling package
Automatic Transmission with overdrive
Auxiliary Transmission Cooler
Heavy duty factory air conditioning
Electronic auto throttle
Alternator: Dual minimal 145amp each
Power windows
Exterior mirrors, Power adjustable mirrors
Electronic door locks for cab and module body doors, side entry door curb side and rear module entry doors with a keyless remote for opening doors on cab and module.
Tilt wheel
Cruise control
AM/FM radio with clock
Cab lighting- Two (2) independently controlled overhead cab dome lights.
Vinyl floor covering in cab
Premium floor mats, WeatherTech ® or equivalent
Bucket seats with arm rest that recline
Seat belts, both lap and shoulder for both driver and passenger
Air bags: driver and passenger
Interior grab handle (passenger side)
Chrome front bumper
Batteries: (2) Two Heavy Duty Batteries 650 CCA System
Gauge Package – Voltmeter, 300 AMP Shunt type, Temperature, oil, pressure, fuel, and hour meter
Two (2) dash mounted auxiliary power points
Auxiliary idle control (activated when park brake applied)
Spare tire, wheel and tire changing tools (unmounted)
Intermittent windshield wipers
Full undercoating
Shop manuals one owner's manual for each vehicle and one parts manual
Standard Warranty Acceptable
Cab-chassis Color: Exterior white, Interior standard
Respondents must provide VIN number of the model chassis that they currently have in stock.

TYPE I CHASSIS (If quoting)

Type 1 chassis requires liquid springs front and rear suspension

Above section proposed exactly as written: Yes X No

CHASSIS WARRANTY

The chassis manufacturer's standard vehicle warranty policies shall apply.

OUTSIDE REARVIEW MIRRORS

The vehicle mirrors should be firmly secured, vibration less rear-view mirrors totaling at least 125 square inches. All mirrors' head faces shall be independently adjustable. OEM Mirrors shall be replaced with VELVAC 2020XG #716346 electric and heated mirrors.

Above section proposed exactly as written: Yes X No

RUNNING BOARDS

Bright finished aluminum diamond plate running boards with stamped/perforated surface or grip strut fabricated on step, shall be installed just from the rear of the front wheel opening to the rear of the cab and to the front of the modular body. The running boards shall be securely attached to the cab and/or body, as required, and include nonmetallic spacers to prevent contact of dissimilar metals and prevent trapping of dirt and water between the running board and the cab body. All running boards shall be gusseted and provide brackets to prevent flexing, sagging, and damage. Design of the running board shall incorporate a splash shield to protect the front of the modular body from wheel wash. The running boards shall be reinforced and braced to handle a minimum of 350 pounds without flexing. Running board installation shall conform to chassis manufacturer's recommendation.

Above section proposed exactly as written: Yes X No

SPLASH GUARDS / MUD FLAPS

There shall be provided a set of splash guards installed in the front wheel wells of the cab. The splash guards shall be constructed of aluminum and shall be securely fastened to the inside of the wheel well.

Additionally, there shall be provided a set of heavy-duty rear mud flaps. The flaps shall be made of thick rubber material and shall be as wide as the dual rear wheels. The mud flaps shall be securely fastened to the module body using stainless steel fasteners.

Above section proposed exactly as written: Yes X No

EXHAUST SYSTEM

The exhaust system shall conform to the chassis manufacturer's requirements.

Above section proposed exactly as written: Yes X No

WHEELS

The vehicle will be equipped with aluminum wheels.

Above section proposed exactly as written: Yes X No

BODY CONSTRUCTION OVERVIEW

The dimensions of the patient module shall be in accordance with manufacturer's specifications with minimum dimensions of 166" in length, 96" in width, and 72" headroom.

There shall be a bulkhead separating the cab and patient compartment that allows for a pass-through area.

The ambulance body construction will be of the highest quality and shall meet all C.A.A.S. or KKK-A-1822 construction standards.

All exterior compartments shall be separate and individual components and no two compartments shall share a common wall.

Above section proposed exactly as written: Yes X No _____

BODY TO CHASSIS MOUNTING

Body to chassis mounting will be of the highest quality and shall meet all C.A.A.S. or KKK-A-1822 construction standards.

Above section proposed exactly as written: Yes X No _____

VEHICLE LOWER RUB RAIL

Rub rails shall extend the full length of the modular body on each side with tapered ends.

The rub rails, at minimum, shall be 0.125" thick aluminum diamond-plate formed into a "C" section with a 1" x 1" x 0.125" thick tubular aluminum beam welded inside the diamond-plate "C" section for greater strength.

The modular body shall have a 2" x 1.375" x 0.125" thick aluminum beam welded along the sides of the module to act as a side impact crash beam and support the rub rail. The side impact crash beam shall be welded to all possible vertical beams along the sides.

The rub rails shall be secured to the module side beams with 0.25" diameter stainless steel bolts, nuts and lock washers, and be spaced 0.25" from the modular body with nylon spacers to allow water, cleaning solutions, road salt, etc. to drain from the body and permit easy rub rail replacement in case of an accident.

Above section proposed exactly as written: Yes _____ No X

ROOF RADIUS/CHAMFER

The roof radius/chamfer shall be an extruded aluminum shape with an alloy and temper of 6063-T6 with an ultimate strength of 42,000 PSI.

The shape shall be a minimum of four-inch radius/chamfer with a built-in inner structural connector to form a one-piece side and roof structure.

If a drip rail is provided it may be incorporated into the extrusion used to form the roof radius.

Above section proposed exactly as written: Yes X No _____

ROOF CONSTRUCTION check for minimum and specifics

Roof construction will be of the highest quality and shall meet all C.A.A.S. and KKK-A-1822 construction standards.

Above section proposed exactly as written: Yes X No _____

CORNER RADIUS/CHAMFER

The corner radius/chamfer shall be of the same heavy-duty construction and shall meet all C.A.A.S. or KKK-A-1822 construction standards.

Above section proposed exactly as written: Yes X No _____

SIDE STRUCTURE

The sides will be of the highest quality and shall meet all C.A.A.S. or KKK-A-1822 construction standards.

Above section proposed exactly as written: Yes X No

FLOOR STRUCTURE

The floor structure will be of the highest quality and shall meet all C.A.A.S. or KKK-A-1822 construction standards.

The entire underside of the modular body shall be sealed.

Above section proposed exactly as written: Yes X No

COMPARTMENT CONSTRUCTION

All exterior compartment walls, back and floor shall be constructed of smooth aluminum plate. All corners and seams shall be formed and completely welded to provide overlapping joints in order to prevent outside elements from entering the compartment.

Each compartment shall be finished with a "scorplon liner" type material. **NO EXCEPTIONS**

Additionally, each compartment shall be vented.

Above section proposed exactly as written: Yes X No

DOOR CONSTRUCTION

All doors will be of the highest quality and shall meet all C.A.A.S. or KKK-A-1822 construction standards.

If available, interior door handles will be relocated to provide a more ergonomic placement.

The lower aluminum panel shall be covered with Orange/White Reflective striping.

Above section proposed exactly as written: Yes X No

If no, explain _____

STAINLESS STEEL DOOR HINGES

There shall be provided a stainless-steel continuous hinge on each of the exterior doors. The hinges shall extend the full length of the door and shall contain a minimum 0.25" stainless steel pin.

All hinges shall be bolted to the door and door frame using 0.25" stainless steel bolts for easy removal if damaged. The hinge shall be separated from the door and frame by a Mylar strip which shall act as a corrosion barrier.

Above section proposed exactly as written: Yes X No

DOOR HOLD BACKS

There shall be provided a door spring opener and closer on each exterior compartment and side entry door. The door spring shall be bolted to the door using a fabricated spring hold bracket.

The door spring hold back shall operate on a '50/50 principal': if the door is partially opened, it shall close or if the door is over halfway open, the door will open fully.

In lieu of spring style door hold back, a gas strut may be used. If used the gas strut must be constructed in such a manner that it allows opening beyond 90 degrees to reduce the possibility of breakage.

Above section proposed exactly as written: Yes X No _____

MODULE AND ENTRY DOOR INSULATION

At minimum, here shall be provided a combination of fiberglass batt insulation, polystyrene plank foam insulation and flexible foil faced bubble wrap insulation.

The insulation must meet ASTM E84 20/30 guidelines for flame and smoke.

If available, higher quality insulation will be installed.

Above section proposed exactly as written: Yes X No _____

FLOOR INSULATION

The ambulance flooring system shall be insulated with a minimum of 1.5" thick expanded Polystyrene plank foam insulation. The foam panels shall be cut to closely fit the spaces between the structural framing and shall be attached to the underside of the floor skin with a spray adhesive suitable for use on EPS insulation.

After the insulation is in place, an aluminum weather shield (.060" aluminum) cover is to be bonded to the entire bottom side of the floor framing to protect the insulation from road splash.

The doors shall incorporate minimum 1.5" thick high density rigid polystyrene foam insulation

Above section proposed exactly as written: Yes X No _____

CAB TO PATIENT COMPARTMENT

An open pass through will be placed from the patient care compartment into the center of the front passenger area.

Above section proposed exactly as written: Yes X No _____

FUEL FILL BEZEL

The fuel tank fill will be protected by a cast aluminum fuel fill guard with polished flanges. There shall be a splash guard below the fuel fill bezel with design determined at the pre-construction conference. The County prefers a capless fuel filler neck or filler cap that allows fueling without removal similar to the Stant ® Instafill

Above section proposed exactly as written: Yes X No _____

RUBBER FENDER FLARES

A rubber fender flare shall be installed around the rear wheel well openings. They will be installed so as not to interfere with tire rotation, movement, or replacement. A layer of butyl self-sealing tape will be applied between the fender flares and the body panels for corrosion protection. The design and installation of fender flares shall match the current fleet exactly.

Above section proposed exactly as written: Yes X No _____

REAR BUMPER

The rear bumper sub-structure will be of the highest quality and shall meet all C.A.A.S. or KKK-A-1822 construction standards. The components must be fully welded and coated with automotive water-based undercoating to prevent rust, and then bolted to the OEM frame rails.

Aluminum diamond plate bumper pods, approximately 23" wide x 11" deep x 4" high shall be constructed to fit over the outboard ends of the sub-structure and must be riveted in place using stainless steel fasteners.

The middle portion of the bumper assembly (approximately 48" wide) shall incorporate a fold up section of aluminum grip strut material. The hinge must be stainless steel and installed so that the step folds toward the body to facilitate stretcher loading.

Above section proposed exactly as written: Yes X No

REAR RISER PANEL

Extending from the rear step to the bottom of the rear doors, for the full width of the rear wall, shall be a section of aluminum diamond plate. It will be fastened to the body using rivets. Designs that use screws or welding to secure this panel are not desired by this agency.

Above section proposed exactly as written: Yes No X

RECESSED TOW EYES

The rear of the module shall contain two (2) recessed tow eyes that are encased in a cast product housing.

Above section proposed exactly as written: Yes X No

STONE GUARDS

Two (2) aluminum diamond plate stone chip guards will be riveted to the lower corners of the front wall of the ambulance, just outboard of the chassis, to protect the paint finish from damage. The backside of these stone guards shall be sealed to the painted finish by the use of gray Butyl sealant tape. Manufacturer/respondents that offer screws in lieu of rivets will not be accepted and will be considered non-responsive.

Above section proposed exactly as written: Yes No X

MODULE UNDERCOATING

A non-flammable / non-combustible water based automotive undercoating shall be applied to the underside of the body.

Manufacturers must not undercoat the underside of the body until after final inspections, this will allow for inspection of the under body without the undercoating applied. Manufacturers that undercoat prior to this inspection will be grounds for non-acceptance of the vehicle.

Above section proposed exactly as written: Yes No X

EXTERIOR COMPARTMENTS

DRIVER'S SIDE COMPARTMENT A

This compartment shall be located on the forward driver's side of the ambulance body. The compartment shall match the size of the current fleet.

The compartment shall be designed to house an oxygen cylinder and shall contain an approved oxygen cylinder retention system. There shall be provided, access to this compartment from within the patient compartment.

The compartment shall have a single, vertically hinged door with a "scorpion" style interior surface and a red colored LED strip compartment light that activates upon opening of the compartment door.

Above section proposed exactly as written: Yes X No

DRIVER'S SIDE COMPARTMENT B

This compartment shall be located aft of compartment "A." The compartment shall match the size of the current fleet.

There shall be two (2) vertical dividers with one (1) adjustable shelf mounted on uni-strut tracks provided on the outermost side of each divider leaving an open vertical storage space between said dividers. All shelves and dividers shall be scorpion lined.

This compartment shall have two (2) vertically hinged doors with a "scorpion" style interior surface and a red colored LED strip compartment light that activates upon opening of the compartment door.

Above section proposed exactly as written: Yes X No

DRIVER'S SIDE COMPARTMENT C

This compartment shall be located aft of the rear wheel well of the apparatus and shall be a nominal size of 36" H x 28" W x 33" D. There shall be a single hinged exterior door. In this compartment, there shall be (2) adjustable 0.125" thick aluminum horizontal shelves. This compartment shall have inside/outside access.

The compartment shall have single vertically hinged door with "scorpion" style interior surface and red colored LED strip compartment light that activates upon opening of the compartment door.

In addition, there shall be one a Stair Chair "Pocket" affixed into the door of the compartment designed to accommodate the 6252 Stryker Stair Pro.

Above section proposed exactly as written: Yes X No

PASSENGERS SIDE COMPARTMENT D

This compartment shall be located on the passenger side of the vehicle, behind the door forward entry. The area above the module floor level will have inside/outside access. The inside access will be covered with a Robinson ® Roll Up Door (or equivalent). This compartment will have approximate dimensions of 25.5" wide, 51.5" high and 22" deep. This compartment will have 2 adjustable shelves. The upper left portion of the compartment shall have drawers that are accessible on the side, accessible from the sliding style seated area. There shall be a color keyed Corian ® (or equivalent) countertop installed at the top of the compartment. The compartment shall have a red colored LED strip compartment light that activates upon opening the external compartment door. The lower portion of this compartment shall be used for battery storage, area below the floor module. Batteries will be placed on a slide out tray. The tray shall accommodate 2 full size batteries.

Above section proposed exactly as written: Yes X No

PASSENGER SIDE COMPARTMENT E

This compartment shall be the rearmost compartment. The compartment shall match the size of the current fleet.

The compartment shall have a single vertically vented hinged door with "scorpion" style interior surface. The compartment shall contain a red colored LED strip compartment light that activates upon opening of the compartment door. There shall be two (2) aluminum vertical dividers. There shall be one (1) horizontal divider on the right side of the compartment, located in the half way height of the compartment. All dividers shall be scorpion lined.

In addition, there shall be two (2) seat belt restraints spanning all three (3) sections

Above section proposed exactly as written: Yes X No

DOOR LATCHING HARDWARE

All module doors, compartment and entry, shall utilize two (2) rotary style latches per door leaf, closing onto two (2) "Nader" (or equivalent) striker pins with capped heads and adjustable cage nuts.

Construction using other latching methods, striker pins without capped ends, or single striker pins is NOT acceptable. All entry and exit doors shall be built with a "quick release" system.

All exterior module doors shall be keyed alike.

Above section proposed exactly as written: Yes X No

COMPARTMENT DOOR HANDLES

All exterior compartment doors shall have chrome plated Eberhard ® Model # 21000 "E Grabber Series" (or equivalent), locking handle with neoprene gasket. There shall be 2-pt locking pull handle assembly made of die cast material.

The handle shall be large and easy enough to use. The assembly shall include a double-bitted key cylinder in locking versions, factory installed gasket and free-wheeling feature, water resistant, and blind mounting brackets for security and appearance.

The handle will be connected to the latching mechanism by threaded rods. Latching systems using cables or pinned rods will NOT be acceptable. All exterior patient compartment doors shall be keyed alike.

Above section proposed exactly as written: Yes No X

SIDE ENTRY DOOR

A side entry door to the patient compartment shall be provided, and shall match the size of the current fleet. The side entry door will be located at the forward most position of the body (door forward design). It shall have a full-length stainless-steel hinge, with pin not less than 1/4" in diameter, on the forward edge of the door and a stainless-steel spring-controlled door check which will hold the door at not less than 90 degrees when open.

All entry and exit doors shall be built with a "quick release" system.

Above section proposed exactly as written: Yes X No

CURBSIDE ENTRY DOOR HANDLES

The curbside module entry door shall have a chrome plated Eberhard® (or equivalent) locking handle with neoprene gasket on the exterior of each door. On the interior of this door, a Tri-Mark automotive lever style handle with slide lock lever and bezel will be installed.

These handles will be connected to the rotary latching mechanism by steel rods with an anti-corrosion coating factory applied. Latching systems using cables or pinned rods for latch activation will NOT be acceptable.

Above section proposed exactly as written: Yes ____ No X

REAR ENTRY DOORS

Double leaf rear entry doors to the patient compartment shall be provided, and shall match the size and location of the current fleet. They shall have a full-length stainless-steel hinge with pins not less than 1/4" in diameter.

Above section proposed exactly as written: Yes X No ____

One (1) pair of Cast Products® "Grabber" (or equivalent) door hold open devices shall be installed on the exterior of the doors to hold the doors open when necessary. The devices shall be located on the approximate horizontal centerline of each door. The rubber insert into the "female" side of the hold open device shall be replaceable.

Above section proposed exactly as written: Yes X No ____

Glove storage for 1 box of gloves per door will be installed on the inside portion of the doors and will be recessed.

Above section proposed exactly as written: Yes X No ____

REAR ENTRY DOOR HANDLES

Each rear module entry door shall have a chrome plated TriMark® (or equivalent) locking handle with neoprene gasket on the exterior of each door. The interior handles will be relocated to the upper-most portion of the door for better ergonomics, if available.

These handles will be connected to the rotary latching mechanism by steel rods with an anti-corrosion coating factory applied. Latching systems using cables or pinned rods for latch activation will NOT be acceptable.

All entry and exit doors shall be built with a "quick release" system. This system will be a push button if available.

Above section proposed exactly as written: Yes ____ No X

ENTRY DOOR GRAB BARS

A 1.25" diameter stainless steel grab bar with 120 degree "V"-style bend shall be provided and installed on the inside of each entry door.

The positioning of the grab bars will be such that upon closing there is no "pinch point" created by the proximity of the grab bars and surrounding surfaces.

Above section proposed exactly as written: Yes X No ____

ENTRY DOOR FINISHES and COMPONENTS **ENTRY DOOR UPPER LINERS**

Above the kick plate, the entry doors shall be finished using stainless steel or 0.063" smooth aluminum plate.

The upper liner shall be secured to the inside of the entry doors using stainless steel screws.

Above section proposed exactly as written: Yes X No

CENTER DOOR LINER

A sheet of stainless steel or 0.063" smooth aluminum plate shall be utilized and attached to each entry door. The cover shall be secured to the inside of the center of each entry door with stainless steel screws and a "J" channel slot so that it allows easy removal to access the door latching mechanism.

Above section proposed exactly as written: Yes No X

ENTRY DOOR KICK PLATES

A sheet of stainless steel or 0.063" smooth aluminum plate will be installed on the lower inside portion of each door to serve as a kick panel. The kick plates will be attached to the door pan and liner using stainless steel screws. The kick plate shall be covered in Reflective ORANGE/WHITE chevrons.

Above section proposed exactly as written: Yes X No

SIDE ENTRY DOOR WINDOW

A 19" x 18" aluminum framed window is to be centered in the entry door, with the top of the window about 6" down from the top of the door.

The dark tinted window shall be capable of opening via a sliding section of the glass. The sliding section must be positively latched when in the closed position to prevent it from being opened from the outside. It must also include a sliding screen section to cover the opening.

Above section proposed exactly as written: Yes X No

REAR ENTRY DOOR WINDOW

Two (2) 9" wide x 18" high aluminum framed windows will be provided. One (1) window will be centered in each entry door, with the top of the window about 6" down from the top of the door. The dark tinted window shall be single piece fixed glass.

Above section proposed exactly as written: Yes X No

COMPARTMENT LINER

There shall be Black Turtle Tile ® (or equivalent) installed in every exterior compartment floor and exterior adjustable shelves.

Above section proposed exactly as written: Yes X No

INTERIOR CABINETRY

CONSTRUCTION REQUIREMENTS

In general, the interior of this ambulance shall incorporate features to mitigate injuries to passengers or employees caused by sudden hard braking or accident impact. Exposed edges shall be protected by radius or chamfer trim and, where possible, corners shall be rounded with radius trim. All devices and equipment will be mounted as flush as possible with its surrounding surface. Padding shall be installed in areas where features may obstruct head movement as attendants work within the patient compartment.

The layout of interior cabinetry for this ambulance shall be similar to the current fleet and newer designs may be considered. As stated earlier in this document, the respondent must supply drawings which will be considered when determining whether a particular design meets those needs.

The cabinets in this vehicle shall be constructed of wood or aluminum. Plastic or fiberglass will not be acceptable for use in the cabinetry structure.

Additionally, cabinetry shall be firmly bolted to mounting plates welded to the body side structure.

All cabinet trim, 'head-knocker' pads and various other trim pieces shall be covered in color coordinated vinyl upholstery and shall be cut with a corner radius.

Above section proposed exactly as written: Yes X No

CABINET DOORS

All cabinets along the street and curb side of the vehicle shall have a mitered framed, sliding transparent Plexiglas door assembly. Each door shall be fitted with a full length, extruded aluminum door handle. The door pull extrusion shall also add bend resistance to the door. The door track/frame extrusion shall incorporate a rubber track to prevent the door from sliding free during transit. Additionally, the corners of the assembly shall have supporting corner angle. All extrusions shall be anodized.

Alternatively, doors may have a mitered and framed opening with surface mount solid plexiglass door. The door shall have a Southco® type latch to secure it in the closed position.

Plexiglas color shall be clear.

All module interior cabinets shall have holes drilled into the door(s) or a mechanism provided to facilitate securing door(s) with break-away security seals.

Above section proposed exactly as written: Yes X No

CABINET RESTOCKING FEATURES

The street side upper cabinets shall have restocking features installed to allow the cabinets to be opened in the upright position for ease of loading supplies.

The street side cabinet beneath the secondary action area may open downward for restocking.

Above section proposed exactly as written: Yes X No

INTERIOR SHELVING

All shelving in the interior module shall white with an aluminum edge. The shelving shall have adjustable struts that are bolted in and not screwed.

Above section proposed exactly as written: Yes X No

GRAB BAR ABOVE COT

One (1) 1.25" diameter x 72" long stainless-steel grab bar shall be provided and installed on the ceiling above the primary cot.

One (1) additional 1.25" diameter x 72" long stainless-steel grab bar shall be provided and installed in the ceiling on the sliding attendant seat side of the ceiling.

Above section proposed exactly as written: Yes X No

UPHOLSTERY

All vinyl upholstery shall be vacuum formed seating, applied over high density foam. For seat cushions, the foam must be 2.5" thick. For back and head rests, it shall be 2" thick.



ROWAN COUNTY EMERGENCY SERVICES – EMS DIVISION

ITB # 2022-009

EXCEPTIONS

Page 4: Delivery of Vehicles

Delivery of vehicles will be within two hundred ten (210) days from receipt of chassis at manufacturer.

Page 12: Drawings/Renderings

At the time of publishing of ITB # 2022-009, sixty (60) days is required for bid drawings from the manufacturer. Similar, marked up drawings have been presented. Upon award, drawings per the attached specifications will be presented for review and mark up.

Page 17: Lower Vehicle Rub Rail

Life Line's Impact Rails consist of a three-component system. The three components are the Impact rail, the impact rail base, and the Impact rail end caps. The Impact rail is a 6063-T5 custom extruded, anodized aluminum "C" channel, 3" by 1.5" x 0.125". The edges of this "C" channel have a half arrow style notch. The Impact rail base is a 6063-T5 extruded aluminum "C" channel, 2 3/4" x 1/2" x 0.125". The edges of this "C" channel have the mirror image, half arrow style notch, designed to mate with the impact rail. The Impact rail end caps are cast aluminum design with a three-tab collar to insert into the impact rail, so it is flush with the rail and provide mounting tabs to secure the cap to the rail. The cap design curves through an approximate 2.5" radius to provide a pleasing look where the impact rails end.

The Impact rail base is mounted through the 0.125" body skin and into the 3" x 2" x .125" rectangular aluminum tube which is the lower structural member of the body framing. ECK anti-corrosion coating is brushed on the entire surface of the back of the impact rail base where it is in contact with the modular body as well as the machine screws used to mount it. The impact rail is snapped in place on top of the impact rail base by engaging the half arrow notch on the impact rail base with the notch on the impact rail. This system of notches allows for the rail to be securely attached to the base but provide some "give" to reduce damage from minor impacts. To finish off the system, the end caps are installed by using stainless steel machine screws coated with the ECK anticorrosion coating. The only exposed mounting hardware allowed are the four stainless steel machine screws needed to secure the end caps to the impact rail.

Impact Rails are designed to absorb impact, minimize body damage, and to be easily replaceable.

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For this reason, the lower body tube described above continuously backs all impact rails. The rails are installed along the entire length on both sides of the lower modular body.

Page 20: Rear Riser Panel

The rear kick panel is attached using stainless steel, flathead, countersunk machine screws. The screws are tapped and dipped into "ECK" anti-corrosion coating prior to installation. The body plate, where the diamond plate kick plate is in contact with it, is coated with ECK anti-corrosion coating prior to installation. The top edge of the rear kick panel is sealed using auto body sealant.

Page 20: Stone Guards

0.100", bright finished, aluminum diamond tread stone shields, 24" high, wrapped around each front lower corner of the body and extending to just inside the cab width. The entire back of the shields is brushed with ECK anti-corrosion coating prior to installation. After installation, the edges are sealed.

Page 20: Modular Undercoating

Life Line Emergency Vehicles fully complies with the installation process and properties of the undercoating of the module stated in the IFB.

To not disrupt production processes and cause a backlog, installation of the undercoating will take place prior to final inspection.

Page 22/23: Compartment Door Handles/Curbside Entry Door Handles/Rear Entry Door Handles

The side and rear entry doors are equipped with Tri-Mark free float handles with chrome exterior and black pocket. A nonskid easy-grip surface is applied to the backside of the handle to permit a gloved or wet hand from easily gripping the handle. The right rear and the side entrance doors are lockable from inside or outside.

A rubber gasket is installed between the paddle handle and the door. All screws are coated with an anti-corrosive paste prior to application. All entrance doors and exterior compartment doors are keyed alike.

On the side and rear entry doors there is a manual rotary latch release system that will allow the rotary to be manually activated in the rare event of a broken activation cable. The activation handle for this system shall have an amber plastic cover to be readily visible in an emergency. There are six (6) of these release handles located on the inside of the doors, (1) adjacent to the upper and lower rotary latches in each of the three (3) entry doors.

Specifications followed are:

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Cycle tested a minimum of 500 cycles

Frozen linkage load test: freeze latch trip lever

Impact test

Torque test on mounting fasteners.

Extreme temp function test

Corrosion Test: 500 hours

Must meet FMVSS 206

Must Meet FMVSS 302

All exterior module doors have a pre-stressed shielded cable as the means to activate door latches and door rotaries. The shielded cable has machine crimped ends. The ends are crimped at a 100-psi setting and be subject to a minimum 175 peak load, lbf. "Loctite" shall be applied on both ends.

Page 24: Center Door Liner

"J" Channel is not utilized in construction of door panels.

Page 26: Floor Covering

Subfloor material is 1/2" PVC that is lighter material and more durable than marine grade plywood. PVC will not rot or deteriorate with possible contact with water and other fluids.

Page 34: Checkout Timer Switch

A momentary Carling Switch connected to the multiplex system will control the curbside LED dome lights providing 15 minutes of illumination.

Page 36: Heating/Air Conditioning System

A Hoseline brand, 3000 Series, 12v/125v combination HVAC system with a brushless blower motor, will be used. The unit has as a minimum 30,000 BTU cooling, and 36,000 BTU heating in the 12v mode and 12,000 BTU cooling, 9,180 BTU heating in the 125v mode.

A digital thermostat to select interior temperature will be installed. The heat or air conditioner mode shall be selected automatically by the temperature setting of the thermostat.

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An electrically controlled valve shall automatically turn on the flow of hot water to the rear heater whenever the thermostat is adjusted to call for heat, and off whenever the thermostat is adjusted to call for air conditioning. All clamps shall be of a type approved by the HVAC manufacturer. All hoses are to meet the Ford QVM regulations.

The HVAC exhaust shall be ducted down the center ceiling strip. There shall be a minimum of six round adjustable ducts, arranged in pairs, evenly spaced along the ceiling center strip. The internal ducting shall be engineered to allow for an evenly distributed flow of air to all the vents.

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Because of the County's concern for reducing the exposure of stitched seams to fluid borne pathogens, all seat cushions, back, arm, head rests and header pads shall be vacuum formed seamless design. Designs using piping, welts, stitched seams, or heat-sealed joints to join upholstery panels are not acceptable. Each cushion shall be backed by 0.25" laminated wood (or equivalent). All upholstery must be easily removable to facilitate cleaning in case of contamination.

Exact color shall be determined at the pre-construction conference.

Above section proposed exactly as written: Yes X No _____

SEAT CUSHION ATTACHMENT

To further aid in easy removal for cleaning and disinfecting, all seat cushions shall be attached to seat bases using Velcro or 3M Dual-Lock fastening systems.

Above section proposed exactly as written: Yes X No _____

PADDED TRIM

To mitigate injury to passengers, trim pieces consisting of PVC covered with 1/4" high density foam and wrapped with heavy duty vinyl to match seating upholstery will be installed:

- A. At the vertical outside corner of the cabinet forward of the attendant seat
- B. At the upper horizontal and vertical corners above the action area
- C. At the upper horizontal and vertical corners above the defibrillator shelf

Above section proposed exactly as written: Yes X No _____

CEILING HEADLINER

The ceiling will be finished with 0.125" Luan (or equivalent) backed glossy white commercial grade plastic laminate panels. Any seams shall be trimmed to prevent sagging and provide a clean attractive appearance. The ceiling panel shall be mechanically attached to the roof structure but all fasteners shall be hidden.

Headliners with padded vinyl or un-backed fiberglass materials will not be acceptable due to their potential for contamination, tears, cracking and spalling, thus involving costly repairs.

Along the longitudinal center of the ceiling, a padded cover shall be installed to close-off the electrical wiring chase. It must be covered with vinyl to match the upholstery.

Above section proposed exactly as written: Yes X No _____

CEILING LAMINATE

The ceiling shall be gloss white.

Above section proposed exactly as written: Yes X No _____

FLOOR COVERING

There shall be provided a heavy-duty commercial grade vinyl floor covering the interior patient compartment. The floor covering shall be Lonseal® (or equivalent) II heavy-duty safety vinyl. The floor covering shall be constructed of multiple layers composed of polyvinyl chloride (PVC) resin, plasticizers, fillers and pigments. The wear layer shall be formulated to provide maximum resistance to foot traffic and most commercial and healthcare chemical. The middle layer shall provide dimensional stability, sound-absorbing properties and resiliency under foot. The floor shall be heavy duty insulated and sound proofing. The flooring shall extend the full length and width of the patient compartment consisting of a minimum of 0.75-inch plywood, seven ply exterior grade. The flooring shall be covered with a no wax

commercial heavy-duty vinyl covering diamond shape Lon plate or similar product (Gunpowder Gray #424TX). The framing system and framing welding techniques shall be in accordance with manufacturer's specifications. Aluminum sub floor shall be 0.125 inch between the frame and plywood floor shall be installed. The vinyl flooring is to be extended up the sidewall a minimum of three inches (3").

Flooring shall meet or exceed all ASTM and / or NFPA Standards as pertains to friction, flame spread, smoke density, abrasion resistance, flexibility and chemical resistance.

The sub flooring shall be made of 0.75" marine grade plywood.

Above section proposed exactly as written: Yes ____ No X

DRIVERS SIDE ACTION AREA

The action area shall be located on the forward driver's side of the module.

The action area shall also contain connections for a suction device, oxygen regulators and electrical connections. Clear LED lighting shall be located underneath the overhead cabinets. There shall also be an "Oxygen Viewing Port" installed in the forward action area.

The action area shall have a counter top that provides the maximum sized work area possible. The action area shall be constructed to match the design and layout of the current fleet.

This area shall have a Corian® or equivalent countertop. The action area shall have an edge that rises above the work area to provide spill containment and shall be constructed of the same material.

Respondents that offer ABS or Formica® covered countertop will be considered non-responsive and that response will be rejected. **NO EXCEPTIONS**

Above section proposed exactly as written: Yes X No ____

OXYGEN VIEWING PORT

There shall be a contoured Plexiglas viewing door on the forward section of the Action Area allowing access to the main oxygen storage cylinder.

If required the door may wrap around the corner of the wall and have a hinge. It shall be located to allow access and operation from the attendant's seat.

The viewing port shall be configured in a manner where the amount of oxygen available is easy to read/view by an employee from inside the vehicle.

Above section proposed exactly as written: Yes X No ____

ACTION AREA CABINET LAYOUT

There shall be two separate cabinets located above the forward action area. The cabinets shall match the design of the current fleet.

Above section proposed exactly as written: Yes X No ____

CPR SEAT

The seat shall be constructed to match the design and location of the current fleet. The seat shall be attached to a hinged base that provides storage beneath the seat.

Exact layout and design of the seat shall be determined during pre-construction conference.

Above section proposed exactly as written: Yes X No _____

SECONDARY ACTION AREA REAR OF CPR SEAT

This area shall have a Corian® or equivalent countertop. The action area shall have an edge that rises above the work area to provide spill containment and shall be constructed of the same material.

Storage below this action area will be 2 (2) slide out drawers.

Above section proposed exactly as written: Yes X No _____

CABINETS AFT OF CPR SEAT

Cabinets aft of the CPR seat located above and below the secondary action area. The cabinets shall match the design of the current fleet.

Above section proposed exactly as written: Yes X No _____

CABINET REAR STREETSIDE

The cabinets shall match the design of the current fleet.

Above section proposed exactly as written: Yes X No _____

SIDE ENTRY STEP WELL

There shall be provided inside the module side entry door, a step well utilizing three steps. The three step well shall be fabricated using heavy duty aluminum diamond plate.

Above section proposed exactly as written: Yes X No _____

ATTENDANT'S SEAT

The Attendant's Seat, shall be an EVS® (or equivalent) rear facing automotive style attendant's seat with a standard lap/shoulder belt and integrated child safety seat. It shall feature a seamless vinyl design and be mounted on a factory approved metal base.

The seat shall be provided and installed adjacent to the Action Area.

Above section proposed exactly as written: Yes X No _____

PASSENGER'S SIDE Action Area

The passenger side action area will be located behind the side entry door, adjacent to the sliding seat area and above compartment D.

The action area shall contain a switch panel that controls the lighting, AC/Heat, exhaust fan and other specified equipment.

The action area shall also contain connections for oxygen regulators and electrical connections. LED lighting shall be located underneath the overhead cabinets. A multiplex control head will be in this location.

The action area shall have a counter top that provides the maximum sized work area possible. The action area shall be constructed to match the design and layout of the current fleet.

This area shall have a Corian® or equivalent countertop. The action area shall have an edge that rises above the work area to provide spill containment and shall be constructed of the same material.

Respondents that offer ABS or Formica® covered countertop will be considered non-responsive and that response will be rejected. **NO EXCEPTIONS.** The to be determined defibrillator mount shall be properly affixed in this area located to match the current fleet. Exact placement shall be determined during pre-construction conference.

Above section proposed exactly as written: Yes X No

SECONDARY ACTION AREA AFT OF SLIDING SEAT

A secondary action area adjacent to compartment E. This compartment will be constructed to allow for storage drawers. The height of this action area will match the height of the passenger side action area. This action area will be no more than 16" deep. There shall be 1 or 2 drawers with at least one of these drawers opening towards the sliding attendant seat. This action area can be built into compartment E up to 8 inches inside the compartment, but must be sealed if this is done.

GLOVE BOX CABINET

A cabinet shall be built and installed on the forward wall of the box and will house four boxes of protective gloves. The cabinet shall have a door with (4) oval cut outs to allow gloves to be removed without opening the door.

The bottom edge of the glove box shall be covered by padded vinyl trim to protect occupants.

Above section proposed exactly as written: Yes X No

Sliding Seat (in place of squad bench)

There shall be Sliding Attendant Seat 1882 in place of standard bench seat. The seat will be mounted on a standard swivel base.

Seat belts should be positioned in such a manner that they may be comfortably used for either patient or attendant restraint.

Above section proposed exactly as written: Yes X No

Drug Storage

A lockable Medi-Kool ® (or equivalent) MK MICRO H/Saline Depth lockable refrigerator will be provided. Installation location to be determined. Adequate venting for the Medi-Kool must be provided. (Those proposing an equivalent must take EXCEPTION and provide detailed documentation supporting the equivalent product as such)

Above section proposed exactly as written: Yes X No

WALL COVERING

The curbside action area shall be faced with stainless steel or aluminum extending no less than 8 inches from the uppermost border of the floor covering.

The streetside action areas shall be faced with stainless steel or aluminum extending to the lower edge of the cabinet top from the uppermost border of the floor covering.

The streetside CPR seat shall be faced with stainless steel or aluminum extending to the lower edge of the hinged lid from the uppermost border of the floor covering.

Above section proposed exactly as written: Yes X No

COT SYSTEM

There shall be provided a Stryker® cot system installed. The system will consist of the following:

The newest version of the below described:

Stryker® Power Pro XT Cot (with XPS), M/N 6506-000000

Stryker® Power Load System, M/N 6390-000000

Stryker® Mass Casualty Kit, M/N 6391-001-002

Additional Stryker® SMRT Power System Battery Kit Model #: 6500-101-010

The cot mounting system shall be affixed by manufacturer supplied hardware bolted into the bored and tapped metal sub structure of the module floor. The system including the Stryker® Safety hook shall be installed in the "center load" position.

Above section proposed exactly as written: Yes X No

STAIRCHAIR

There shall be provided a Stryker® Stair Pro with optional foot rest provided.

The newest version of the:

Stryker® Stair Pro with optional foot rest 6252 (or newest model)

Above section proposed exactly as written: Yes X No

IV HOLDER

There shall be provided two (2) each cast folding IV hangers, swing down type IV holders for two IV bags. The IV hangers shall be mounted in a location to be determined at the pre-construction conference.

Above section proposed exactly as written: Yes X No

MODULE POWER DISCONNECT SWITCH

An "On/Off" style master module disconnect will be programmed within the multiplex system control head. The switch must be capable of carrying the load of both OEM batteries when in the "On" position, as well as completely disconnecting both batteries when in the "Off" position.

This switch shall NOT disconnect battery power to the chassis circuits, but to the module, or converter added circuits only.

The switch shall be recessed as to not interfere with anything. Switches that have multi-position settings allowing power from either battery independent of the other will be unacceptable.

Above section proposed exactly as written: Yes X No

12 VOLT DC ELECTRICAL SYSTEM

The electrical system and associated equipment shall comply with all Federal Motor Vehicle Safety Standards, Federal Motor Carrier Safety Regulations, and shall also conform to all applicable SAE recommended standards and practices.

The apparatus body and accessory electrical equipment shall be served by circuits separate and distinct from the chassis circuits. All wiring shall be permanently color coded and marked to identify each wire for its entire length.

Wiring shall be routed in conduit or loom that is rated to a minimum of 300° Fahrenheit and shall include a service loop of wire that will permit replacement of wire terminals. All conduits, looms and wiring harnesses shall be securely fastened to the body or frame with insulated metal cable straps.

All electrical system components and wiring shall be located and installed in such a manner that facilitates easy removal and servicing.

The 12 Volt DC Electrical System shall have 3 batteries. One (1) battery shall be used to power electronic components and isolated from ignition circuits in such a manner that it prevents significant voltage fluctuation while starting the engine.

Above section proposed exactly as written: Yes X No

12 VOLT OUTLETS

There shall be provided four (6) 12VDC outlet power sources with cigar lighter style receptacles; two (2) in each action area; one (1) at the top of the storage cabinet between the action area and the front of the patient care compartment box and (1) one in Compartment C.

Above section proposed exactly as written: Yes X No

TURN/BRAKE LIGHTS

There shall be three (3) LED Lights mounted with the patient compartment clock located above the rear door that will be noted and indicated as Right Turn, Left Turn and Stop.

These will be wired into the directional turn signals and brake lights of the chassis and will allow visual warning when the vehicle is preparing to make a turn or stop.

Above section proposed exactly as written: Yes X No

SIREN/HOWLER

There shall be provided and installed an electric siren that is able to accurately reproduce the Trade marked "Q" wail tone in addition to other traditional siren tones. Additionally, the electric siren should be compatible with a low tone traffic clearing system. This system should allow the user to cycle through siren tones via the OEM horn ring input.

Above section proposed exactly as written: Yes X No

SIREN SPEAKERS

There shall be provided two (2) electronic speakers capable of handling the maximum power from above siren/howler specification. The speakers shall be recessed in a space to project the loudest sound

Above section proposed exactly as written: Yes X No _____

LIGHTING

EMERGENCY LIGHTING

There shall be provided a complete LED emergency lighting system. All lights shall come complete with chrome bezels. This lighting system shall include the following minimum:

- Seven (7) Whelen® 900 (or equivalent) Series LED lights across front of module w/chrome flanges
- Four (4) TIR6 500 (or equivalent) Series LED Grill Lights Len Red/Clear with bezels.
- Two (2) 700 (or equivalent) Series LED Front Intersector Lights Split Len Red with bezels
- Two (2) 700 (or equivalent) Series LED Red Intersectors on Module above rear wheels with bezels
- Eight (8) 900 (or equivalent) Series Red LED Lights with chrome flanges- Four per Side
- Two (2) 900 (or equivalent) Series Red LED Lights Centered thru rear window level.
- Six (6) 900 (or equivalent) Series Red LED Lights across the rear of the module with chrome flanges-
- One (1) 900 (or equivalent) Series Amber LED Light with chrome flanges- Rear Mount

Exact layout of Emergency Warning Lights shall be determined at the pre-construction conference.

Above section proposed exactly as written: Yes X No _____

WHELEN 700 SERIES ADDITIONAL LIGHTS

There shall be two (2) Whelen® 700 (or equivalent) Series Red LED lights mounted on the rear entry doors, one per each door. These lights shall be activated in conjunction with the module rear brake lights.

Above section proposed exactly as written: Yes X No _____

CAB INTERIOR LIGHT

There shall be installed one round LED light that can be switched from white to red installed in the headliner directly above the passenger seat.

Above section proposed exactly as written: Yes X No _____

DOOR INTERIOR LIGHTS

There shall be installed flashing LED lights to the inside of each back door that are active only when door is open.

Above section proposed exactly as written: Yes X No _____

SCENE LIGHTS

There shall be provided six (6) each LED scene lights. Whelen® 900 Series (or equivalent) flush mount scene light.

The right-side scene lights shall activate upon opening of the curb side door. The rear scene lights shall activate by opening the rear door or upon putting the vehicle in reverse.

There shall be a front flood light installed below the front face air condenser. The front flood light shall be a Super Bright LEDs ® LED light bar (or equivalent). If the air condenser has angled sides, LED flood light bars will be installed on each side.

Above section proposed exactly as written: Yes X No

MARKER LIGHTS

There shall be provided the proper number of LED ICC / marker lights located on the apparatus body at the termination of the roof radius or above the drip rails if drip rails are provided.

Above section proposed exactly as written: Yes X No

REAR BRAKE, BACK UP AND TURN SIGNAL LIGHTS

There shall be provided a set of Whelen® 600 series LED (or equivalent) tail lights on the rear lower riser of the ambulance body. Additionally, there shall be provided a set of amber turn signals with arrows.

All tail lights shall come complete with chrome bezels. **NO EXCEPTIONS**

Above section proposed exactly as written: Yes X No

LICENSE PLATE HOLDER

A cast aluminum license plate bracket with polished flanges shall be recessed into the rear riser. It shall be provided with two (2) LED license plate lights.

Above section proposed exactly as written: Yes X No

PATIENT COMPARTMENT LIGHTS/INTERIOR DOME LIGHTING

General lighting for the patient compartment shall be as follows: A minimum of eight (8) overhead L.E.D. dome lights (color) shall be mounted over the squad bench side and the primary cot location. These lights must be recessed into the ceiling headliner, protruding not more than 1 1/2".

These lights are to be controlled by switches in the passenger side action area. Additionally, all eight shall automatically light on their "low" setting when either the side or rear entry doors are opened.

There shall be an ITC ® (or equivalent) LED cool blue 10mm Luna Strip Light installed: (1) along the entire length of the main cabinet wall at the top of the floor roll up below the stainless-steel riser. (1) Along the entire length of the sliding attendant seat base at the top of floor roll up below the stainless-steel riser to stop at the head of the bench cabinet. Both will be wired to rear control panels as Aisle Lighting.

Any lighting system using a rheostat to control lamp intensity is NOT acceptable to this agency.

Above section proposed exactly as written: Yes X No

STEPWELL LIGHT

There shall be provided an LED step well light located at the curbside entry interior door step well.

Above section proposed exactly as written: Yes X No

ACTION AREA LIGHTS

There shall be provided a LED light mounted above the work surfaces, underneath the overhead cabinets.

The action area light shall be controlled by a switch located in the multiplex control head.

Above section proposed exactly as written: Yes X No

COMPARTMENT LIGHTS

There shall be provided red colored LED strip lights in each exterior compartment that activates upon opening of the compartment doors.

Above section proposed exactly as written: Yes X No

CHECKOUT TIMER SWITCH

A 15-minute spring wound mechanical timer(s) shall be provided and installed to control the curb side LED lights specified above. The timer shall be installed in the curbside wall adjacent to the side entry door. The location shall be determined at the pre-construction conference.

Above section proposed exactly as written: Yes No X

BACK-UP ALARM

A solid-state back-up alarm capable of sounding an alarm of at least 90 decibels shall be installed so that when the chassis gear selector is placed in "Reverse", it will automatically activate.

Above section proposed exactly as written: Yes X No

DRIVERS CONTROL CONSOLE

There shall be provided a custom driver control console fabricated from aluminum which shall replace the OEM center console located between the driver and passenger seats. The console shall be covered with a non-skid, UV protected, heavy duty black spray on polyurethane liner material or black powder coat. **NO EXCEPTIONS**

All corners of the drivers control console shall be free of sharp edges and the console shall be fastened to the cab floor in such a manner as to allow for quick and easy removal for access to components below.

The console shall come complete with the necessary switch panels and other controls as required by these specifications. The switch panel shall incorporate rocker style switches and door and compartment indicator lights.

In addition, the console shall house other onboard meters the electronic siren and the subsequent mounting of County's one (1) mobile radios, (2) glove box holders, 2 drink holders and two (2) clip board holders. There shall also be installed one (1) 110V AC duplex receptacle that is powered by the inverter and shoreline. Items shall be bolted in the cab but easily removable by one person.

The console radio cut outs shall be part of the console design and construction and not required to be completed by the radio installer.

A computer mount with swivel shall be installed in the front cab area. Brand and model of computer will be discussed at pre-construction. The layout will be decided at the pre-construction conference.

Above section proposed exactly as written: Yes X No

DRIVER'S CONTROL PANEL

The driver's control panel will be made of aluminum and secured to the console with screws and shall contain a multiplex control head.

Above section proposed exactly as written: Yes X No

RADIO CONDUIT

A three-inch conduit will be supplied and run in a location to be determined at the pre-construction conference.

Above section proposed exactly as written: Yes X No

RADIO PRE-WIRE

There shall be three 12V circuits installed (1 circuit will be unswitched, and two will be switched). One switched circuit will be run from the electronics cabinet to the rear of the driver's seat in the cab of the truck. Additionally, one 12V ignition switched wire will be run in the same fashion. One switched circuit will be run from the electronics cabinet to the passenger side action area.

Wire specification: Switched 12V + circuits will be red #8 circuit protected by a 25-amp fuse or circuit breaker. Unswitched 12V + will be red #8 circuit protected by a 25-amp fuse or circuit breaker. The 12 - for all circuits will be a #8 black wire connected to the frame of the vehicle. The ignition 12V + circuit will be yellow #14 circuit protected by a 15-amp fuse or circuit breaker

Exact layout and location of radio pre-wire shall be determined during pre-construction conference.

Above section proposed exactly as written: Yes X No

RADIOS

Two (2) Motorola® APX1500 P25 7/800Mhz trunking land mobile radio equipped as specified: SW P25 Trunking, Auxiliary Spkr 7.5 Watt, TDMA Operation APX, APX Mobile Radio Authentication, Group Services, SMA to QMA Adapter, APX O2 Control Head, Dash Mount O2 APXM, 3y Essential Service, Multkey Encryption Operation, AES Encryption, APX Control Head Software, ADP Only (Non-P25 CAP Complaint) Encryption, DES Encryption, Over the air programming, Radio authentication, handheld microphone and upgrade for 1024 talkgroup capability.

SIERRA MG90 5G AIRLINK

One (1) Sierra MG90 5G Airlink wireless gateway will be provided by the dealer or manufacturer. The MG90 5G shall be installed in the cabinet above the Captain's chair and powered by the unswitched 12v, +/- 15-amp circuit that is connected to the isolated third battery.

Above section proposed exactly as written: Yes X No

ANTENNA COAX PRE-WIRE

There shall be 2 double shielded RG-58 coax cables installed.

One double shielded RG-58 coax cable shall run from the front third of the module and terminate behind the driver's seat in the cab. The mount used on this antenna will be an NMO style and shall have a Motorola antenna, M/N HAF 4013 -A installed

One double shielded RG-58 coax cable shall run from the rear third of the module and terminate at the passenger side action area. The mount used on this antenna will be an NMO style and shall have a Motorola antenna, M/N HAF 4013 -A installed

Additionally, a Sierra Wireless AirLink Antenna: 6-in-1 Dome antenna, shall be installed in the middle of the module and terminated in the in the cabinet above the captain's chair.

Exact layout and location of antennas shall be determined during pre-construction conference.

Above section proposed exactly as written: Yes ☒ No ☐

BACK-UP CAMERA SYSTEM/CAMERAS

A backup camera system shall be provided and installed to aid the driver in safely maneuvering and positioning. The system shall consist of two (2) high resolution color camera (capable of withstanding a 10G shock without affecting performance), and one (1) color display with the ability to add additional cameras.

One (1) high resolution color camera shall be mounted on the rear of the ambulance. This camera will activate once the vehicle has been placed in reverse.

The color display will be a monitor that will replace the OEM rear view mirror (mirror not required).

All wiring shall be concealed in the headliner.

One (1) high resolution color camera shall be mounted inside the patient care compartment, at the top of the forward wall. This camera will be monitored by the systems multiplex control screen.

Above section proposed exactly as written: Yes ☒ No ☐

HEATING / AIR CONDITIONING SYSTEM

Heating and air conditioning for the patient compartment will be provided by a combination heat/ac unit. The unit shall be ProAir®.

The heater portion will have a BTUH capacity of 35,000; the air conditioner will have a BTUH capacity of 32,000. A three-speed blower fan capable of 650 CFM on the highest setting will be included.

To reduce the potential for condensate leakage, dual 0.375" ID drain hoses shall be installed on the AC drain pan. The drain hoses shall terminate below and outside the ambulance body. The combo system shall be provided with an electrically controlled water shutoff valve which shall close to stop the flow of hot water to the heater whenever the air conditioning is operating.

The system shall operate while the ambulance is in use as well as when it is attached to the shoreline.

The AC condenser unit shall be mounted on the forward exterior wall of the ambulance module. It shall be housed in a manner that conceals the condenser and allows for the mounting emergency lighting in accordance with the current fleet.

Above section proposed exactly as written: Yes ☐ No ☒

THERMOSTAT

A Hose-Line® (or equivalent) digital low voltage heating and air conditioning thermostat shall be provided to control the specified environmental systems. The thermostat shall be installed at the curb side action area.

The AC/HEAT System shall be certified to meet current CAAS or KKK-A-1822 guidelines.

Above section proposed exactly as written: Yes ☒ No ☐

EXHAUST FAN

The patient compartment of this ambulance will be ventilated with fresh outside air via one (1) static intake vent and one (1) power exhaust vent. The system shall be capable of completely exchanging the entire air volume within the patient compartment every two (2) minutes. The location of the intake and exhaust vents shall conform to the current fleet.

Above section proposed exactly as written: Yes X No

OXYGEN SYSTEM

This ambulance shall incorporate an on-board piped medical oxygen system in accordance with the guidelines put forth in CAAS or KKK-A-1822, as currently amended.

The system shall consist of a supply cylinder (when indicated below), low pressure, electrically conductive (green) hose approved for medical oxygen, and self-sealing oxygen outlets as indicated below. Industrial or welding oxygen hose is not acceptable. Medical certified hose and components must be utilized throughout.

The oxygen system shall be piped to Ohio-type oxygen outlets located in the following areas:

There shall be three (3) "Ohio" style type wall outlets (oxygen) in the action area and one (1) "Ohio" style type wall outlet (oxygen) located at passenger side action area. There shall be (1) oxygen port above the stretcher. (Location to be determined at the pre-construction conference), and (1) "Ohio" style wall outlet (oxygen) located at the driver's side a

Above section proposed exactly as written: Yes X No

The entire system shall be tested after installation. Testing shall include a minimum four (4) hour nitrogen leak test.

Above section proposed exactly as written: Yes X No

OXYGEN REGULATOR

There shall be supplied one (1) main oxygen tank regulator for large "H" and "M" oxygen cylinders with outlet pressure of 40-80 psi.

Above section proposed exactly as written: Yes X No

MAIN OXYGEN CYLINDER BRACKET

There shall be a Zico® Power Lift (or equivalent) O2 bottle mount to allow the County to utilize "M" cylinder, "JUMBO M" and "H" Cylinder bottles. There shall be approved straps provided.

Above section proposed exactly as written: Yes X No

PORTABLE OXYGEN CYLINDER BRACKET

There shall be two (2) Zico® QR-D-2 O2 (or equivalent) bottle mount to allow safe storage of "D" cylinders in the patient compartment. Location to be determined at the pre-construction conference

Above section proposed exactly as written: Yes X No

SUCTION SYSTEM ASPIRATOR

A RICO® RS4X (or equivalent) disposable aspirator will be installed in the driver's side action area and connected to the vacuum inlet by a quick connect coupler.

The system shall be connected to the 12-volt electrical system and be controlled by a switch in the forward Action Area control panel.

Above section proposed exactly as written: Yes X No

VACUUM PUMP

A Gast® (or equivalent) electric vacuum pump shall be installed in the street-side #2 compartment. This pump will be activated by a switch in the driver's side action area control panel. It will be protected from damage by shifting equipment by means of a fabricated expanded aluminum mesh guard.

Above section proposed exactly as written: Yes X No

VACUUM OUTLET

One (1) Ohio style quick disconnect vacuum outlet shall be provided and installed in the Driver's side Action Area.

Above section proposed exactly as written: Yes X No

110 VOLT AC WIRING AND COMPONENTS

This vehicle shall be furnished with a two (2) wire plus ground 110-volt AC wiring system completely separate from its 12-volt DC system. It must comply with Article 551 of the National Electrical Code and is to be used for powering maintenance devices, battery chargers, etc. while on standby.

The 110-volt system must include two (2) 15-amp GFI circuit breakers mounted in a circuit breaker box located in the electrical cabinet. One breaker shall control and protect the 110-volt outlets located in the patient compartment, front console and external compartment. The second breaker will control the OEM engine block heater connection and can be used as a "summer switch" to turn off the engine block heater when operation is not desired. Systems that require unplugging the block heater are not acceptable. These circuits shall be powered from the shoreline inlet included in this specification.

110V AC duplex outlets will be located in the drivers Console, Compartment C and Compartment D

Above section proposed exactly as written: Yes X No

110 VOLT RECEPTACLES HOSPITAL GRADE

Four (6) hospital grade 110-volt AC duplex receptacles with green internal pilot lights and stainless-steel face plates shall be installed in the patient compartment as follows: Two (2) in each action area; two (2) in the storage compartment behind the driver's side action area.

All 110V AC duplex wall outlets shall be GFI protected with energized indicator light and wired to shoreline and the inverter.

Above section proposed exactly as written: Yes X No

SHORE POWER

A Kusmaul Super Auto Eject ®, or "shoreline inlet", shall be installed on the front of the module near compartment A. It must contain a male inlet connection rated and labeled for 20 amps, be suitable for wet conditions, and be protected by a weather tight metal cover. A properly sized female mating plug (three-pin design) shall also be provided for connection to this County's wiring. There shall be a polished metal plate that wraps around the module corner to protect it from the cords.

To protect this device from arcing during connection or disconnection, a time delay and interrupter device shall be installed.

Above section proposed exactly as written: Yes X No

ADDITIONAL SHORELINE INLET

A Kussmaul Super Auto Eject ®, or "shoreline inlet", shall be installed as above to power AC/HEAT System. It must contain a male inlet connection rated and labeled for 30 amps, be suitable for wet conditions and be protected by a weather tight metal cover. A properly sized female mating plug (three-pin design) must also be provided for connection to this County's wiring.

To protect this device from arcing during connection or disconnection, a time delay and interrupter device shall be installed.

Above section proposed exactly as written: Yes X No

INVERTER / BATTERY CHARGER

A Varner® brand (or equivalent) 1050-watt inverter with a 55-amp battery charger and internal transfer switch shall be provided and connected to wiring provided in the cabinet behind the attendant seat. It shall be UL listed, KKK-A-1822 certified and wired to power the interior 110-volt receptacles.

Above section proposed exactly as written: Yes X No

PATIENT COMPARTMENT CLOCK

One (1) 12-volt Intellitec "Emergency Time Manager" digital clock (or equivalent) shall be provided in the above the rear doors. It shall feature a digital display of time (hours: minutes), a sweep second hand, elapsed time counter (hours: minutes), preset alarm intervals at one (1) minute, two (2) minutes, five (5) minutes and ten (10) minutes and shall have approximate dimensions of 4.75" high x 6.75" wide x 1" deep. 12-volt power to this clock shall be constant.

Above section proposed exactly as written: Yes X No

POWER DOORS

POWER LOCKS - MODULE ENTRY DOORS

Power locks shall be provided for the side and rear-curb side module entry doors. The system shall include the actuator, actuator connector, actuator pigtail, relay and relay connector.

All cab doors and compartment doors shall be operated by the same two (2) remote key fobs.

Above section proposed exactly as written: Yes X No

POWER LOCKS - EXTERIOR COMPARTMENT DOORS

Power locks shall be provided for all exterior compartment door(s). The system shall include the actuator, actuator connector, actuator pigtail, relay, and relay connector.

All cab doors and compartment doors shall be operated by the same two (2) remote key fobs.

Above section proposed exactly as written: Yes X No

REMOTE POWER DOOR LOCK CONTROL

A remote momentary toggle switch with a rubber boot shall be provided to control all door locks. Its location shall be decided at the pre-construction conference.

Above section proposed exactly as written: Yes X No

PAINT, VEHICLE IDENTIFICATION

AMBULANCE BODY AND CHASSIS PAINTING

Prior to applying the first coat of primer, all removable hardware items such as doors, handles, hinges, grab rails, lights, etc. shall be removed. The doors and ambulance body shall be painted separately.

The entire body shall be fully ground smooth and sanded to eliminate any visible welded deflections.

The entire module shall be degreased. Degreaser shall be applied to manufacturer's recommendations. Body shall be inspected for flaws and imperfections and to assure that it is built to ordered specifications. All surfaces shall be sanded with 150 grit paper and all imperfections repaired. The priming and final coat of paint shall conform to the paint manufacturer's guidelines. Paint shall be PPG ® urethane or equivalent.

The main body color shall be white. The paint finish shall be laid onto the body in a flat, orange peel free, mirror like shine on all four sides.

The roof color shall match the main body paint. There will be no unpainted surfaces on the roof. **NO EXCEPTIONS**

Above section proposed exactly as written: Yes X No

PAINT SCHEME AND LETTERING

Striping:

Shall be quoted based upon the photographs in Appendix A. Striping shall be constructed of 3M brand 680-14 or 680CR-14 Orange and 680-76 or 680CR-76 Light Blue reflective vinyl material and installed by the manufacturer or a qualified technician.

Lettering:

Shall be quoted based upon the photographs in Appendix A. Lettering shall be constructed of 3M brand 680-14 or 680CR-14 Orange and 680-76 or 680CR-76 Light Blue reflective vinyl material and installed by the manufacturer or a qualified technician.

Decals:

Shall be quoted based upon the photographs in Appendix A. Decals shall be constructed of the same materials used in lettering and striping. Decals may be printed on a background of 3M brand 680-10 White reflective vinyl material providing reflectivity / visibility is maintained and printed colors match the standard reflective vinyl colors used in the overall graphic application. The County will provide image files for the vehicle door logo

Due to expected consistency in reflectivity, color and appearance, **NO EXCEPTIONS** are allowed with regard to the above manufacturer or respective part numbers with regard to striping and lettering material.

Bidders may contact the County regarding its current graphics provider for pricing on the graphics package. The successful bidder may contract with this provider and only this provider if they wish to deliver the vehicle to the dealer prior to graphics installation.

Above section proposed exactly as written: Yes X No

AMBULANCE MARKING PACKAGE

The vehicle shall be supplied with lettering and "Star of Life" symbol decal package as described in Federal Specifications KKK-A-1822D 3.16.4., with one exception. The staff and serpent within the star design shall be orange on all decals exclusive of the module roof decal. The "ambulance marking package" is to be installed per County required locations.

Decals: Install 32" Star of Life decal on Module Roof.

Above section proposed exactly as written: Yes X No ____

REAR CHEVRON REFLECTIVE STRIPING

The rear of the module shall have reflective chevron striping applied per County's requirements. The department is requiring Blue/Orange Reflective Stripe chevron matching the current fleet exactly.

The current design incorporates a "substrate" of 3M brand 680CR-14 Orange covering the entire rear surface of the module. The 680CR-76 Light Blue stripe is applied over the orange substrate to produce the chevron pattern.

Above section proposed exactly as written: Yes X No ____

FIRE EXTINGUISHER

There shall be two (2) Five-pound (5#) A-B-C type fire extinguisher provided and shipped loose with the vehicle on delivery.

Above section proposed exactly as written: Yes X No ____

PORT DECONTAMINATION

Aeroclave ® decontamination system port for interior disinfecting exact installation location to be determined at pre-construction conference.

OPTIONAL UPGRADES

Provide the cost for the following options:

1. Turn signal cameras will be installed 1 on each side of the truck and will be monitored by the monitor display system wired with the backup camera. The turn signal cameras monitor will be activated when the turn signal is engaged.
2. Road Armor Stealth® wide fender flare front non-winch bumper Lonestar guard with black texture

Rowan County Emergency Services Ambulance RFP

Appendix A

Appendix A is meant to provide potential bidders a snap shot of the layouts of our current fleet. We do acknowledge that this RFP has numerous differences from the current fleet. Several images of our current fleet are not included in Appendix A due to being different in the RFP. Also, the exterior design (decals) will be different from the current fleet, but will not include specialized painting. This appendix is meant to be a guide, but is not a firm description of these ambulances. Interior cabinetry should be similar to this, but it is understood that it will not be identical and Rowan County Emergency Services is open to some variations of cabinetry.



Rowan County Purchasing Department
130 West Innes Street • Salisbury, NC 28144

Phone: 704-216-8174

Email: anna.bumgarner@rowancountync.gov

Addendum I RFP #2022-009 Ambulances

- Q1. If dealership represents multiple manufacturers, can a single IFB be submitted with manufacturer compliance noted by each line? OR Does an IFB have to be submitted for each manufacturer and chassis type submitted?**
A1. Rowan County is ok with an IFB per manufacturer and listing a price to upgrade to the Type I chassis. Just be sure everything is clear and understandable.
- Q2. Type I Chassis Specifications: Four (4) Wheel Drive or Two (2) Wheel Drive; Gas or Diesel; Regular, Extended, or Crew Cab**
A2. 2 Wheel Drive, Gasoline, regular cab
- Q3. Door Construction: Reference is made to "Orange/White Reflective Striping."**
A3. Image attached labeled "Door chevrons"
- Q4. Door Construction: Is this ALL doors, entry and compartment or entry doors ONLY?**
A4. All entry/exit doors to the box
- Q5. Door Construction: What is the width of the striping?**
A5. 4"
- Q6. Driver's Side Compartment A: What are the dimensions of the current compartment?**
A6. Approximately 80" H x 21" W x 21" D
- Q7. Driver's Side Compartment B: Is a picture or illustration of the shelving design available?**
A7. Image attached labeled "Drivers side compartment 2"
- Q8. Driver's Side Compartment B: What equipment will be utilized in this compartment?**
A8. Currently, the inverter, splints, tire chains, miscellaneous equipment
- Q9. Drug Storage: What is the preferred locking mechanism of the unit?**
A9. Keyed Lock

Q10. Drug Storage: Keyed Lock, Programmable 5 button code lock?

A10. Key

Q11. Drug Storage: Does the lock need data logging capabilities?

A11. No

Q12. Drug Storage: What locking mechanism is currently in place?

A12. Key only

Q13. Emergency Lighting: Front seven (7) 900 Series, what is the color of each light, Left to Right looking at front of the module, i.e. R/RW/R/W/R/RW/R

A13. R-W-R-W-R-W-R

Q14. Emergency Lighting: Four (4) TIR6 500 Grill Lights, is there a flash pattern desired?

A14. No

Q15. Emergency Lighting: Two (2) 700 Series Intersection Lights, what color facing forward? Red or White

A15. Red

Q16. Emergency Lighting: Eight (8) 900 Series, four (4) per side: Is there a specific spacing desired?

A16. No—Similar to placement shown in Appendix A

Q17. Emergency Lighting: Is there a specific flash pattern desired?

A17. No

Q18. Emergency Lighting: Six (6) 900 Series Rear: Six (6) of the 900 series RED warning lights, combined with one (1) Amber center position 900 Series and two (2) 900 Series scene lights, there is not enough space for nine (9) lights total across the rear wall of module above the rear entry doors.

A18. 9 is correct. There are 7 lights across the top of the box, R-R-Scene-Amber-Scene-R-R. There is 1 R light below these lights, one each side of the box. Image attached "Rear emergency lights".

Q19. Door Interior Lights: What color should these lights be?

A19. Amber

Q20. Door Interior Lights: What location should they be placed on the doors?

A20. Rear doors and side entry door. Rear and side entry, lower half.

Q21. Radios: Is the cost of radios to be included in the IFB or will these be agency supplied for installation by manufacturer?

A21. Included

Q22. Radios: Console picture in Appendix A, page 54, illustrates two (2) radios installed in console? Is one (1) or two (2) radios being installed in console?

A22. Only 1 radio in the front console. There will be a second radio installed in the action area.

Q23. Antennas: Is there an antenna for each Motorola APX1500 or is only one (1) antenna needed for this radio system?

A23. Each radio needs an antenna, the antenna layout list the specific placement of the two different antennas.

Q24. Port Decontamination: What is the location for installation of the port for the Aeroclave Decontamination System?

A24. Drivers side rear compartment

Additional Photos attached.



LIFE LINE

EMERGENCY VEHICLES

ITB # 2022-009

Rowan County Emergency Medical Services
Anna Bumgarner
130 West Innes Street
Salisbury, NC 28144
7042168174
anna.bumgarner@rowancountync.gov

Southeastern Specialty Vehicles
Darren Hadley
911 Martin Creek Road
Henderson, NC 27587
8666402028 x 507
2524301503
darren.hadley@ssvsales.com

Quote No: 10116-0001

03/06/2022

Page 1

QTY	PART NO	S	DESCRIPTION
1			== 167" SUPERLINER TYPE III - 1.000 01/12/22 ==
1			MASTER PARTS REVISION DATE (Start 01-10-21 to 04-12-22)
1	00-00-0500		LIFE LINE WARRANTY Warranties Include: Lifetime Modular Body Warranty Lifetime Electrical Harness Warranty Lifetime Limited Cabinet Warranty 5-Year/60,000 Mile Product Conversion Warranty 10-Year/100,000 Mile Electrical Warranty Elite System 6-Year Pro-Rated LL Paint Warranty Which is as follows: For 3 Years 100% 4th Year 50% 5th Year 25% 6th Year 10%
1	00-00-0700		>>>SHOP COPY DATE - FACTORY USE ONLY<<< Date Order Placed By Dealer. Draft Work Order Process Date: 1st Dealer Draft Date: Final Dealer Draft Date: Sign-Off Date: Parts/Drafting/Paint:

QTY	PART NO	S	DESCRIPTION
			Shop Release Date:
			SFD:
1	00-00-0800		Customer Contact Person (Required For Factory Use) Specify Name And Number:T.B.A.
1	00-00-0805		Customer End User Contact Person & E-mail (Required For Factory Use) Specify Name and E-mail:
1	00-00-3120		Sales Rep: Darren Hadley 866-840-2028 Southeastern Specialty Vehicles
1	00-00-FL00		Fill Unit With Fuel For Delivery (Charge To Dealer Account)
1	00-00-FN00		Specify FORD Fleet Number If Available (FORD Chassis Only) Specify FIN Number: QB241
1	00-00-PU00		Specify Previous Unit Number: (FACTORY USE ONLY)
1			***BODY STYLE***
1	00-01-3000		167" x 96" SUPERLINER TYPE III BODY (WIDE AISLE) Includes wide aisle width.
1			***CHASSIS***
1	10-00-0100		Chassis VIN Number: (FACTORY USE ONLY)
1	10-00-1501		2023 Ford E-450 SD Cutaway Van (Gas V8 Engine) Includes the standard Ford O.E.M. 3-Year/36,000 Mile warranty.
			Includes rubber floor as standard.
1	10-01-3400		**FACTORY USE ONLY** Spare key and owner's manual to be shipped loose with the completed vehicle.
1	10-01-5510		IPD/Roadmaster Rear Sway Bar E-450 #1139-147 Rear sway bar for E450 without tire chains
1	10-01-8000		Delete Standard Wheel Covers
1	10-01-9500		Ship The Spare Tire Loose
1	10-02-1900		Black Velvac Heated & Motorized Mirrors Model #2020XG For Chevrolet G series application.
1	10-02-3500		O.E.M. Radio W/Cab Speakers
1	10-02-5000		Low Voltage Throttle Manager
1	10-02-5700		Hand Held Cab Spot Light This option includes a 12v outlet for the light.
			Please specify location for the outlet: Spot light to ship loose unless otherwise specified.
1	10-03-0000		Large Custom Floor Console Aluminum Vortex Sprayed

QTY	PART NO	S	DESCRIPTION
			Siren Radio
			two (2) glove box holders in rear
			two (2) cup holders
			two (2) clipboard/notebook slots
			one (1) 110 v outlet
			A computer mount will be installed onto console
1	10-03-2010		Whelen 60CREGCS Red/Clear 6" Round LED Headliner Map Light LL#E22114
			Specify mounting location: Center of headliner
			This light has an integral switch to control white and red halves.
1	10-03-8500		Dual Matched Batteries in Slide Out Compartment Standard group 65 batteries.
1	10-04-3500		Owner's Manual (1 Included With Unit)
1	10-DL-0100	S	Aluminum Wheels Installed onto chassis Specify Custom Option: Installation of Aluminum Wheels onto Chassis
1			***MODULAR BODY TYPE III***
1	15-01-1805		Meet CAAS GVS Includes: - Upgraded vinyl 40oz or better - (2) 5# fire extinguishers, shipped loose. - Oxygen wrench, shipped loose. - Lock on cab-to-module door or window that is lockable from cab side. - 3/4" white reflective striping around the entry door extrusions. - SSCOR suction canister clip #230-00003. - CAAS certification seal.
1	15-01-5000		Standard 72" Finished Headroom
1	15-01-6500		Bulkhead Wall Recessed Additional 3" includes a total of 6' recess ILOS.
1	15-01-8500		Cab To Module Sliding Door
1	15-02-0000		Standard Perko Body Intake And Exhaust Vents (3-STD)
1	15-02-2000		Rubber Rear Fender Rings
1	15-02-2500		Standard Cast Fuel Fill Housing
1	15-02-3220		Shoreline Cover Plate Painted & Mounted to Module Body (Ea)
1			***MODULE DOORS AND WINDOWS***
1	20-00-0100		2 Red Reflectors On Each Module Entry Door One Mounted At The Top And One Mounted At The Bottom.
1	20-00-0500		Combination Extruded/Pan Formed Module Entry Doors With Clean Seal #50512 Door Gaskets. Includes Stainless Steel Sill Plates.

QTY	PART NO	S	DESCRIPTION
			Non-Slip Tape on Side Entry Sill Plate
1	20-01-0000		Full Height Side Entry Door With Gas Style Hold-Open Position The Hold-Open At 90 Degrees
1	20-01-1000		Side & Rear Entry Door Thresholds With Black/Yellow Safety Anti Slip Tape
1	20-01-3000		Sliding Side Entry Door Window (Dark Tint) Sliding Window With Screen And Dark Tint
1	20-01-3500		Rear Doors With Grabber Style Hold-Opens
1	20-01-5500		Fixed Rear Entry Door Windows (Dark Tint) With Dark Tint Option.
3	20-01-9000		Delete Exterior Assist Handle On Side Or Rear Entry Doors (Ea) Specify Deletion Location:
1	20-02-0000		Tri-Mark 030-18 Free Float Handles with Chrome Exterior and Black Pocket
1	20-02-1500		Primary & Secondary Exterior & Interior Rear Door Free Float Handles Standard
1	20-02-1600		Secondary Door Release Latches On All Entry Doors (3) L04025 Label LH Arrow (3) L04026 Label RH Arrow
1	20-02-2500		Shielded Cable Activated Module/Compartment Door Latches
1	20-02-3500		Cage Nuts On All Door Panels
1	20-02-4100	S	Smooth Aluminum Plate Lower Module Entry Door Trim Panels Chevrons on lower panels
1	20-02-6000		Diamond Plate Side Entry Door Stepwell W/Sealed Seam Edges TYPE 1'S WILL HAVE DUAL SIDE ENTRY STEP STANDARD F & G Series with 3" Lower Skirt Specified will have Dual Side Entry Step
1	20-DL-0100	S	Brushed Stainless Interior Module Door Panels Brushed Stainless Steel interior door panels for all three (3) module entry doors
1			***EXTERIOR COMPARTMENTS***
1	25-00-0100		SPECIAL NOTE TO DEALER Custom Compartment Options/Designs Not Listed In The Published Options List MAY Result In Additional Charges.
1	25-00-0200		2 Red Reflectors On Each Full Height Compartment Door One Mounted At The Top And One Mounted At The Bottom. One Reflector Mounted On Each Standard Height Compartment Door.
1	25-00-0500		Combination Extruded/Pan Formed Compartment Doors With Clean Seal #50512 Door Gaskets And Stainless Steel Sill Plates. Includes Gas Style Hold-Opens Unless Otherwise Noted. Special Note To Production: Position All Gas Hold-Opens For Maximum Allowable Door Opening. Does Not Include Doors That May Hit Other Compartment Doors

QTY	PART NO	S	DESCRIPTION
1	25-00-0600		Polished Diamond Plate Exterior Compartment Door Panels
1	25-01-0000		Magnetic Compartment Door Switches
1	25-01-1000		Polyurethane Compartment Lining-Standard Gray
1	25-01-2500	S	Standard TecNiq Model E41 LED Strip Lighting Surface Mounted Compartment Lights One Strip To Be Installed Vertically Inside Door Frame Against Wall #1 Or #3 As The Standard.
			RED LED STRIP LIGHTS, NOT WHITE
			The Standard Light Lengths Used Are: 18" E22140 31.5" E22141 54" E22145 72" E22149
1	25-01-3300		Black Texture Coated Aluminum Exterior Compartment Vents
1	25-04-3000		Delete Superliner Curbside Front Backboard Compartment Specify Alternate Backboard Compartment, P4
			Curbside Entry Door Forward Design
1	25-04-5110	S	Move Superliner Side Entry Door Forward With IS/OS Rearward Of Entry P2, aft of curbside entry door approximate dimensions of ALS IS/OS cabinet 25.5" wide, 51.5" high and 22" deep. This compartment will have 2 adjustable shelves This compartment shall be located on the passenger side of the vehicle, behind the door forward entry The area above the module floor level will have inside/outside access. The inside access will be covered with a Robinson ® Roll Up Door (or equivalent). This compartment will have approximate dimensions of 25.5" wide, 51.5" high and 22" deep. This compartment will have 2 adjustable shelves. The upper left portion of the compartment shall have drawers that are accessible on the side, accessible from the sliding style seated area. There shall be a color keyed Corian ® (or equivalent) countertop installed at the top of the compartment. The compartment shall have a red colored LED strip compartment light that activates upon opening the external compartment door. The lower portion of this compartment shall be used for battery storage, area below the floor module. Batteries will be placed on a slide out tray. The tray shall accommodate 2 full size batteries.
1	25-04-5500	S	2 Adjustable IS/OS Compartment PVC Shelves (1) Adjustable In The Upper Section. (1) Adjustable In The Lower Section. NO FIXED SHELF ADJUSTABLE SHELVES ONLY

QTY	PART NO	S	DESCRIPTION
1	25-04-7000		Cabinet Liner Lined Walls In The IS/OS Compartment
1	25-04-8000	S	Superliner Curbside Aft of Entry Door Battery Compartment Move to aft of side entry door, below floor. Door Forward Design P3
1	25-05-3000	S	Superliner Curbside Rear Backboard Compartment P4 The compartment shall have a single vertically vented hinged door with "scorpion" style interior surface. The compartment shall contain a red colored LED strip compartment light that activates upon opening of the compartment door. There shall be two (2) aluminum vertical dividers. There shall be one (1) horizontal divider on the right side of the compartment, located in the half way height of the compartment. All dividers shall be scorpion lined. In addition, there shall be two (2) seat belt restraints spanning all three (3) sections
1	25-05-3500	S	Superliner Full Height Streetside Front Compartment D1 Zico Q2 Lift
1	25-05-5000	S	Superliner Streetside Double Door Intermediate Compartment D2 There shall be two (2) vertical dividers with one (1) adjustable shelf mounted on uni-struct tracks provided on the outermost side of each divider leaving an open vertical storage space between said dividers. All shelves and dividers shall be scorpion lined.
1	25-05-9000	S	3/4 Height Single Door Streetside Rear Compartment D3 36" H x 28" W x 33" D Stair Chair Mounted on door Two (2) Adjustable Shelves vortex sprayed with dri deck
2	25-11-8015	S	Smooth Aluminum Adjustable Shelf W/ Dri-Dek Matting (Ea) Smooth Aluminum With Standard 2" Lips Vortex Sprayed Specify Compartment: D-2 There shall be two (2) vertical dividers with one (1) adjustable shelf mounted on uni-struct tracks provided on the outermost side of each divider leaving an open vertical storage space between said dividers. All shelves and dividers shall be scorpion lined.

QTY	PART NO	S	DESCRIPTION
3	25-12-1000		Fixed .125" Vortex Covered Aluminum Vertical Divider (Ea) Specify Compartment: D2 There shall be two (2) vertical dividers with one (1) adjustable shelf mounted on uni-str tracks provided on the outermost side of each divider leaving an open vertical storage space between sai dividers. All shelves and dividers shall be scorpion lined.
		P4	Second Vertical Divider for backboard compartment
5	25-12-9000		Black Dri-Dek On Compartment Floor (Each) Specify Compartment: D1, D2, D3, P2, P4
2	25-13-5600	S	2" Seat Belt Style Compartment Equipment Strap (Ea) Specify Compartment Location: P4 In addition, there shall be two (2) seat belt restraints spanning all three (3) sections
2	25-13-7001		125 volt outlet (Ea) Specify Compartment Location(s): D-3, P-5
1	25-CS-0900	S	Inner Door Panel Stair Chair Storage Bracket Includes Center Section 2" Wide Seat Belt Style Strap. Install The Short Strap In The Outer Most Position. Trim The Upper Edge With "Q" Trim. Box Is With (2) Wheel Holes. Part #LL0900 Specify Compartment: D3
1			***REAR STEP AND BUMPER ASSEMBLY***
1	30-01-0500		STD Rear Bumper With Rubber Dock Option Standard Rear Bumper With Rubber Dock Bumper Option. Includes Standard Reinforced Corner Angle Supports & Aluminum Sub-Frame Bumper. Center Section And End Caps To Be At The Same Height. Truss Head Style Phillips Screws Are To Be Used To Secure The Diamond Plate Bumper Pod To The Sub-frame
1	30-01-3500		Full Width Diamond Plate Rear Kick Plate
1	30-01-5000		Recessed Texture Black Tow Eyes In Rear Kick Plate Black Only
1			***IMPACT RAILS, STONE SHIELDS AND RUNNING BOARD***
1	35-01-0000		One Piece Body Side Panels With Aluminum Lower Impact Rails Includes Lower Impact Rails Only.
1	35-01-3000		Diamond Plate Running Boards With Grip Strut Grip strut welded into running board.

QTY	PART NO	S	DESCRIPTION
1	35-01-7500		Rear Mud Flaps With Metal Stabilizers
1	35-01-9000		Stainless Steel Compartment And Entry Door Sill Plates
1	35-02-1000		24" High Front Stone Guards With Sealed Top Edge.
1			***ELECTRICAL SYSTEM***
1	40-00-0550		<p>Elite G3 Touch Screen Electrical System Includes: (1) Front Switch Panel, (1) Rear Switch Panel.</p> <p>(2) Carling Switches with Stainless Steel Guard (1)Curb Side Dome Lights (1) Momentary Disable Switch For Curb Side Scene Lights. Located on front wall</p> <p>(1) Electric Oxygen with Regulator And Oxygen Display. Regulator Mounted On A Bracket Remote From The Oxygen Tank. Includes High Pressure Hose From The Tank To The Regulator.</p> <p>(3) Power Point Studs - They Will Include A Full-time Hot, Battery On (Ignition Hot), & Ground These Are Rated 20 AMPS Or Less. Dealer To Specify Location: Auxiliary Electrical Cabinet for Sierra Wireless</p> <p>(1) Front Wall Mounted Patient Compartment Camera White (ASA VCMS20) (This Camera Will Always Be Displayed Thru The Elite Front Touch Screen And The Camera Head Will Be White Unless Otherwise Specified) Specify (VCMS24B) For Black</p> <p>Dome Lights On Low With Entry Door. (On High Is Not An Option)</p> <p>The R.F.S. Switch May Turn On the Dome Lights On High or the Center Strip Lights. Specify: curbside Dome lights</p> <p>Inverter Will Come On With Ignition If One Is Specified, Along With Button Provided On Switch Panel.</p>
1	40-01-0301	S	<p>Add Second Rear Touch Screen (Elite System) Specify Mounting Location: above AIS cabinet, curbside wall, on angled fascia</p>
1	40-01-2000		Reverse Activated Alarm With Momentary Auto Reset Switch ECCO #575 Alarm.
1	40-01-5000		<p>Super Auto Eject Shoreline - 20 Amp Specify Location: Above D-2 Specify Inlet Cover Color: White (Red/White/Yellow/Gray) SPECIAL NOTE ABOUT 115 VOLT CURRENT DRAW (AMPS) This Unit Has A 20 Amp Shoreline Inlet That At A Capacity Rating Of 125% Has A Maximum Amperage Load Of 16 Amps. This Unit As Ordered Has A Total 115 Volt Amp Draw Of ** Amps This Leaves A Reserve Of ** Amps For Interior Outlets. This DOES NOT Include Any Customer/Dealer Installed Equipment.</p>
1	40-01-6000		<p>Super Auto Eject Shoreline - 30 Amp (Version II Inlet) Includes Yellow Inlet Cover ONLY. Specify Location: Above D-2, next to 20 amp shoreline, for HVAC only</p>

QTY	PART NO	S	DESCRIPTION
			SPECIAL NOTE ABOUT 125 VOLT CURRENT DRAW (AMPS) This Unit Has A 30 Amp Shoreline Inlet That At A Capacity Rating Of 125% Has A Maximum Amperage Load Of 24 Amps. This Unit As Ordered Has A Total 125 Volt Amp Draw Of ** Amps. This Leaves A Reserve Of ** Amps For Interior Outlets. This DOES NOT Include Any Customer/Dealer Installed Equipment.
1	40-01-6900		**FACTORY USE ONLY** Shoreline Inlet Adapter Plug Present.
1	40-02-3500		Vanner LCS12-1100 1000W Inverter With Display Includes 55 Amp Battery Charger Specify Remote Charger Display Location: Specify Remote Inverter Display Location: Installing Displays on any part of the exterior of the unit, Voids all Warranty issues from Vann & Life Line.
1	40-03-0000		Action Area Dual 2.4 amp USB Charger And 20 amp 12v Outlet Full Time Hot Circuit.
1	40-03-2000		R.F.S. Cabinet Dual 2.4 amp USB Charger And 20 amp 12v Outlet Mounted In The Lower Section On Wall #1 Full Time Hot Circuit.
4	40-03-5500	S	Add 12 Volt Power Outlet (Ea) Full Time Hot Circuit. Specify Location: One (1) Action Area, close to standard Two (2) on wall over head of squad bench cabinet One (1) D3 Compartment (location TBD)
1	40-03-6000		Action Area 125 Volt Standard Style Hospital Grade Outlet
1	40-03-7000		R.F.S. Cabinet 125 Volt Standard Style Hospital Grade Outlet Mounted in The Lower Section On Wall #1.
5	40-03-8500		Add 125 Volt Standard Style Hospital Grade Outlet (Ea) Specify Location: (1) Action Area next to standard, two (2) curbside wall over head of squad bench cabinet, two (2) LFO Cabinet All Cab Floor Requested Installs will Include Weatherproof Cover, Unless Otherwise Specified.
1	40-04-4000		Power Door Locks For Side Entry & Rear Entry Doors
1	40-04-6000		Hidden Switch In Rear License Plate Housing (Unlock Only) Unlocks Cab & Module For Dodge, G-Series & Freightliner Unlocks Modules Only For E & F Series Unlocks Cab & Module For International When Cab is Running Only
2	40-04-7000		Interior Body Switch For Power Door Locks (Ea) Specify Location: (1) Right rear entry door, (1) Front wall next to side scene and check out light switches

QTY	PART NO	S	DESCRIPTION
			Unlocks Cab & Module For Dodge, G-Series & Freightliner Unlocks Modules Only For E & F Series Unlocks Cab & Module For International When Cab is Running Only
1	40-06-4105		Rostra Rear View Mirror Mounted 7.3" LCD Mirror/ Monitor/Camera (1) Camera Is Surface Mounted Above The Rear Doors. (Set The Camera Up For Back-Up Mode). MANUFACTURER WARRANTY ONLY APPLIES
1			***INTERIOR LIGHTING***
1	45-01-0000		Oxygen Compartment Light
1	45-01-0500		Side Entry Door Stepwell 3" Round LED Light Whelen 3" Round Super-LED Surface Mounted
1	45-01-1500		8 Ceiling Lights TecNiq 8" LED Neutral White Frosted Dome With White Trim 4-Streetside 4-Curbside TecNiq# E08-LW00-1
1	45-01-3000		TecNiq LED Action Area Light E32-L00S-1 14" Light
1	45-01-4600	S	TecNiq LED Light over head of squad bench cabinet countertop E32-L00S-1 14" Light
1	45-02-3000		Brake Light Mounted On The Rear Head Cushion (Ea) Mount In The Center Section Of The Rear Head Cushion. ("OS" Series Red LED).
1	45-02-4000		Rear Turn Lights Mounted On The Rear Head Cushion (Pr) Mounted On Each Side Of The Rear Head Cushion. ("OS" Series Amber LED).
1	45-02-4516	S	Blue LED Strip Lighting By Vista at Floor Base On Both Walls (2) E22190 (4) SA-PROF-FLEX-AL-73 (2) SA-PROF-FLEX-AL-ENDCAP This is a Blue light option only Install Strip Lighting On Both Base Walls Just Above The Floor Roll Up. This Will Require 3/4" Face Base Boards ILOS 1/2"
			NO DIMMER SWITCH!!! Control by single on/off switch, "AISLE LIGHTING" Can be programmed to touchscreen.
			(1) E99-D002-1 Install Slide Dimmer Switch Action Area Wall Under Switch Panel Unless Otherwise Specified This Will Be The Only Switch That Controls These Lights.
1			***EXTERIOR LIGHTING***

QTY	PART NO	S	DESCRIPTION
1	50-01-0000		Whelen 600 Series "LED" Stop/Tail Lights (Pr) Use Whelen #60BTT Lights (Meets SAE Requirements). Mounted Above The Rear Kick Plate.
1	50-01-6000		Whelen 600 Series "LED" Populated Amber Turn Lights (Pr) Mounted Above The Rear 600 Series LED Stop/Tail Lights. Programmed to Flash Sequentially In The Direction Of The Arrow.
1	50-02-9000		C.P.I. License Plate Housing
1	50-02-9520		Whelen 600 Series "LED" Minimum-Populated Back-Up Lights (Pr) Mounted Above The Rear Turn Lights Unless Otherwise Specified. Model # 60C00VCR
1	50-03-2100		Two Reverse Activated Whelen 900 "LED" Rear Load Lights 24 Diode #9SC0ENZR Lights.
1	50-03-5600		Whelen 900 "LED" Side Scene Lights (Two Each Side) 24 Diode #9SC0ENZR Lights.
1	50-03-9000		Right Side Scene Lights On With Open Side Entry Door
3	50-04-5510		3" Round Super-LED Surface Mounted Compartment Door Flashing Light (Ea) Specify Location(s): side entry door, lower outside corner rear entry door: Lower outside corner Part # 3SA00FCR Specify LED & Lens Color: Amber w/clear lens RED, BLUE, or AMBER
1	50-04-7500		Federal Commander COM1 "LED" ICC Marker Lights COM1MC-A=Amber COM1MC-R=Red
1	50-04-8000		Innovative Lighting Slimline Rear DOT/Brake Light Mounted Above The Rear Doors. Mounted Above The Drip Rail Unless Otherwise Specified. Mid Sections To Be Wired Thru The Brake Light Circuit.
1	50-04-8100		Innovative Lighting Slimline Front DOT Light Mounted Above The Drip Rail Unless Otherwise Specified.
1	50-04-8410		FIRETECH Minibrow Single Stack Trunnion Mount Scene Light Install A FIRETECH Minibrow Single Stack Trunnion Mounting Kit Scene Light On The Front Of The AC Condenser On The Front Wall. Part #FT-MB-18-TR-FT-W Specify Switch Location: Console Touchscreen
1			***RADIO PROVISIONS AND AIR HORNS*** Pricing does not include installation of customer supplied radio equipment unless otherwise stated. All customer supplied radio equipment must be received at Life Line prior to construction start date.
1	55-01-8500		KE-794 Antenna Base With Coax Specify Termination Location: console in cab

QTY	PART NO	S	DESCRIPTION
			(1) Front Module Roof To The console in cab Coll, Zip Tie & Tag Include rain caps on all module roof antenna bases
2	55-02-1100		Install Customer Supplied Module Roof Antenna(Ea) Specify Termination Location: (1) Action Area - Radio. (1) Auxiliary Electrical Cabinet - Sierra Wireless Coll, Zip Tie & Tag
2	55-02-5700		Radio Pre-Wire Power And Ground Over 20 AMP (Ea) Full Time Power And Ground And Battery On (Ignition On) Circuits. Butt Splice Termination Points. Specify Termination Location: (1) Console In Cab for communications radio (1) Action Area for communications radio Specify What Amperage Is Needed. Coll, Zip Tie & Tag
3	55-CS-0300		Install Dealer Supplied Radio Heads (Ea) Specify Location(s): Console - com radio Action Area - Com radio Auxiliary Electrical Panel - Sierra Wireless
1			***SIRENS AND EMERGENCY LIGHTING***
1	60-01-2000		Federal EQ2B Electronic Siren System ILOS PENDING AVAILABILITY ON SOME CHASSIS MODELS. Includes EQ2B-FM Flush Mount Control Head CANNOT Use The Whelen Howler With The EQ2B Siren As Federal And Whelen Are Not Compatible.
2	60-01-7020		Federal Signal BP200 Thru Bumper Siren Speakers (Ea)
1	60-01-7710		Federal Rumbler Low Frequency Siren Specify Switch Style: Button or Rocker TBD
1	60-01-9000		4 Whelen 900 Super "LED" Side Module Warning Lights Part #90RR5FCR Red with clear lenses Mount The Side Lights Inline. Model # ILOS: Specify KKK Or Comet Flash Pattern: comet REQUIRES EXTERNAL FLASHER. NON KKK PATTERNS REQUIRE AUX FLASHERS (#60-11-40).
1	60-02-5000		Delete The 2 Standard Front Module Warning Lights (Credit)
1	60-02-8100		Delete The Standard Center Front Module Warning Light (Credit)
1	60-02-9500		2 Whelen 900 Super "LED" Rear Module Warning Lights #90RR5FCR With Clear Lens Specify KKK Or Comet Flash Pattern: Comet REQUIRES EXTERNAL FLASHER. NON KKK PATTERNS REQUIRE AUX FLASHERS (#60-11-40).

QTY	PART NO	S	DESCRIPTION
1	60-03-3000		1 Whelen 900 Super "LED" Center Rear Warning Light Part #90AA5FCR Amber w/Clear Lens Specify KKK Or Comet Flash Pattern: Comet
1	60-04-4610		Emergency Lights On In Reverse Specify which Button on the touch screen or flasher circuit is to be activated.
2	60-04-5400		2 Whelen 500 TIR6 Super "LED" Grille Lights Part #50RC3ZCR Red/White w Clear Lense Red outboard, x pattern alternating Specify KKK Or Comet Flash Pattern: Comet F-Series Requires: CPI # LH52619-1 LL# F04102 CPI # LH52620-1 LL# F04103
1	60-05-2700		2 Whelen 700 "LED" Split Color, W/R Intersection Lights Part #70RC6FCR Specify KKK Or Comet Flash Pattern: INCLUDES INTERNAL FLASHER
1	60-06-6000		2 Whelen 700 Super "LED" Rear Wheel Well Lights Specify Whelen Light Number 70R02FCR: Specify KKK Or Comet Flash Pattern: Comet NON KKK PATTERNS MAY REQUIRE AUX FLASHERS (#60-11-40).
1	60-07-1510		7 Whelen 900 Super "LED" Front Module Warning Lights Clear Lens Specify Whelen Part #: Four (4) 90RR5FCR, Three (3) 90CC5FCR left to right: R,W,R,W,R,W,R Steady (SMART) Flash Unless Otherwise Spec'fied Specify KKK Or Comet Flash Pattern: Comet REQUIRES EXTERNAL FLASHER. NON KKK PATTERNS REQUIRE AUX FLASHERS (#60-11-40).
2	60-10-0000		Whelen 700 Red Or Amber Or Blue Super "LED" Light (Ea) Specify Location: one (1) each rear door tied to brake light function Specify Whelen Light Number: 70R02FCR Red with clear lense Specify KKK Or Comet Flash Pattern: brake light function only NON KKK PATTERNS MAY REQUIRE AUX FLASHERS (#60-11-40).
1	60-10-0130		Rear Window Level Whelen 900 Red Or Amber Or Blue Or Clear Super "LED" Lights(2) Specify Whelen Light Number:90RR5FCR Specify KKK Or Comet Flash Pattern: comet NON KKK PATTERNS MAY REQUIRE AUX FLASHERS (#60-11-40).

QTY	PART NO	S	DESCRIPTION
6	60-10-2000		Whelen 900 Red/Amber/Blue or Clear Super "LED" Light (Ea) Specify Location: Two (2) each side, Two (2) rear top wall Specify Whelen Light Number: 90RR5FCR Specify KKK Or Comet Flash Pattern: comet NON KKK PATTERNS MAY REQUIRE AUX FLASHERS (#60-11-40).
1			***PATIENT COMPARTMENT***
1	65-00-0100		Standard Solid Surface Construction Interior Cabinets
1	65-00-9900		SPECIAL NOTE TO DEALER Custom Cabinet Options/Designs Not Listed In The Published Options List MAY Result In Additional Charges.
1	65-01-2000		Standard Smooth Headliner
1	65-01-3000		1/4" Clear Polycarbonate Sliding Doors On Cabinets Includes Brushed Finish Interior Trim.
1	65-02-2240		"Dealer/Customer Supplied Package" Stryker Power or Performance Load System Power Load Will Be Center Mount Unless Otherwise Specified Includes: Floor Structure - Tapping Blocks Includes Life Line Supplied Power & Performance Load Floor Plate Kit #6390-700-001 (Needs to Include Track Cover) Wire with 10 Gauge Power and Ground with a 15 Amp Circuit Breaker Powered by Shoreline or Battery on Power. The Power And Ground Is Run To Inside The Track, Or Torolley Supplied. Complete 6390 Power or 6392 Performance Load System Installed Be sure to leave main power switch in the off position. Will Be Center Mount Unless Otherwise Specified Does NOT include cot. Includes Std. Life Line Push Rail Floor Mount Stryker Part# 6360-030-11 LL#F09042 Does Not Include Push Rail
1	65-02-8000	S	L.R.O. Cabinet With Speed Load Door With Positive Lock Feature. To include [1] Adjustable PVC shelf
1	65-03-7500		L.F.O. Cabinet With Speed Load Door With Positive Lock Feature. To include [1] PVC shelf.
1	65-04-2100	S	Left Rear Base Cabinet W/Side Hinged Heavy Polycarbonate Doors Double Side Hinged Solid HD FULL Polycarbonate Doors with M1 Latches. Includes (2) Adjustable shelves
1	65-04-6600		Delete Standard Telemetry Area Cabinet
1	65-04-7000		Lower Telemetry Area Cabinet With Sliding Polycarbonate Door
1	65-05-0200		Delete Standard Action Area Cabinet (Factory Use) Deleted Due To Custom Cabinet Design ILOS.

QTY	PART NO	S	DESCRIPTION
1	65-05-2100		Delete Standard Lower Action Area Cabinet (Factory Use) Deleted Due To Custom Compartment Or Cabinet Design ILOS.
1	65-05-2500		Action Area Tip-Out Trash Cabinet LL# F18152
1	65-05-4000		Side Facing CPR Seat w/Contoured Ergo Backrest & 4-Point Seat Belt Includes Black IMMI 4-Point Seat Belt
1	65-05-8515		EVS 1880S4B VAC Child Rear Facing Seat w/PRO4 Harness On Pedestal/Swivel Specify Medi-VAC Color. TBD #188050 Seamless EVS Seat. Requires EVS Provided Pedestal Base For Compliance. Includes Intertek PRO4 black belting system with comfort pads. Question: Will there be an O2 Bottle Attached to the Head of the Cot? Requires Lower Streetside Aisle Cabinet And Bulkhead Wall Cabinet For Overflow Electrical Equipment.
1	65-05-9501		Additional EVS Attendant Seat With Short Swivel Base (Ea) EVS 1882 Seat with Pro 4 Seatbelt With 5B-8S Short Swivel Base Specify Location: Curbside mounted to sliding track
2	65-05-9795	S	Delete Contoured Ergo Backrest/IMMI 4 Point Seatbelt (Ea) Curbside Bench Seat ONLY
1	65-06-0605		Valor 36" Slide Track System For Side Seating(Ea) Specify Location: Curbside between workstations
1	65-06-3000		Streetside Aisle Electrical Cabinet And Door
1	65-07-2010		Delete Right Front Upper ALS Cabinet
1	65-07-5010		Delete Right Front Lower ALS Cabinet
1	65-07-8010	S	Full Height ALS Cabinet With "ROM" Series 4 Door NOT AVAILABLE ON ALL MODELS/CALL FACTORY FIRST COIL STYLE WHICH REQUIRES UPPER COMPARTMENT SPACE Interior door for P2 Door Forward Module Design Aisle side of head of squad bench ALS cabinet Dimensions TBD
1	65-08-3600		Superliner Head Of Squad Bench Work Cabinet INCLUDES CORIAN COUNTER TOP Two (2) drawers opening towards sliding seat Two (2) adjustable shelves (25-04-5500)
1	65-08-6500	S	Cabinet At The Foot End Of The Squad Bench DOES NOT INCLUDE CORIAN COUNTER TOP IF THIS IS A LOWER CABINET Foot end of squad bench cabinet

QTY	PART NO	S	DESCRIPTION
			rear of sliding seat position Two (2) drawers opening forward into sliding attendant seat. Add Countertop of cabinet
1	65-09-2510		Two Section Bandage Cabinet W/Top Hinged Heavy Polycarbonate Doors Specify Cabinet Depth:
2	65-09-6010	S	CPI Latching Single Glove Box Holder w/Clear Lid In rear entry door kick plate Recessed Storage Box With Top Hinged Clear Latching Plexiglass Door. Specify Location: lower panel or rear entry door One (1) per door
2	65-09-6050	S	CPI Latching Double Glove Box Holder w/Clear Lid In Cushion Area Above Doors(Ea) Recessed Storage Box With Top Hinged Clear Latching Plexiglass Door. Specify Location: front wall. exact position TBD
1	65-09-8500		100" Long Formed Streetside Ceiling Grab Rail
1	65-09-9500		100" Long Formed Curbside Ceiling Grab Rail
3	65-10-1500	S	Formed "L" Door Assist Rails Mounted Inverted Side Entry Door Left and Right Rear Entry Doors
1	65-10-2000		Formed Assist Rail At The Head End Of The Squad Bench 12" Rail
1	65-10-2500		Formed Assist Rail On The Left Rear Wall 12" Assist Rail Is Std. Size.
1	65-10-5000		Two C.P.I. #IV2008 Rubber Recessed IV Brackets Mounted In The Mid/Rear Cot Position.
1	65-10-9000	S	Southco M1 Stainless Cabinet Latches 65-11-3000 Install Southco M1 latches on all drawers
6	65-11-3000		Cabinet Drawer (Ea) Specify Cabinet Location: Two (2)Aft of CPR, below telemetry countertop, opening toward aisle. Southco latches installed
			Two (2) foot of squad bench cabinet, with countertop, opening forward towards sliding curbside seat.
			Two (2) head of squad bench cabinet with countertop, opening rearward towards the sliding curbside seat.
1	65-12-2800		Intellitec Clock/Time Manager Mounted In Rear Head Cushion Specify Mounting Location: In rear head cushion
1	65-13-7500		CPR Seat Height Polished Scuff Protector On Left Wall
1	65-14-1000		Squad Bench Height Polished Scuff Protector On Right Wall

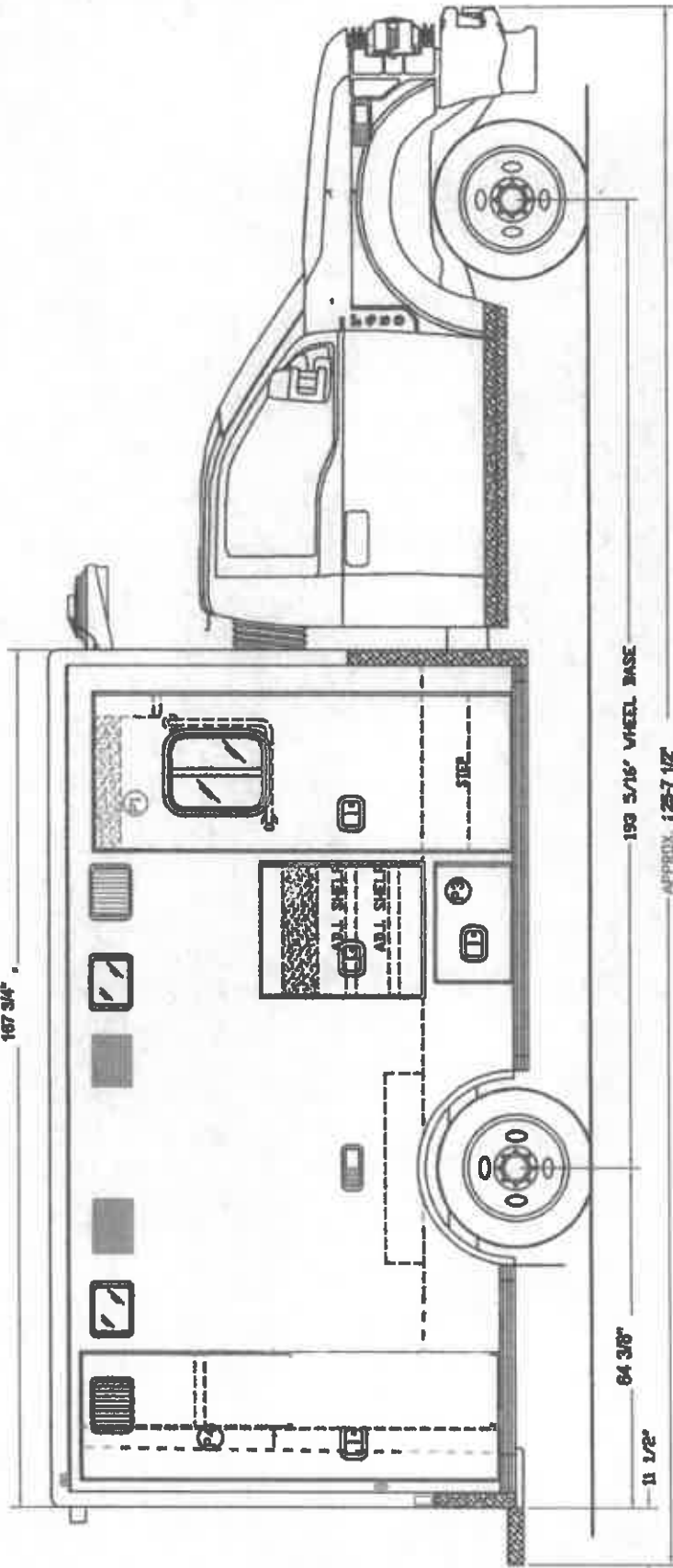
QTY	PART NO	S	DESCRIPTION
3	65-14-3500	S	Add Inventory Control Holes In All Sliding Polycarbonate Doors LFO LRO Left Rear Base Cabinet
1	65-21-0034		Lonseal Floor Selection: Lonplate II #424TX Gunpowder Specify: Rolled Up 4" On Both Sides Unless Otherwise Specified.
1	65-CS-0950	S	Additional Counter Top Colors To Match As Specified
1	65-CS-1000	S	Add Angled Cabinet For The 2nd Rear Switch Panel Mounted At The Head End Of The Squad Bench Below The Bandage Cabinet. (Requires 1 Deep Bandage Cabinet) NOTE TO ENGINEERING: Make as shallow as possible.
1	65-CS-3000		Total Available Seating Positions In this Unit Including Cab, Module And Cot
1			***PATIENT COMPARTMENT ENVIRONMENTAL SYSTEMS***
1	70-01-0000		Static Module Fresh Air Intake Vent
1	70-01-1000		12 Volt Powered Exhaust Fan
1	70-01-2306		Ducted Hose/line Brushless 12v/125v Combo Rear Heat/AC Unit Includes (Requires) Hose/line Specify Electronic Control Module Location: Curbside wall above head of squad bench cabinet Front Wall Mounted Condenser Brushless Blower Motor Condenser Model #TMC2007 Dual Evaporator Model #ACHU1118 **REQUIRES SEPARATE 30 AMP SHORELINE INLET IATS**
1	70-01-2400		Inline Booster Coolant Pump 12 Volt Centrifugal Pump To Boost The Flow Capacity Of The Coolant System.
1	70-01-3500		Move Heat/AC Unit To Over Walk-Thru Area
1	70-01-6000		Yellow Certifoam High Density Insulation Body/Floor/Doors (R-6) GAS CHASSIS' INCLUDE HEAT BARRIER THIS GOES ON THE HEAT SHIELD THAT GOES OVER THE AXLE. THIS ALSO GETS THE THERMO HEAT INSULATION BLANKET ON THE BOTTOM OF THE FLOOR AND GOES FROM THE FRONT OF THE MODULE TO THE FUEL TANK.
1	70-01-8600		Automotive Grade Undercoating Under Module Body
1	70-DL-0100	S	OTE 19520B Specify Custom Option: Life Line Supplied and Installed OTE 19520B Flange Unit, Location TBD
1	70-DL-0200	S	Installation of Aeroclave Outlet Install An Aero Clave Outlet In The Rear Overhead Cushion And Run The Adaptor Hose From The Outlet To Next to the shoreline (ask Remount for clarification and new inlet) For

QTY	PART NO	S	DESCRIPTION
			Customer To Connect To.
			Also to be ordered is:
			15' red hose & 15' blue hose w/ adapters.
			1A-169-05
			1A-169-07
1			***OXYGEN SYSTEM***
1	75-01-0000		Ohio Style Action Area Oxygen Outlet
1	75-01-2000		Ohio Style Ceiling Mounted Oxygen Outlet
1	75-01-4000		Ohio Style Right Wall Mounted Oxygen Outlet
1	75-01-8000		Interior Oxygen Access/Viewing Door
			ACCESS DOOR WILL BE POLYCARBONATE FRAMED DOOR UNLESS OTHERWISE SPECIFIED.
1	75-02-3500		ZICO "OTS System" Electric Oxygen Lift Bracket
			Includes (3) Ratchet Straps.
			Specify Bracket Location: D-1
			Specify Tank Size:
			Specify Aluminum Or Steel Tank:
2	75-03-3010		ZICO Model QR-D-2 Quick Release Strapless Portable Oxygen Tank Bracket
			Specify Location: TBD
1			***SUCTION SYSTEM***
1	80-01-0000		12 Volt Gast Suction Pump Controlled By Switch on Switch Panel
1	80-01-1500		1 Ohio Style Action Area Suction Outlet
			Includes Disconnect For Outlet
			Hose Barb Must Fit The Suction Hose
1	80-01-7500		SSCOR 22000 Suction Unit W/23002 Disposable Trap Set
			Includes Flush Mounted Action Area Panel And Disposable Trap Set.
1			***PAINT***
1	85-00-0100		Standard AkzoNobel Paint Process
			Includes 6 Year Pro-Rated LL Paint Warranty.
1	85-00-0500		O.E.M. White Chassis Color
			Ship Loose Tube Of O.E.M. White Touch-Up Paint With The Unit.
1	85-01-1000		O.E.M. White Module Body Color
			Touch-Up Paint Is Included For Colored Module Body Stripes.
1	85-02-9500		Do Not Paint The Nader Pins/Install After Paint Process
1	85-02-9710		Shoreline Cover Plate To Be Painted To Match Module
1	85-03-0000		Standard 1/4" Black Reflective Edge Pinstripe
28	85-03-4100		3" Scotchlite Striping (Per Foot)
			Specify Color And Location: White 682CR-10

QTY	PART NO	S	DESCRIPTION
			At bottom of each side of module above the impact crash rail
3	85-04-1000	S	Lower Door Panel Chevron (Inner Door Panel) (Ea) Requires Smooth Aluminum Door Panels ILOS. SPECIFY WIDTH AND COLOR OF STRIPES: P1, R1, R2 Lower Kick Panel ONLY Orange/White
1			***EMBLEMS AND DECALS***
1	90-01-0500		Install Roof "SOL" Decal Only (Delete All Other Decals)
1	90-01-1100		"NO SMOKING" - "FASTEN SEAT BELT" Decals 1-Installed In The Cab. 1-Installed In The Module.
1	90-01-1200		No Other Decals or Lettering Included Unless Specified Below
1	90-01-5100		Install 3/4" White Reflective Tape Around Side And Rear Entry Doors KKK-F Certification Requirement.
1	90-DL-0100	S	Rowan Graphics Design Type III Specify Custom Option:
1			***END OF QUOTE/PRODUCTION ORDER***
1	95-SP-0100		1 Original & 1 Revision Work Order Before Penalty Pricing 1 Original Draft & 1 Revision Draft Work Order Before Penalty Pricing. The Revision Rate Is \$130.00 Per Hour With 1 Hour Minimum Charge.
1	95-SP-0200		1 Original & 1 Revision Drawing Before Penalty Pricing 1 Original Draft & 1 Revision Draft Drawing Before Penalty Pricing. The Revision Rate Is \$130.00 Per Hour With 1 Hour Minimum Charge.
1	95-SP-0600		Change After Sign-Off (Published Price + 50%)
1	95-SP-0700		Change After Production Start (Published Price + 75%)
1	95-SP-0800		Change After Production Completion (Published Price + 100%)
1	95-SP-0850		Life Line Indemnification Statement The purchaser agrees to defend, indemnify and hold Life Line harmless from any claims costs (including actual attorneys' fees), damages and liabilities caused in whole or in part by alteration or modification of, or changes or additions to the purchased products or use of product purposes it was not designed or intended for.
1			***SIGNATURE-LIFE LINE EMERGENCY VEHICLES*** This Is A Contract Between Life Line Emergency Vehicles And The Franchised Distributor Entering The Order. No Agreements Verbal Or Written Arrived At Between The Selling Distributor And The Purchasing Agency Not Listed On This Order Are Binding Upon Life Line Emergency Vehicles.
			THE VEHICLE IS BUILT TO THIS PRODUCTION ORDER. IT IS THE

NOT TO SCALE*

167 3/4"



190 5/16" WHEEL BASE

64 3/8"

11 1/2"

APPROX. 125-7 1/2"

CURB SIDE

CONFL.		INTERIOR HEIGHT	PASS THRU HEIGHT	INTERIOR WIDTH	PASS THRU WIDTH	DEPTH	DESCRIPTION	DRAWING NO.
P1	72 1/4"	58"	52 1/2"	31 1/2"	27"	—	SIDE ENTRY DOOR	4311-S1E
P2	58"	58"	52"	28 1/4"	22"	20 1/4"	ISO'S STORAGE	DRAWN BY: GM
P3	15"	14"	14"	23 1/2"	22"	19 1/4"	BATTERY COMPARTMENT	DATED:
P4	83 1/2"	83 1/2"	83 1/2"	21"	16 1/2"	20 7/8"	BRISTAR CHAIR STORAGE	SCALE: 1"=2'
NOTE:		REFERENCE						
FOR DRAWING APPROVAL		1						
APPROVED BY:								
TITLE:								
DATE:								

Life Line
EMERGENCY VEHICLES

1 Life Line Dr.
Pomona, CA 90671

2 P.O. Box 288
Pomona, CA 90671


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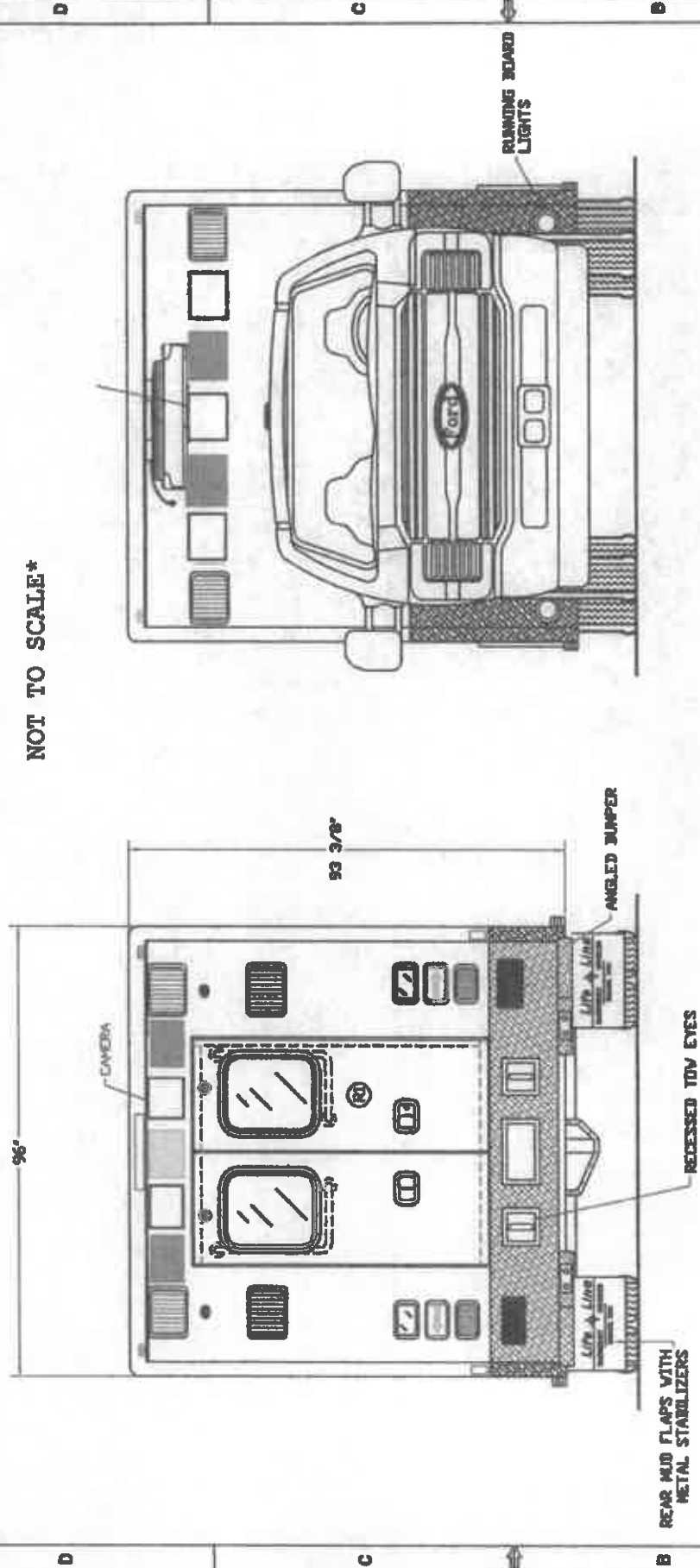
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SHORELINE TOW INDICATOR LIGHT
20 AMP SUPER AUTO EJECT SHORELINE

30 Amp Shoreline

STREET SIDE

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DRAWING NO: 4311-SIE DRAWN BY: GM DATE: 11-30-88 SCALE: 1"=3'		EMERGENCY 1 2450 2450 St. Somerset, NJ 08874	
COMPT. INTERIOR HEIGHT PASS-THRU INTERIOR WIDTH PASS-THRU WIDTH DEPTH DESCRIPTION D1 63 1/2" 67 1/2" 19 1/2" 13" 16 3/4" O2 STORAGE D2 43" 42" 42 1/2" 35" 19 1/4" STORAGE D3 63 1/2" 64 1/2" 33 1/2" 25" 19 1/4" STORAGE		NOTE: SHIP SPARE TIRE LOOSE FOR DRIVING APPROVAL APPROVED BY: _____ TITLE: _____ DATE: _____	



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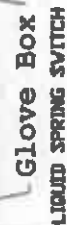
FRONT

REAR

HIDDEN SWITCH FOR
POWER DOOR LOCKS
(UNLCK ONLY)

		EMERGENCY VEHICLES 1 115th Blvd. Dr. Houston, TX 77074 P.O. Box 209 Houston, TX 77074	
DRAWING NO. 4311-S1E		DRAWN BY: GM DATE: _____ SCALE: 1"=12" REFERENCE: _____	
CRAFT R1	INTERIOR HEIGHT 72 1/4"	PASS-THRU HEIGHT 60"	INTERIOR WIDTH 86 3/4"
			PASS-THRU WIDTH 46"
			DEPTH —
			DESCRIPTION REAR ENTRANCE
FOR DRAWING APPROVAL APPROVED BY: _____ TITLE: _____ DATE: _____			

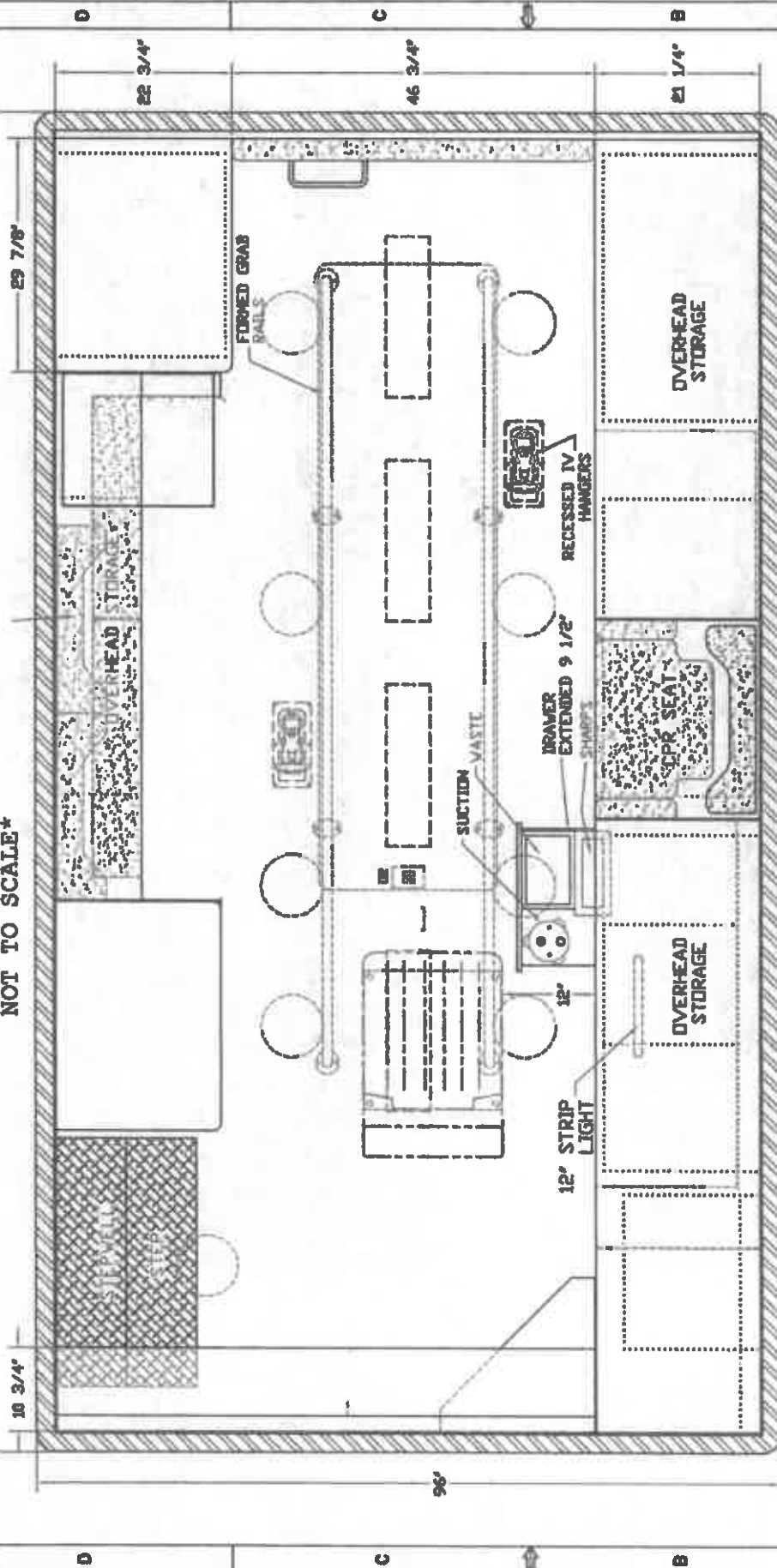
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REAR VIEW

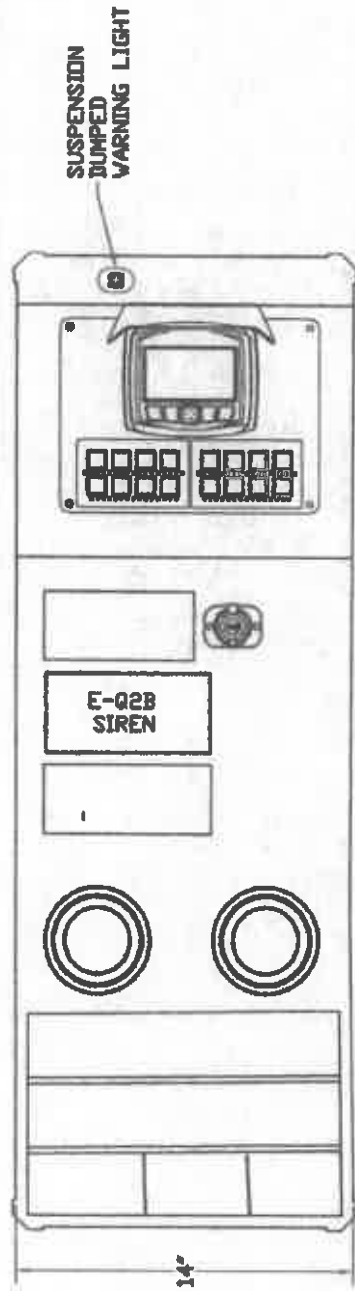
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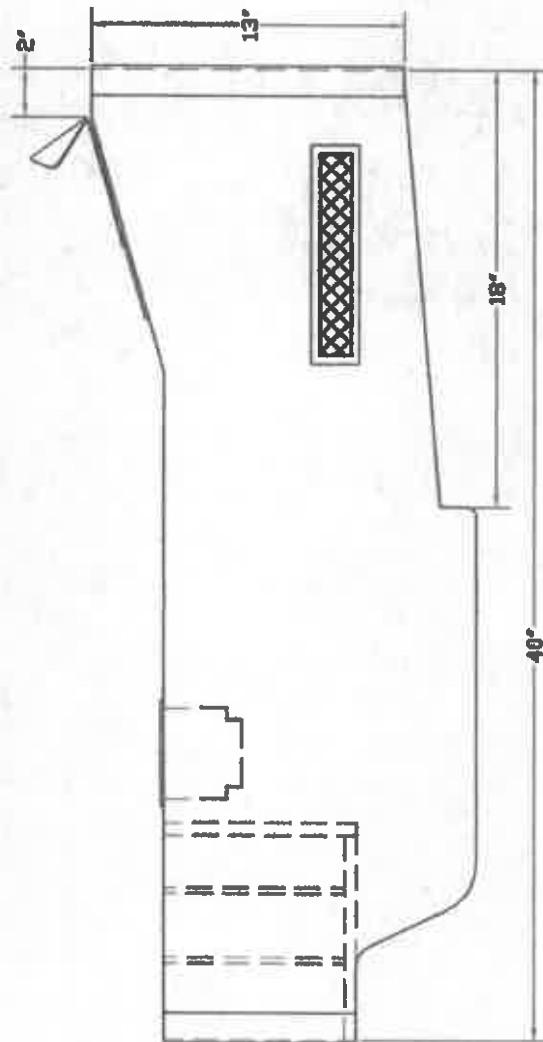
OVERHEAD VIEW

		EMERGENCY VEHICLES 1 514th Main St. Orem, UT 84054 P.O. Box 299 Orem, UT 84054		THIS DRAWING IS THE PROPERTY OF LIFE 30 LINE. IT IS TO BE USED ONLY FOR THE PROJECTS AND LOCATIONS SPECIFICALLY LISTED IN THE DRAWING. IT IS NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN PERMISSION OF LIFE 30 LINE.	
DRAWING NO. 4311-S11		DRAWN BY: GM		DATE: 1-19-97	
SCALE: 1"=19.5"		REVISIONS: 1		APPROVED BY: _____ TITLE: _____ DATE: _____	
CABINET	INTERIOR HEIGHT	INTERIOR WIDTH	INTERIOR DEPTH	DESCRIPTION	DOOR STYLE



Glove Box
in rear

Notebook
Slots
Forward



DRAWING
NO: 4311-CON
DRAWN BY: GM
DATE:
SCALE:
REVISIONS:

Life 30 Line
EMERGENCY VEHICLES

P.O. Box 288
Pomona, CA 92674

1 24th Main St.
Pomona, CA 92674

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DATE:

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FOR DRAWING APPROVAL

APPROVED BY:

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DATE:

American Made... 100% Employee Owned!

Life Line
EMERGENCY
VEHICLES



Saving Lives... Keeping Lives Safe.



Finite Element Analysis (FEA)

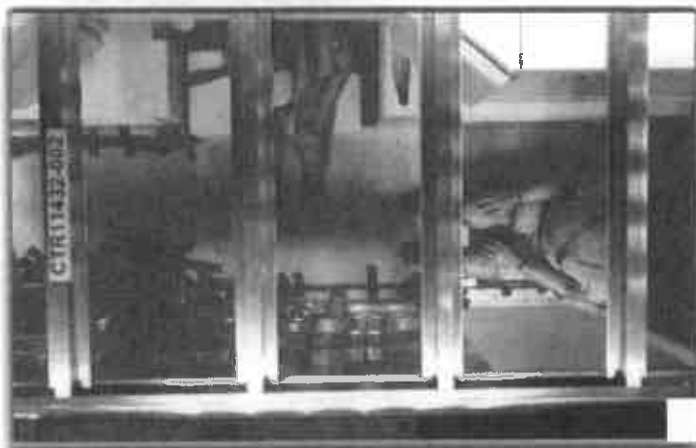
A computer simulation outlining the Restraint System's accomplishments to verify the safety of the Occupant in impact conditions.

Finite element analysis is able to account for the custom design of each ambulance and predicts the behavior of the vehicle in impact conditions, including broadside collisions.

First responders need absolute confidence in their ambulances and Life Line delivers.

Life Line was one of the original ambulance manufacturers in the United States to submit vehicles for testing, and our commitment to safety is as strong as ever and has never wavered.

With the assistance of third party testing facilities, engineers simulate thousands of situations as well as actual crash testing to prove the crashworthiness of our structural & safety features. As a result of this involvement, Life Line became an active member of AMD, as well as one of the first 12 manufacturers to be Ford QVM certified.



"5" S.T.A.R. Logic

Our "5" Star Logic is a method that Life Line has cultivated & refined over years of testing and is what we use to this day.

S = Simulation

T = Testing

A = Actual

R = Real

In 2004 we used this logic in developing our IMS (It Means Safety) design. With a Street Squad Bench and a Curbside Attendant just,

strategically placed cabinets for equipment storage as ease of access without having to unbuckle and stand up.

It inspired us to partner with NIOSH in 2010 to establish and set the SAE Standard for Side Impact Crash Testing. Then most recently it assisted us with the SAE J3026 Patient Compartment Seating Integrity and Occupant Restraint System testing to develop what we now call today... Our "F.A.C.T.S." System, which is standard on all Life Line models.

What is F.A.C.T.S...



Four-Point Safety Restraint System
Auxiliary Horizontal Aluminum Bracing
Contoured Ergo Back Rest
Tactically Placed Head & Hip Cushions
Steel Reinforcement



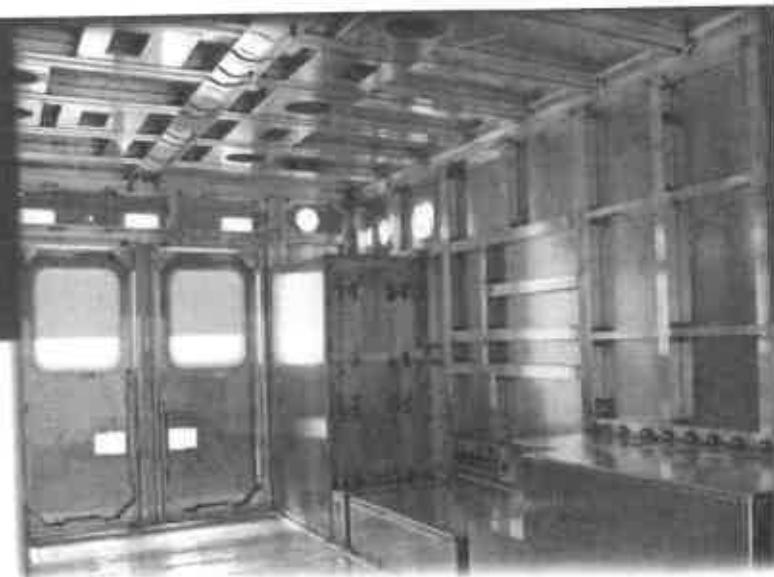
The BENEFITS of F.A.C.T.S.

1. Body Neutral Versatility, Ease of Use, with One Hand Operation
2. A Dedicated Substructure with-in the vehicle that validates the system remains anchored
3. "Inertia Interrupter" Designed to displace force by redirecting the impact energy
4. Assists in the protection of the occupant by absorbing energy of the impact
5. Ensures Steadfast Placement of the back rest

There's nothing like an ambulance from Life Line because each and every Life Line ambulance is an original.

Each one of our emergency vehicles is handcrafted at its own workstation. This allows the dedicated team to take the necessary time to faithfully execute on the custom design of your ambulance without the pressure of a moving production line.

Our construction process complements old school craftsmanship with cutting edge technology, because safe ambulances save lives.



Stronger on Every Side!



**SURFACE VEHICLE RECOMMENDED PRACTICE
J3057™ Issued 2017-02**

Ambulance Modular Body Evaluation-Quasi-Static Loading for Type I and Type III Modular Ambulance Bodies

At the completion of this extensive testing on our module, it was demonstrated that our Life Line proprietary corner & roof extrusions and overall structural design duly performed their duties by absorbing or deferring the force and energy, thus confirming our forecasted protective construction in design.

Life Line Emergency Vehicles is registered and authorized to certify vehicles that we produce as GVS compliant, verifying the vehicle's components, performance and equipment meet or exceed all the requirements and tests set forth in the standard



The results & outcome of this testing that took place at CAPE, a third party testing facility located in Westfield, IN, this SAE Certification was granted to us by CAAS. The Commission Accreditation of Ambulance Services (CAAS), as well as the Ambulance Standard sole objective is to best serve the patient and first responders by providing ambulances that are safe, nationally recognized, properly constructed and easy to maintain.

We count on first responders during the most crucial moments of our lives and first responders count on Life Line...



Cover Story

However, you don't have to take our word for it...Just ask

Sparky & Monica Warner, EMTs for Elgin-Beaverdam Hose Co. of Erie County, PA.

It was a bad day for Elgin-Beaverdam when our Life Line ambulance was involved in an accident resulting in a rollover. To our surprise, the module had only minimal damage and all entry & compartment doors remained operational. After all inspections concluded it proved to be in great shape and was remounted onto a new chassis, then back in service in a few short months.

The quality of our Life Line ambulance is outstanding, in the future when we need a new ambulance... we will not hesitate to purchase another Life Line."

REMOVED

Your First Response in Safety.



Life Line Emergency Vehicles in collaboration with National Institute of Occupational Safety and Health (NIOSH) and MGA Research Corporation, Milwaukee, Wisconsin, conducted testing that meets the requirements of the "Insurance Institute for Highway Safety Side Impact Crashworthiness Evaluation, Crash Test Protocol, Version V, dated May 2008".

This testing was done to their requirements to collect response data from each vehicle to assist us in the development of the proposed SAE recommended practice document. This data was submitted to SAE and it is now the recommended standard for the ambulance industry.

It just goes to prove that Life Line doesn't just meet or exceed a standard...we set them!

Setting the Standard for SAE Side Impact Testing



Life Line Emergency Vehicles builds the best ambulances in the nation, it all starts in Sumner, Iowa. We've remained committed to the community for more than 30 years and small town values have shaped the way we do things. Life Line is 100% employee owned because we believe that everyone should be invested in the quality and success of our work.

It's that dedication and attitude that make Life Line unlike any other. Our employee-owners inspire each other through work ethic and the production floor is a place for collaborative innovation.

We will never forget where we come from...and you won't, either. **See your Life Line Dealer today!**

All testing current thru Change Notice 10.



P.O. Box 299 • Sumner, IA 50674 • www.lifelineambulance.com
800-922-7477 • 563-578-3305 (fax)

TYPE I



LIFE LINE
EMERGENCY VEHICLES



911 Martin Creek Rd. Henderson NC 27537 www.SSVSales.com

The Type I provides all of Life Line's latest innovations of the Paraliner & Superliner with chassis options of a traditional engine-forward configuration.

- Available for the Ford F350, F450, & F550, the Dodge 4500 & 5500 with 2WD or 4WD options
- 147", 152", 167" & 171" body lengths with available pass-thru or crawl-thru design
- Finished Headroom choices of 68", 70", 72" & 74"



A few of our Standards that help minimize your down time & keep you safely in service...Life Line features a structural module body roll cage formed from:

- Side Walls constructed of 2 x 2 vertical & 2 x 3 triple hollow vertical extrusions as well as a minimum of (5) 2x2 horizontal extrusions in between those verticals.
- A Ceiling/Roof that consists of a 6" Channel Extrusion we call the "Center Spine" with Hat Channel Extrusions that run 18" on center perpendicular to that center spine.
- Interlocking "V" Joint Floor Extrusion that forms a 2x2 box channel on 10" centers.



Life Line ambulances are designed by EMTs for EMTs. That means you find we pay uncommon attention to the details that make your job safer & easier.



LIFE LINE
EMERGENCY VEHICLES

P.O. Box 299 - Sumner, IA 50674
www.lifelineambulance.com - 563-578-3317
563-578-3305 (fax)



100% Employee Owned...Life Line is relentlessly focused on producing ambulances and providing services that exceed customer expectations. Each Life Line partner is empowered to pursue these goals with pride and professionalism.



Life Line allows you to customize your "office" with a wide range of thoughtful, EMT-designed features:

- | | |
|------------------------------------|--------------------------------------|
| Quick Release Portable O2 Brackets | Positive latch restock cabinets |
| 4-Point Safety Harness Seat System | Interior Cabinet LED Lighting |
| Heart Monitor Brackets | Power or Performance I Systems |
| Powder Coated Grab Rails | Temperature Controlled Drug Cabinets |
| Dual Rear Patient Controls | |

Call or visit us online for more information or to locate your dealer today!

SUPERLINER



LIFE LINE
EMERGENCY VEHICLES

The 167" Body Length & 72" HR Superliner Type III features a Ford E450 Chassis with 158" WB or GM G4500 Chassis with 159" WB.

- Standard configuration includes 21 Interior Cabinets and 7 Exterior Compartments
- Available pass-thru, crawl-thru or walk-thru design
- Optional 158", 167" & 171" body lengths with finished Headroom choices of 68", 70", 72" & 74"



A few of our Standards that help minimize your down time & keep you safely in service...Life Line features a structural module body roll cage that includes:

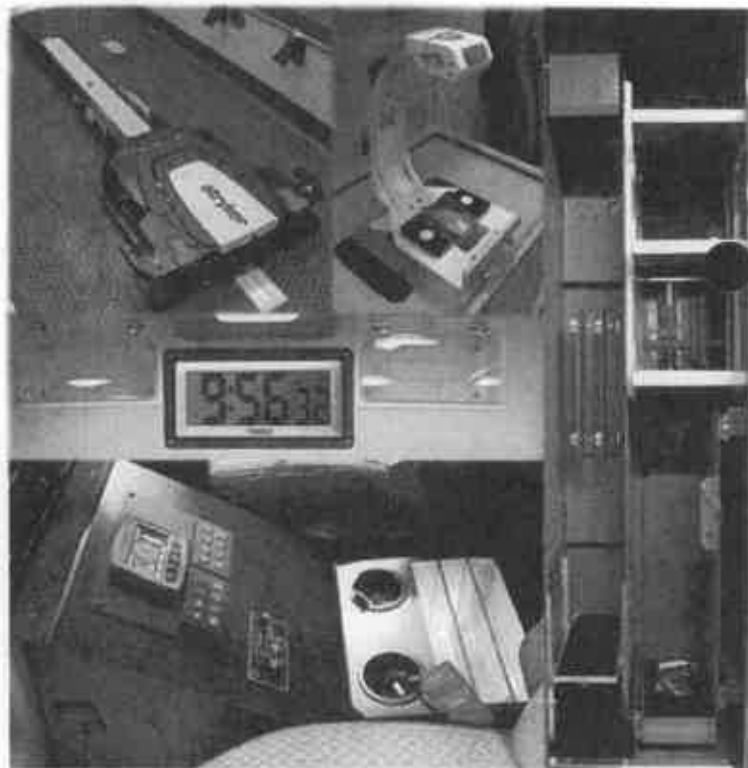
- 2x3 Impact Roll System, designed to absorb impact and minimize module damage.
- Substantial Bank Vault Design, 3" Extruded Aluminum Frame, Pan Wrapped Door Structure with 2x3 Door Jamb construction on all Compartment & Entry Doors.
- Vortex coated exterior compartment walls adding strength, durability & sound proofing qualities.



When an idea comes along that will make your job easier, safer or more efficient, you'll see it in Life Line interiors first.



100% Employee Owned!...Life Line is relentlessly focused on producing ambulances and providing services that exceed customer expectations. Each Life Line partner is empowered to pursue these goals with pride and professionalism.



Life Line allows you to customize your "office" with a wide range of thoughtful, EMT-designed features:

Quick Release Portable O2 Brackets
4-Point Safety Harness Seat System
Heart Monitor Brackets
Powder Coated Grab Rails
Dual Rear Patient Controls
Custom Built Cab Consoles

Positive latch restock cabinets
Interior Cabinet LED Lighting
Power or Performance Load Systems
Backboard Dividers & Slic
Out Stair Chair Tray
Med Vault Lockers



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EMERGENCY VEHICLES

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www.lifelineambulance.com - 563-578-3317
563-578-3305 (fax)

Call or visit us online for more information or to locate your dealer today!



Life Line's Elite Touch System is a solid state Electrical Distribution System that is fully programmable & expandable. The Power Distribution Modules have the capability of being field interchangeable with no re-programming required, simple plug & play, providing the ease of serviceability.

With the end user & service personnel in mind, this system's components are centrally located unlike some others in the market today. Including real time monitoring of all critical functions as well as LED diagnostics.

Also includes the following Protections:



Chassis Integration

- ◆ Full Reverse Voltage
- ◆ Full RFI
- ◆ Full Over Voltage
- ◆ Transient Voltage
- ◆ Under Voltage
- ◆ Protection against Voltage Stutter
- ◆ Protection during Brown Out Voltage Scenario
- ◆ Protect from Failure of Relay Boards
- ◆ Protection during Slow Rise or Recovery Mode



I/O Module



911 Martin Creek Road - Henderson, NC 27537
866-640-2028 - www.ssvsales.com



LIFE LINE
EMERGENCY VEHICLES

P.O. Box 299 - Sumner, IA 50674 - www.lifelineambulance.com
563-578-3317 - 563-578-3305 (fax)



Touch Screen Front & Patient Area

- ◆ Color LCD Touch Screen
- ◆ Unified Switch Panel Layout
 - Programmable Vacant Switch Functions
- ◆ Back-Up Camera Standard, Utilizes Front Monitor when activated
- ◆ Field updatable software by USB Connection
- ◆ 360 Degree Camera Option
- ◆ Remote Access via any Web Enabled Device
- ◆ Front Screen Access to Patient Area Controls
- ◆ Indicators & Alarms for O2/Medical Air, Entry & Compartment Doors, Active Voltage
- ◆ Maintenance Reminders & Videos
- ◆ E-Mail Notifications
- ◆ O2 Pressure Display
- ◆ Back-Up Alarm Cancel Button
- ◆ Module Disconnect
- ◆ Emergency Master & Primary/Secondary Lighting Functions

Elite G³ TOUCH SYSTEM

Fully Programmable, Expandable & Maintainable

Life Line's Elite Touch System is designed for maximum flexibility to meet the end user's needs. With its standard touch screen & quick-hit buttons, interchangeable modules, real time monitoring, and backwards compatibility, makes this system second to none.

This system's technology has been field tested & verified for over 20 years.

- ◆ MIL Spec
- ◆ NFPA
- ◆ SAE Spec
- ◆ EMI/RFI



Optional

- ◆ *Keypad Control*



w/ 4.3" LCD Display Screen



LIFE LINE

EMERGENCY VEHICLES

American Made...Employee Owned!

P.O. Box 299 • Sumner, IA 50674 • www.lifelineambulance.com
563-578-3317 • 563-578-3305 (fax)

LIFETIME LIMITED WARRANTY ON THE ALL-ALUMINUM MODULAR BODY

Subject to the provisions, limitations and conditions set forth in this warranty, LIFE LINE EMERGENCY VEHICLES, INC. hereby warrants to each original purchaser only that each new modular ambulance body (exclusive of paint finish, hardware, moldings, windows, internal cabinets and other accoutrements and accessories*) is structurally sound and free of all structural defects of both the material and workmanship for the lifetime of the vehicle.

This warranty may be transferred to another party, provided that the vehicle is inspected by the Manufacturer, or an authorized dealer with prior approval to conduct the inspection. A written request for transfer of warranty must be submitted to LIFE LINE EMERGENCY VEHICLES, INC. The inspection must be completed before transfer of ownership of the vehicle. Written approval for the transfer of warranty will be provided by LIFE LINE EMERGENCY VEHICLES, INC. upon review of the inspection results. A warranty transfer charge in addition to inspection charges may apply.

The Life Time Body warranty is transferable upon the remount of the body to a new chassis provided the remount is performed solely by LIFE LINE EMERGENCY VEHICLES, INC. Remount to a new chassis or any other modification of the body not performed by LIFE LINE EMERGENCY VEHICLES, INC. voids all warranty.

This warranty is conditioned upon normal use and reasonable maintenance of such modular body; prompt written notice of all defects to LIFE LINE EMERGENCY VEHICLES, INC. or one of its then authorized dealers in the area; no repair or additions thereto except by LIFE LINE EMERGENCY VEHICLES, INC. or authorized by it; said defect not resulting from misuse, negligence, accident, remount, overloading beyond applicable weight rating by customer or third parties. If any of such conditions are not complied with, this warranty shall become void and unenforceable.

Should repairs become necessary under the terms of this warranty, the extent of that repair shall be determined solely by LIFE LINE EMERGENCY VEHICLES, INC. and shall be performed solely at LIFE LINE EMERGENCY VEHICLES, INC. or a repair facility designated by LIFE LINE EMERGENCY VEHICLES, INC. The expense of any transportation to or from such repair facility shall be that of the purchaser and is not an item covered by this warranty.

LIFE LINE EMERGENCY VEHICLES, INC. reserves the unrestricted right at any time and from time to time to make changes in the design of and/or improvements on its products without thereby imposing any obligation on itself to make corresponding changes or improvements in or on its products theretofore manufactured.

EXCLUSIONS AND LIMITATIONS: THIS MANUFACTURER'S WARRANTY IS PROVIDED IN PLACE OF ANY AND ALL OTHER REPRESENTATIONS OF IMPLIED WARRANTIES. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATION OR WARRANTY ON BEHALF OF LIFE-LINE EMERGENCY VEHICLES, INC. OR ANY OF ITS DISTRIBUTORS OTHER THAN SET FORTH IN THIS MANUFACTURERS WARRANTY. YOUR RIGHT TO SERVICE AND REPLACEMENT OF PARTS ON THE TERMS EXPRESSLY SET FORTH HEREIN ARE YOUR EXCLUSIVE REMEDIES AND NEITHER THE MANUFACTURER NOR ANY OF ITS DISTRIBUTORS SHALL BE LIABLE FOR DAMAGES, WHETHER ORDINARY, INCIDENTAL OR CONSEQUENTIAL.

*Covered by separate warranties.

LIFE LINE EMERGENCY VEHICLES, INC. - Sumner, Iowa 50674

LIFETIME HARNESS / 10 YEAR 100,000 MILE ELECTRICAL WARRANTY

1. Life Line Emergency Vehicles (the company) warrants, the Elite Touch System & all electrical on each new Life Line Emergency Vehicle to be free from defects in material and workmanship under normal use and service for a period of TEN YEARS or ONE HUNDRED THOUSAND MILES and LIFETIME for electrical harnesses and installation.

This TEN YEAR/ONE HUNDRED THOUSAND MILE ELECTRICAL WARRANTY shall be limited to the statements outlined below. The Company's obligation under this warranty shall be limited to repairing or replacing, at its option any part or parts thereof listed below, which shall within ten years after delivery of such vehicle to the original Purchaser, or prior to the time when such vehicles has been operated 100,000 miles, whichever event shall first occur. This warranty being expressly in lieu of all other warranties expressed or implied, and of all other obligations on its part and the Company neither assumes nor authorizes any other person to assume for it any other liability in connection with the sales of its vehicles.

2. All claims for warranty and adjustments must originate within the warranty period stated herein. All warranty claims must be submitted to and approved by the Company prior to repair.

3. Warranty work may be performed by the purchaser, however any such warranty work must first be approved by the Company in writing. The Company reserves the right to inspect the vehicle before the work is performed. The Company reserves the right to determine where the warranty work will be done and by whom. If it is determined that a part may be defective, the defective part shall be returned to the company with transportation charges prepaid. Once the company receives the part an examination shall decide, to the companies satisfaction, that the part is defective. A replacement part and or credit will then be issued. Any parts replaced as defective must be returned to the Company prepaid for warranty credit.

4. The warranty stated above does not apply to:

- a) Any vehicle which shall have been repaired or altered outside of the Company's factory in any way so as, in the Company's judgment, to affect its stability or reliability, nor which has been subject to misuse, negligence, or accident.
- b) Any vehicle used in competitive events.
- c) Any vehicle which has not been reasonable maintained: To include periodic tightening and cleaning of connection terminals.
- d) Any vehicle which has not been operated in its normal use.
- e) The chassis or chassis electrical parts.
- f) Replacement of items which may be repaired by routine maintenance or service adjustments.
- g) Any vehicle on which the odometer mileage has been altered.
- h) Components and or systems having their own manufacturer's warranty.

Specifically: batteries, emergency lighting, screens, power supplies, inverters, auto ejects, etc.

5. The Company makes no warranty what so ever in respect to parts and materials not of its manufacture. These items are usually warranted separately by their respective manufacturers. The Company's obligation under this warranty is limited to the following:

Electrical harnesses

Printed circuit boards/ Power Modules which are part of the main electrical system

Control Panels

Circuit breakers and relays

Touch Screens shall be limited to a 4 year/100,000 mile normal operation warranty

6. The Purchaser specifically and fully agrees without any reservations, and regardless of circumstances, that if the Company for any reason shall at its expense replace any parts, or perform any labor, upon the product(s) hereby purchased, whether before or after the warranty on such products has expired, that such acts or repeated acts by the Company shall not have the effect of changing or extending the warranty in any way and the Purchaser further agrees that all the conditions stated herein shall apply regardless of any representation, promises, or agreements separately made by any Company employee, sales representative, or any other agent of the Company.

7. While the Company endeavors to be accurate, statements set forth in the Company's advertising, catalogues, sales manuals, and other sales devices, and statements made by the Company employees and sales representatives about the product manufactured by the Company are descriptive only, and the Purchaser agrees that such statements and claims in no way constitutes a warranty.

8. The Purchaser agrees that the Company shall in no way be held liable for damages from delays or loss of service of product(s) purchased here under which are out of use pending repairs or replacements by the company under its warranty, or from delays and loss of service if the Company voluntarily makes repairs or replacements in addition to the duties imposed by the warranty provided above.

LIFE LINE EMERGENCY VEHICLES, INC. reserves the unrestricted right at any time, and from time to time to make changes in the design of and/or improvements on its product without thereby imposing any obligation on itself to make corresponding changes or improvements in or on its products theretofore manufactured.

LIFE LINE EMERGENCY VEHICLES, INC. - Sumner, Iowa 50674



OTE EMS Temperature Controlled Storage Units Advantages

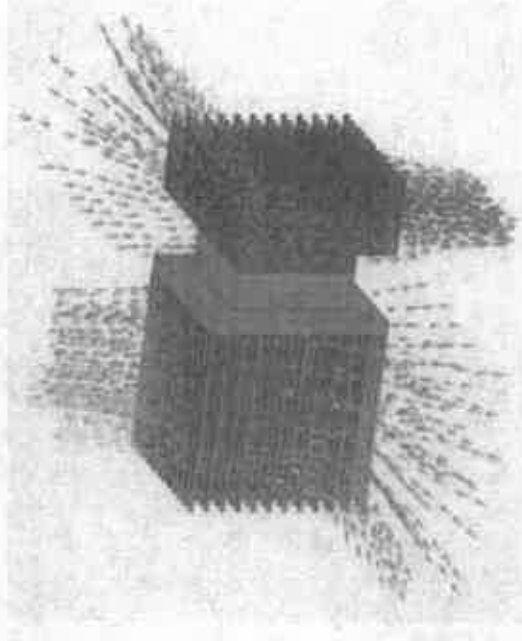
Confidential to OTE International

09/25/2012 rev. 3

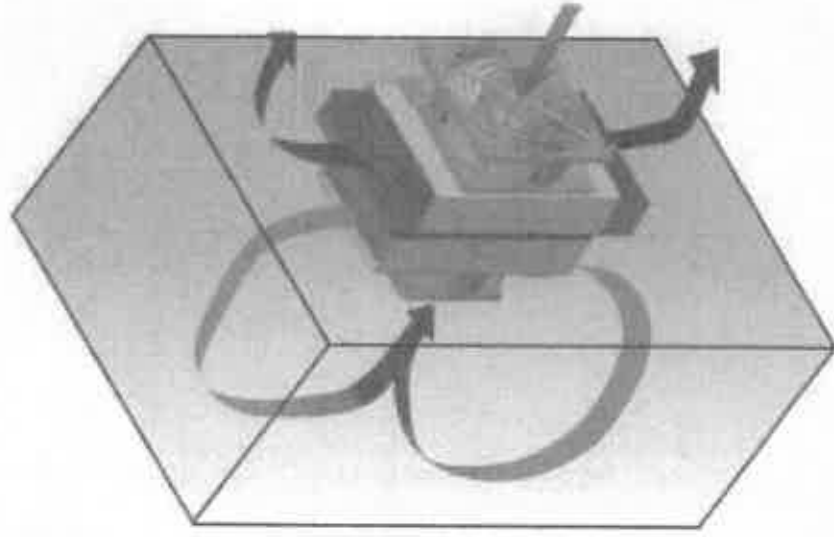
Heat Pump Technology

- A Peltier cooler, heater, or thermoelectric heat pump is a solid-state active heat pump which transfers heat from one side of the device to the other, with consumption of electrical energy, depending on the direction of the current.
- The primary advantages of a Peltier cooler compared to a vapor-compression refrigerator are its lack of moving parts or circulating liquid, very long life, invulnerability to leaks, small size and flexible shape. Its main disadvantage is high cost and power efficiency.
- Applications include satellites and spacecraft, telecommunications, military, laser applications and others.

Exterior heat sink / Interior heat sink



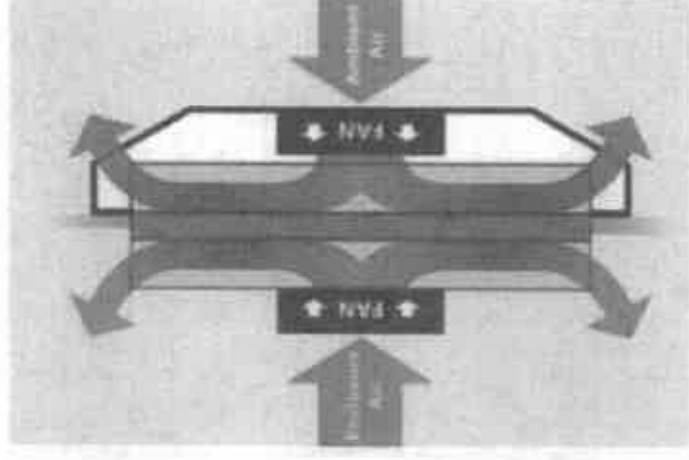
Heat Pump Air Flow



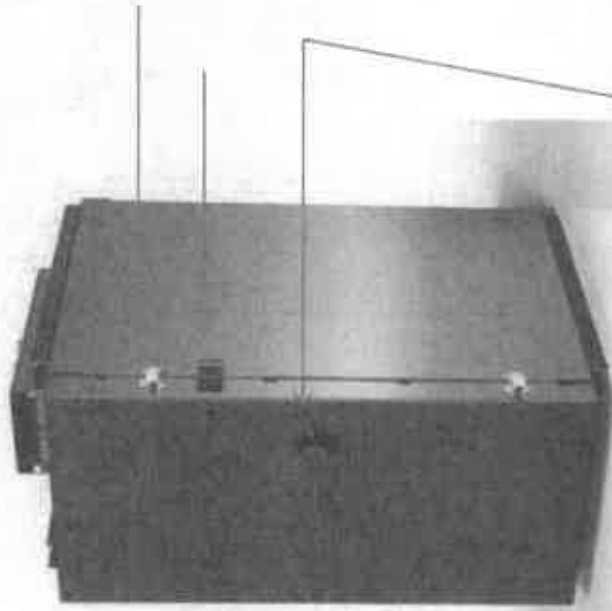
Air flow is critical to the heat pump and effective temperature control.

Air circulation inside the box maintains effective temperature control of the contents.

Ambient or fresh air circulation to the heat pump insures the removal of waste heat from the enclosures interior.



Lightweight / Compression Locks



OTE units are constructed of robust Aircraft Aluminum.

The weight of each unit is only 25 to 40 pounds.

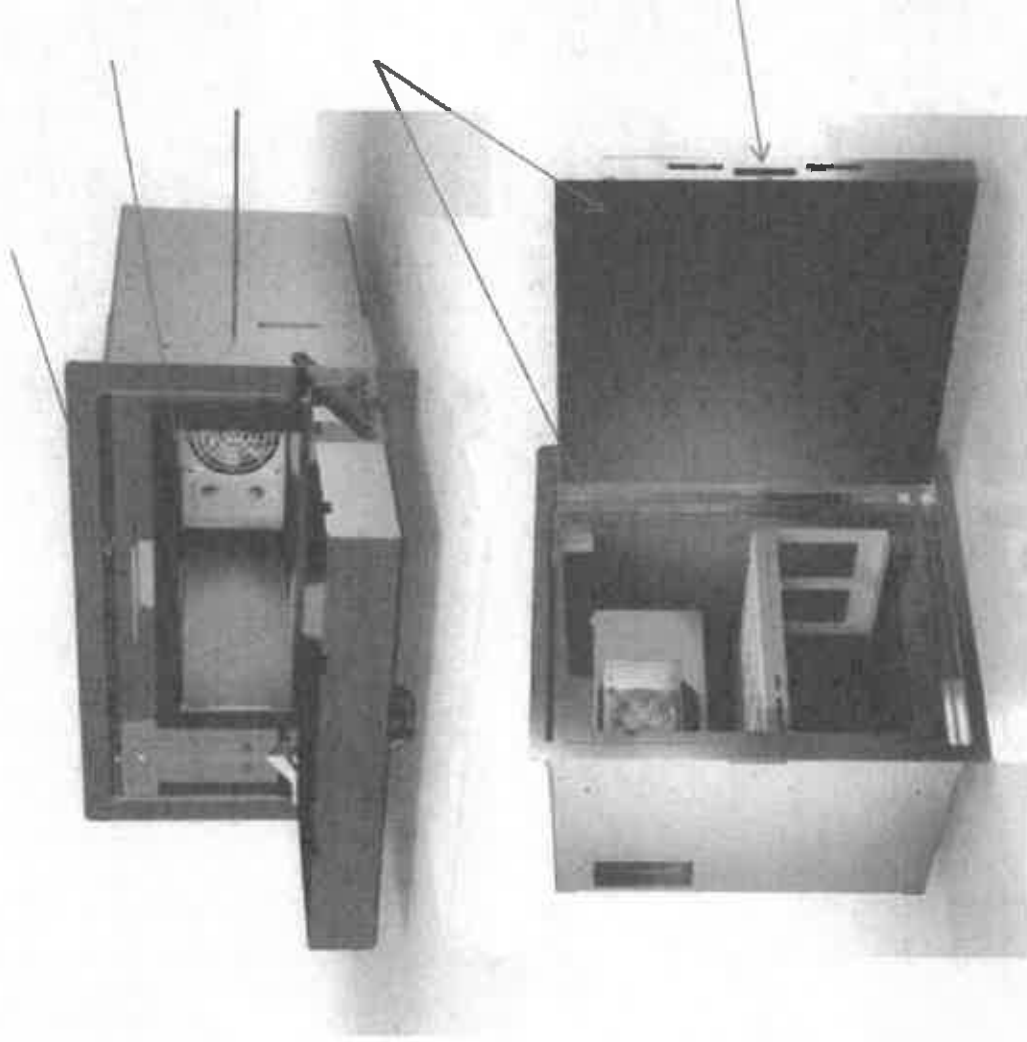
Every unit comes with a keyed compression lock standard. As the lock rotates it seals the door to the body preventing moisture intrusion.



Door stops are standard on most models.

Non flanged units come standard with locking clips and lockable exterior hasp.

Interior light / FDA Plastic / Side Latching

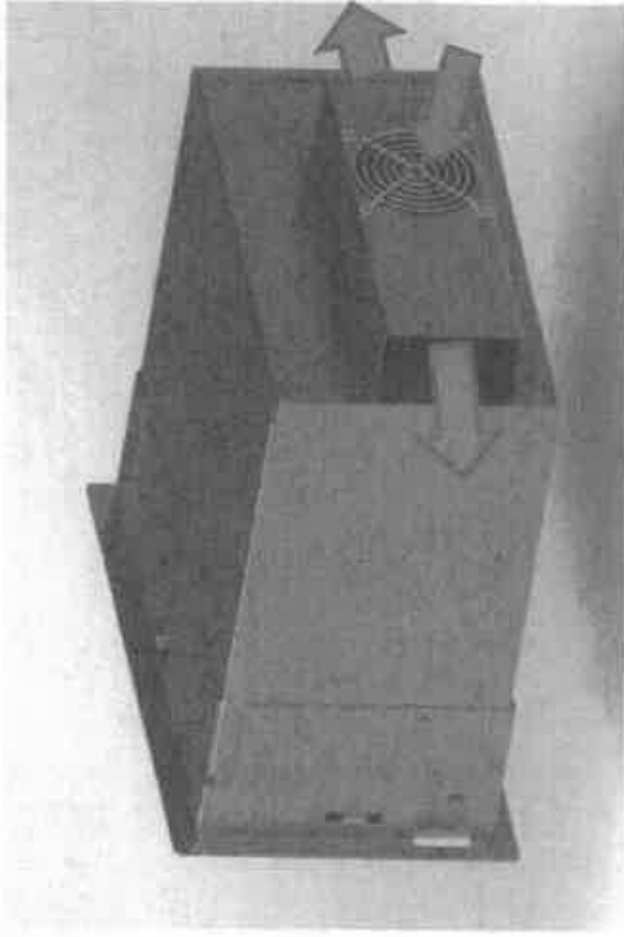


OTE units come standard with an interior LED light

The inside is moisture sealed with FDA plastic that is less thermally conductive.

OTE latches the door with a hasp or through exterior side wall cam. This prevents the locking mechanism from becoming a thermal conduit to the moisture sealed interior. This also prevents the locking mechanism from accumulating condensation during high dew points.

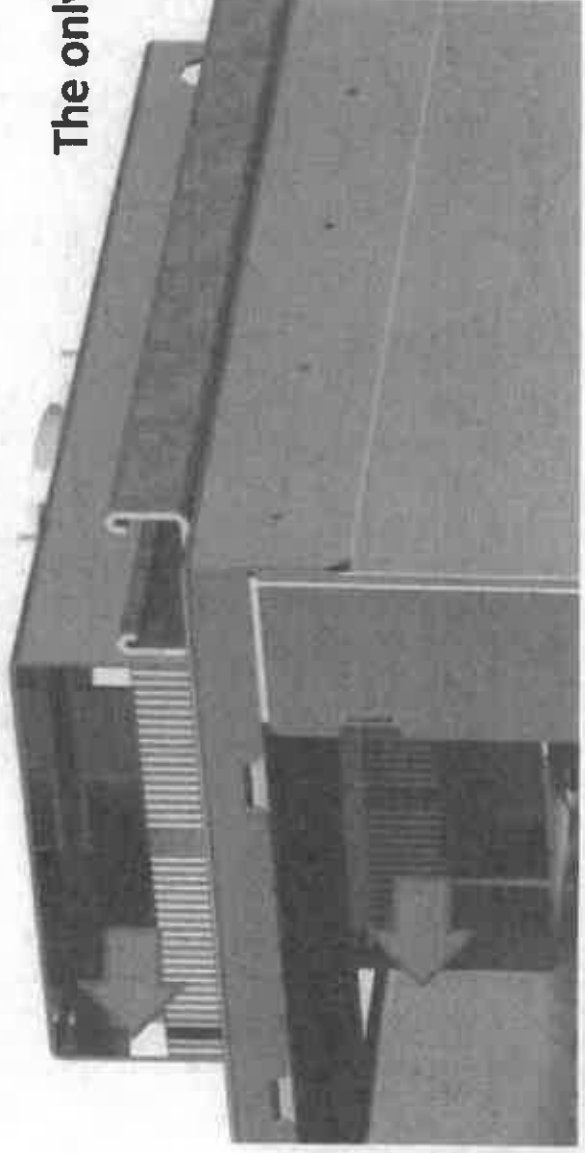
OTE Heat Pump



The heat pump is typically located on the top or rear of the unit. Cool air is pulled in and warm air exhausted from the sides. The height of the heat pump is only 4 to 4.5 inches.

For cooling- The heat pump removes heat from inside the cabinet.

For heating- the heat flow is reversed, pumping heat into the cabinet.



The only two moving parts on the cabinet are the interior and exterior fans.

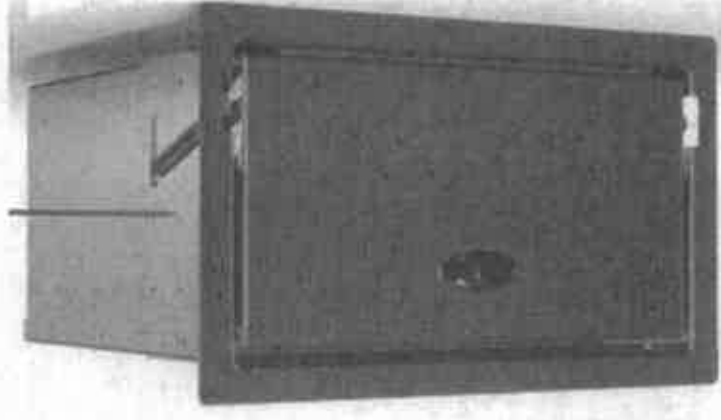
Interior fans are protected by a cover and grill guard.

OTE units are durable and designed to provide many years of service.

Easy to mount and configure

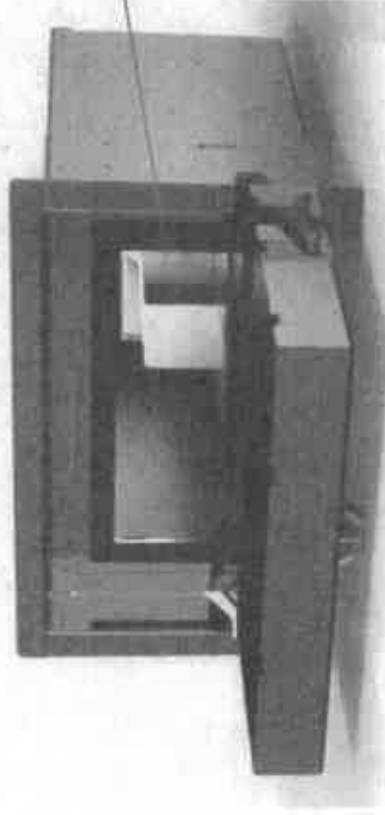


OTE units can be mounted in any configuration. The same unit can mount horizontally or vertically or upside down.



Saline Units

OTE saline units use direct contact (saline bag to plate) on at least 3 sides. This provides faster and more concise temperature control.



This unit can be medications and saline or a dual temperature chamber medication unit.

There are independent temperature controls for each unit.



OTE Medical Storage Units

OTE temperature controlled medical units are designed and manufactured in Athens, Texas USA.

We are a vertical company with in house mechanical and electrical engineering.

OTE was established in 1992 and began making medical storage units for Fire / EMS in 2008. Since 2008 we have produced more than 5,000 units for this market.

Reliable products and excellent customer service are our highest priorities. We work to be a company that is "easy to do business with."

www.oteinternational.com

P: 1-888-666-9361



BRIGADE

Backeye® 360 Select

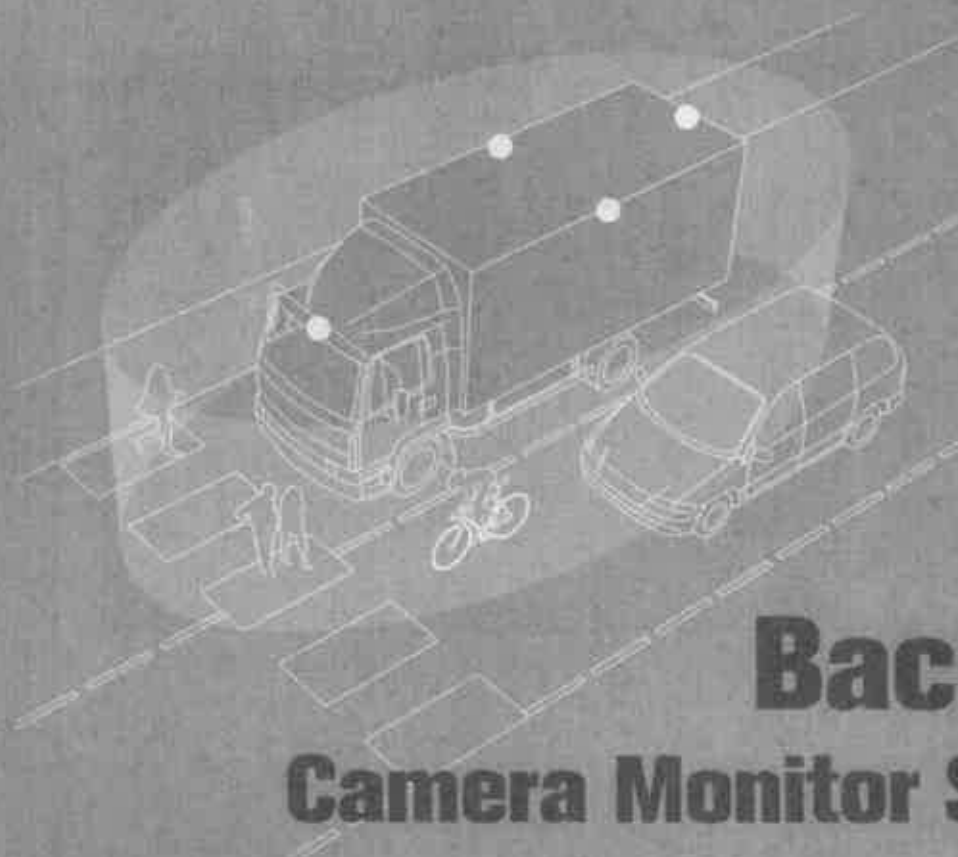
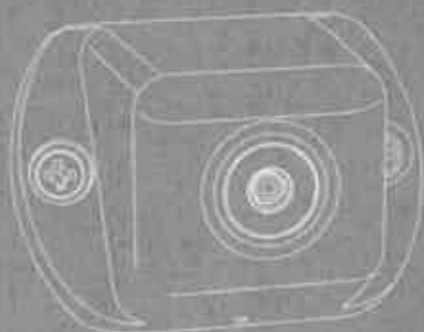
Eliminating the blind spot

All vehicles have blind spots - areas around the vehicle that are obscured to the driver by bodywork or machinery. When manoeuvring, these blind spots present a significant danger to anything or anyone in the vehicle's path and inhibit the driver's ability to operate the vehicle safely.

Backeye 360 Select is an intelligent camera monitor system designed to assist low speed manoeuvrability by providing the driver with a complete surround view of the vehicle in real time.

Ultrawide-angle cameras mounted on the front, sides and rear of the vehicle capture the surrounding areas including all blind spots. Simultaneous digital images from these cameras are then processed and 'video stitched' resulting in a 360° bird's-eye view within a single image. The software also instantly eliminates any false camera distortion on the surround view, delivering a clear, real-time picture on the driver's monitor.

4 Cameras
1 Image
0 Blind spots

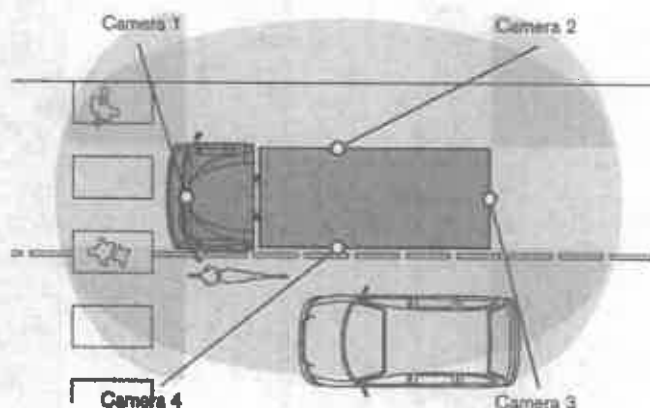


Backeye®
Camera Monitor Systems



Backeye® 360 Select

BRIGADE



The Backeye 360 Select is a bird's-eye camera monitor system suitable for standard on-road vehicles that do not require bespoke configuration.

- Four wide-angle camera lenses cover the entire vehicle perimeter and surroundings including all blind spots
- Real-time video output
- Triggered views (rear, left and right), e.g. selecting reverse gear highlights rear view image
- Split-screen monitor view
- Configurable viewing distance to suit vehicle type and application
- Customisable on-screen vehicle icon and livery so the driver sees a recognisable vehicle on the monitor
- On-screen distance markers on rear view

- Reduces collisions with people and objects
- One view to see all surrounding areas
- No blind spots



NEW

SELECT 360° CAMERA MONITOR SYSTEMS

BN360-000 - Backeye 360 Select

4483



- 4 x wide-angle cameras and ECU
- IPX7 cameras
- 12-24Vdc
- Camera size (WxHxD) 35.4 x 60.7 x 45.8mm
- ECU size (WxHxD) 170 x 125.4 x 38mm
- 2 year warranty

Features

- 360° single image view
- Triggered views (rear, left and right)
- 4 x ultra-wide viewing angle cameras (1xV) 186° x 142°
- 1/3.6" CMOS sensor
- TV System: NTSC

Power

- Power consumption: 15 Watts
- Current: 1.23 Amps

Durability & Standards

- Mechanical vibration: 1G
- Operating temperature: -30 to +75°C
- CE marked
- EMC approved: E
- HALT tested

SE-770D-100 - Backeye 360 Select + VBV-770DM 7" Digital LCD monitor + cables

4617



- 12-24Vdc
- Size (WxHxD) 162 x 122 x 30mm
- 2 year warranty



Monitor Specification

- 'Button lock' anti-tamper feature
- Sun shield
- Auto-dimmer
- Multi-lingual menus

Picture Quality

- LED backlighting
- Anti-glare screen

Power

- Power consumption: 5 Watts
- Current: 0.18 Amps

Durability & Standards

- Mechanical vibration: 10G
- Operating temperature: -20 to +70°C
- CE marked
- EMC approved: e
- HALT tested

Brigade Electronics plc Brigade House, The Mills, Station Road, South Darenth DA4 9BD, United Kingdom. Fax: +44 (0)1322 420343

Tel: +44 (0)1322 420300

email: sales@brigade-electronics.com

brigade-electronics.com



ISO 9001 CERTIFIED

FORD

PRODUCT RANGE



155 Elan Blvd. Winnipeg, Manitoba, CANADA R2J 4H1, Phone. (204) 253 6080, Fax. (204) 253 8283, www.aliarc.com



ISO 9001 CERTIFIED

- Protection Bars
- Animal Collision Protection

PRODUCT FEATURES

- Lightweight 80lbs
- Full bumper replacements
- Direct chassis mounting
- $\frac{1}{4}$ " extruded high tensile aluminum bumper channel
- 1 $\frac{3}{4}$ " and 2 $\frac{1}{2}$ " diameter tube
- 1 $\frac{3}{4}$ " ($\frac{1}{8}$ " wall) and 2 $\frac{1}{2}$ " ($\frac{1}{4}$ " wall) extruded marine grade tube
- $\frac{1}{4}$ " I beam uprights, welded both sides
- 2 light tabs standard
- High polished finish
- Tested and proven original design
- OPTIONS AVAILABLE, contact us



* $\frac{1}{2}$ " extruded bumper with 2 $\frac{1}{2}$ " tubing & $\frac{1}{4}$ " wall thickness, integrated tow hitch with easy access tilt system.



Manufactured in Canada
Can. Pat. Appln.2, 159, 968



155 Elan Blvd. Winnipeg, Manitoba, CANADA R2J 4H1, Phone. (204) 253 6080, Fax. (204)253 8283, www.aliarc.com

Printed in Canada

LIFETIME LIMITED WARRANTY ON INTERIOR CABINETS

Subject to the provisions, limitations and conditions set forth in this warranty, LIFE LINE EMERGENCY VEHICLES, INC. hereby warrants to each original purchaser only that each new modular ambulance body cabinets is structurally sound and free of all structural defects of both the material and workmanship for the lifetime of the vehicle.

This warranty is conditioned upon normal use and reasonable maintenance of such cabinets; prompt written notice of all defects to LIFE LINE EMERGENCY VEHICLES, INC. or one of its then authorized dealers in the area; no repairs or additions there-to except by LIFE LINE EMERGENCY VEHICLES, INC. or authorized by it; said defect not resulting from misuse, negligence, accident, remount, overloading by customer or third parties. If any of such conditions are not complied with, this warranty shall become void and unenforceable.

Should repairs become necessary under the terms of this warranty, the extent of that repair shall be determined solely by LIFE LINE EMERGENCY VEHICLES, INC. and shall be performed solely at LIFE LINE EMERGENCY VEHICLES, INC. or a repair facility designated by LIFE LINE EMERGENCY VEHICLES, INC. The expense of any transportation to or from such repair facility shall be that of the purchaser and is not an item covered by this warranty.

This warranty is limited to the structural integrity of the cabinets and excludes finish, hardware, moldings, laminate, and other accoutrements and accessories*.

This warranty may be transferred to another party, provided that the vehicle is inspected by the Manufacturer, or an authorized dealer with prior approval to conduct the inspection. A written request for transfer of warranty must be submitted to LIFE LINE EMERGENCY VEHICLE, INC. The inspection must be completed before transfer of ownership of the vehicle. Written approval for the transfer of warranty will be provided by LIFE LINE EMERGENCY VEHICLES, INC. upon review of the inspection results. A warranty transfer charge in addition to inspection charges may apply.

The Life Time Interior Cabinet warranty is transferable upon the remount of the body to a new chassis provided the remount is performed solely by LIFE LINE EMERGENCY VEHICLES, INC. Remount to a new chassis not performed by LIFE LINE EMERGENCY VEHICLES, INC. voids all warranty.

LIFE LINE EMERGENCY VEHICLES, INC. reserves the unrestricted right at any time and from time to time to make changes in the design of and/or improvements on its products without thereby imposing any obligation on itself to make corresponding changes or improvements in or on its products therefore manufactured.

EXCLUSIONS AND LIMITATIONS: THIS MANUFACTURER'S WARRANTY IS PROVIDED IN PLACE OF ANY AND ALL OTHER REPRESENTATIONS OR IMPLIED WARRANTIES. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATION OR WARRANTY ON BEHALF OF LIFE LINE EMERGENCY VEHICLES, INC. OR ANY OF ITS DISTRIBUTORS OTHER THAN SET FORTH IN THIS MANUFACTURERS WARRANTY. YOUR RIGHT TO SERVICE AND REPLACEMENT OF PARTS ON THE TERMS EXPRESSLY SET FORTH HEREIN ARE YOUR EXCLUSIVE REMEDIES AND NEITHER THE MANUFACTURERS NOR ANY OF ITS DISTRIBUTORS SHALL BE LIABLE FOR DAMAGES, WHETHER ORDINARY, INCIDENTAL OR CONSEQUENTIAL.

*Covered by separate warranties.

LIFE LINE EMERGENCY VEHICLES, INC. - Sumner, Iowa 50674

**5-YEAR/60,000-MILE
PRODUCT CONVERSION WARRANTY**

1. In addition to the LIFETIME warranty covering the modular structure of the all-aluminum bodies manufactured by LIFE LINE EMERGENCY VEHICLES, INC. (the Company), which LIFETIME warranty is set forth on separate warranty form, the Company warrants its products to be free from defects in material and workmanship under normal use and service; its obligation under this warranty being limited to making good at its factory any part or parts thereof which shall within five years (sixty months) after delivery of such vehicle to the original Purchaser, or prior to the time when such vehicle has been operated 60,000 miles, whichever event shall first occur, be returned to it with transportation charges prepaid and which its examination shall disclose to its satisfaction to have been thus defective; this warranty being expressly in lieu of all other warranties expressed or implied, and of all other obligations on its part, and the Company neither assumes nor authorizes any other person to assume for it any other liability in connection with the sales of its vehicles.
2. All claims for warranty and adjustments must originate within the warranty period stated herein. All warranty claims must be submitted to and approved by the Company prior to repair.
3. Warranty work may be performed by the Purchaser but any such warranty work must first be approved by the Company in writing. The Company reserves the right to inspect the vehicle before the work is performed. The Company reserves the right to determine where the warranty work will be done and by whom. Any parts replaced as defective must be returned to the Company prepaid for warranty credit.
4. The warranty stated above does not apply to:
 - a.) Any vehicle which shall have been repaired or altered outside of the Company's factory in any way so as, in the Company's judgment, to affect its stability or reliability, nor which has been subject to misuse, negligence, or accident.
 - b.) Any vehicle used in competitive events.
 - c.) Any vehicle which has not been reasonably maintained.
 - d.) Any vehicle which has not been operated in its normal use.
 - e.) The chassis or chassis parts.
 - f.) The paint finish, which is covered by a separate warranty.
 - g.) Replacement of items which may be repaired by routine maintenance or service adjustments.
 - h.) Any vehicle on which the odometer mileage has been altered.
 - i.) Deterioration of product due to normal use and exposure.
5. The Company makes no warranty what so ever in respect to parts and materials not of its manufacture. These items are usually warranted separately by their respective manufacturers. The Company's obligation under this warranty is limited to the portions of the ambulance manufactured by it.
6. The Purchaser specifically and fully agrees without any reservations, and regardless of circumstances, that if the Company for any reason shall at its expense replace any parts, or perform any labor, upon the product(s) hereby purchased, whether before or after the warranty on such products has expired, that such acts or repeated acts by the Company shall not have the effect of changing or extending the warranty in any way and the Purchaser further agrees that all the conditions stated herein shall apply regardless of any representation, promises, or agreements separately made by any Company employee, sales representative, or any other agent of the Company.
7. While the Company endeavors to be accurate, statements set forth in the Company's advertising, catalogues, sales manuals, and other sales devices, and statements made by the Company employees and sales representatives about the product manufactured by the Company are descriptive only, and the Purchaser agrees that such statements and claims in no way constitute a warranty.
8. The Purchaser agrees that the Company shall in no event be held liable for damages from delays or loss of service of product(s) purchased hereunder which are out of use pending repairs or replacements by the Company under its warranty, or from delays and loss of service if the Company voluntarily makes repairs or replacements in addition to the duties imposed by the warranty provided above.
9. The Company reserves the right to make changes in design or add improvements without incurring any obligation to install such improvements on units previously manufactured.

LIFE-LINE EMERGENCY VEHICLES, INC. - Sumner, Iowa 50674

LLEV PAINT SYSTEM WARRANTY

I. THE LIMITED WARRANTY

Life Line Emergency Vehicles hereby warrants that the paint, hereinafter to be referred to as the "Paint System", which is supplied by Akzo Nobel and/or its distributors, and applied by Life Line Emergency Vehicles at their facility in Sumner, IA, shall be free from any defects as described in section VI hereof during the limited warranty period as specified therein. This limited warranty is contingent that the application of the paint system is according to the Technical Data Sheet specifications and in accordance with the technical application data attached as addendum A.

II. LIMITED WARRANTY PERIOD

- a. The limited warranty period shall commence on the date a vehicle is delivered to the end user by LLEV or their authorized distributor.
- b. The limited warranty period for a covered vehicle shall terminate as follows:
 - i. For basecoat/clearcoat systems, the limited warranty period shall be 6 years as described in Section III (b). The basecoat/clearcoat system must use the Sikkens clearcoat as a top coat with either Sikkens Autobase, Sikkens Autocoat BTLV or Sikkens Autocoat BTLV (Single stage system) as the basecoat.
 - ii. For Paint Systems which does not incorporate a clearcoat as part of the Paint System, the limited warranty period shall be 4 years as described in Section III (b)
 - iii. LLEV will cover the cost of labor and materials to refinish a vehicle, as described in Section III, if the performance of the original coating system falls below the performance standards in section V. The term of this clause is limited to the original purchase of the vehicle from LLEV or from a LLEV authorized distributor, as the case may be.

III. SCOPE OF LIMITED WARRANTY

- a. Life Line's obligation under the limited warranty is limited to a refund of reasonable costs of direct labor, (excluding overhead or profit) and replaced products for the Paint System.
- b. The obligation of LLEV in connection with said costs as detailed in Section II (b) shall be based on a sliding scale as follows:

<u>Basecoat/Clearcoat repairs will cover:</u>	<u>Paint System which does not include Clearcoat</u>
Year one (1) through year three (3): 100%	Year one (1) through year two (2): 100%
Year four (4): 50%	Year three (3): 50%
Year five (5): 25%	Year four (4): 25%
Year six (6): 10%	
- c. In no event shall Life Line be liable for any special, indirect, incidental or consequential damages, even if Life Line have been advised of the possibility thereof. This shall include but not be limited to lost profits, lost revenues, inconveniences, loss of time, failure to realize expected savings, or other commercial economic losses of any kind. Life Line's total liability to the Customer under this Limited Warranty shall not exceed the total price the Customer paid for the applied coatings and labor cost charged to the vehicle owner.

IV. NOTICE

This limited warranty applies to defects discovered and notification made to Life Line within applicable limited warranty period.

V. SPECIFIED DEFECTS

The limited warranty provided herein shall cover and extend to the following properties of the Paint System.

- A. Loss of adhesion of the Paint System resulting in rusting less than Rust Grade 5 (i.e. Rust Grades 0-4), as set forth in ASTM D 610-08.
- B. Cracking of the Paint System as set forth in ASTM D 661-03.
- C. Loss of gloss below the standard set forth in ASTM D 659 - 75 value number or lower at 60° gloss reading.
- D. Loss of color greater than the following specific values:
 - a. Clearcoat system color shift will be no greater than a Delta E of 6.0
 - b. Topcoat (no clearcoat) color shift will be no greater than a Delta E of 6.0
- E. Scab corrosion. Formation of corrosion under the paint film, as long as the point of origin is not a crevice, dissimilar metals or a break in the coating film.
- F. Chemical Resistance to meet ASTM D1308 standards 25 MEK double rubs.
- G. Stone Chip SAE J400 Method A - 4B or above.

VI. EXCLUSIONS FROM THE LIMITED WARRANTY

Defects in the Paint System arising as a result of or out of the following are excluded from coverage under the limited warranty:

- A. The use in the application of the Paint System of materials not mentioned in AkzoNobel Technical Data Sheets or approved in the Paint System Contained in Addendum A.
- B. Improper application of the materials or coating dry film thickness described in the AkzoNobel Technical Data Sheets.
- C. The use of defective parts which cannot accept paint such as mill scaled materials, plasma, and laser cut edges without grinding edge to remove heat treated area.
- D. Damage to the Paint System caused during production.
- E. Mechanical abrasion or external foreign object damage.
- F. Application of, or removal of, stickers or decals.
- G. Body compartment interior coatings, undercarriage and frame.
- H. Defects resulting from, or inherent to, the application process such as runs, orange peel, and fish eyes.
- I. Corrosion failure when the point of origin is interior or uncoated parts. Application of materials described in the AkzoNobel Technical Data Sheets over contaminated substrates, such as moisture, dew, oil or foreign substances that will not accept paint.
- J. Defects caused by acid rain and industrial fallout.
- K. Improper cleaning or maintenance or the use of solvents, chemicals/fluids not approved by AkzoNobel in writing.
- L. Any deterioration in or of the Vehicles caused by electro-chemical action or reaction arising from the presence of metals in the coating system or elsewhere which are cathodic to the metal(s) comprising the vehicles.

VII. This Limited Warranty may not be amended without the written consent of both parties.

VIII. The laws of the State of Iowa, without giving effect to principles of conflict of laws, govern all matters under this Limited Warranty. For the notice provision, claims and dispute resolution procedure please see Appendix 1, which is incorporated by reference herein.

IX. THE CUSTOMER ACKNOWLEDGES THAT THIS LIMITED WARRANTY HAS BEEN READ AND FULLY UNDERSTANDS ITS TERMS AND CONDITIONS.



COMMISSION ON ACCREDITATION OF AMBULANCE SERVICES GROUND VEHICLE STANDARD

**Final Stage Ambulance Manufacturer
FSAM Registration**

Life Line Emergency Vehicles

Is duly registered and authorized to certify GVS compliant vehicles that they have produced by supplying the CAAS GVS label and documents, verifying the vehicle's components, performance and equipment meet or exceed all the requirements and tests set forth in the standard.

**Mark S. Van Arnem
CAAS GVS Administrator**

COMMISSION ON ACCREDITATION OF AMBULANCE SERVICES

**1926 Waukegan Road, Suite 300, Glenview, Illinois 60025-1770
Phone: 847.657.6828 • Fax: 847.657.6825 • Info @ groundvehiclestandard.org**



Ford Motor Company

Is proud to recognize

Life Line Emergency Vehicles

as a participant in the

Ambulance

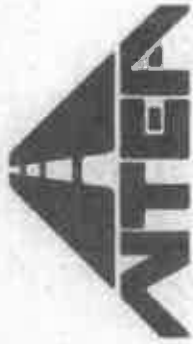
Qualified Vehicle Modifier Program



Randy M. Freiburger

Randy M. Freiburger - SVE Quality Programs Mgr.

August 2021



NATIONAL TRUCK EQUIPMENT ASSOCIATION

is proud to recognize

Life Line Emergency Vehicles Inc

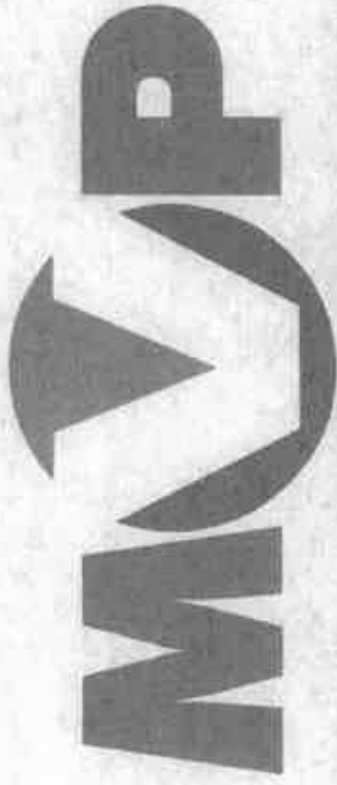
as a member in good standing of the



Ambulance Manufacturers Division

Since 1987


AMD Secretary



NTEA MEMBER VERIFICATION PROGRAM

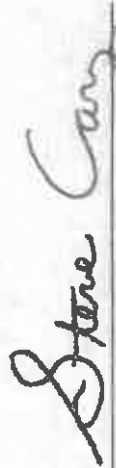
has conferred upon

Life Line Emergency Vehicles

designation as an

MVP qualified company

for outstanding business practices and
successful implementation of quality standards.


Steve Carr

NTEA Executive Director

September 11, 2018 ~ September 30, 2021

Term of designation



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
2/15/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. IF SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
TrueNorth Companies, L.C.
500 1st St SE
Cedar Rapids IA 52401

CONTACT NAME: RM Home Office
PHONE (A/C No., Ext): 319-388-2723 FAX (A/C No.): 877-810-8374
E-MAIL ADDRESS: certs@truenorthcompanies.com

INSURED
Life Line Emergency Vehicles Inc
PO Box 299
Sumner IA 50674

GAZETTS-01

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	The Phoenix Insurance Company	25623
INSURER B:	Great American E & S Insurance Company	37532
INSURER C:	Endurance American Insurance Company	10841
INSURER D:	Employers Mutual Casualty Company	21415
INSURER E:	Charter Oak Fire Insurance Company	25615
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 681922488

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDITIONAL SUBR. REQ. WVD	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS
E	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO. <input type="checkbox"/> LOC <input type="checkbox"/> OTHER		6304N227771	7/1/2021	7/1/2022	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (liq. commercial) \$1,000,000 MED EXP (any one person) \$5,000 PERSONAL & ADJ INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPOUND AGG \$2,000,000
	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> GARAGEKEEPER		810-4N21773A-20-14-G	7/1/2021	7/1/2022	COMBINED SINGLE LIMIT (liq. accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Garagekeepers \$1,500,000
B	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED. RETENTION:		XB 2865034-03	7/1/2021	7/1/2022	EACH OCCURRENCE \$5,000,000 AGGREGATE \$6,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NE) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N <input type="checkbox"/> Y N/A	5H89025	7/1/2021	7/1/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER R.L. EACH ACCIDENT \$500,000 R.L. DISEASE - EA EMPLOYEE \$500,000 R.L. DISEASE - POLICY LIMIT \$500,000
C	2nd Excess Liability		EXC30001158302	7/1/2021	7/1/2022	Agg/Each Occurrence 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Garagekeepers Physical Damage deductibles: comprehensive=\$1,000 and collision=\$1,000

If Yes is indicated above for additional forms Gen Liab #CGD248 (04/19), Auto Liab #CAT353 (08/17) applies. If Yes is indicated above for waiver of subrogation forms Gen Liab #CGD458 (02/19), Auto Liab #CAT353 (08/17) and WC #WC000313 04/84 applies. Coverage is extended for work performed and required under written contract with the above named insured.
If blanket coverage applies, state regulations limit the information that may be added regarding additional insureds to include policy form numbers only.

CERTIFICATE HOLDER

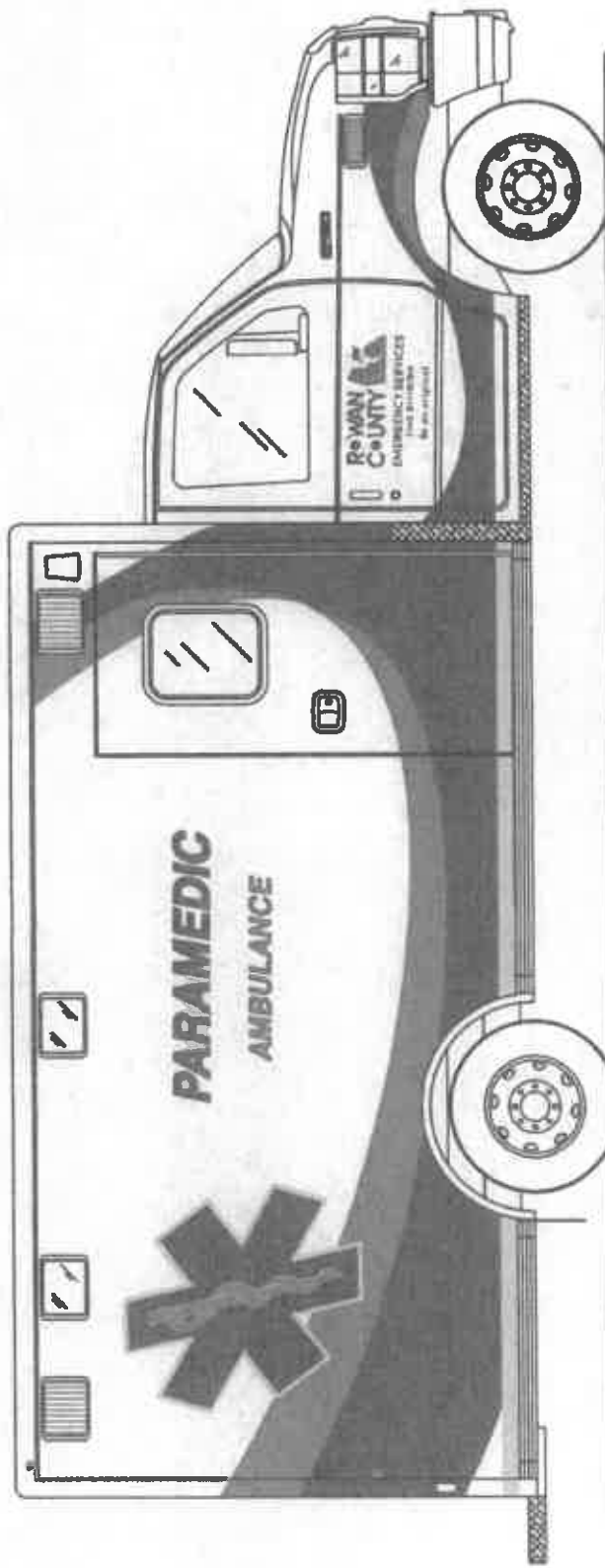
CANCELLATION

To Whom It May Concern
USA

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.



COMP.	INTERIOR HEIGHT	PASS-THRU HEIGHT	INTERIOR WIDTH	PASS-THRU WIDTHS	DEPTH	DESCRIPTION	DRAWING NO:
P1	55 1/2"	54 1/2"	22"	19 1/2"	26"	ISO'S STORAGE	REF-ONLY
P2	11 5/8"	10 5/8"	20"	18 1/2"	19 1/4"	BATTERY TRAY	DRAWN BY: L.P.
P3	72 1/4"	79 1/2"	34 1/2"	30"	12 3/4"	SIDE ENTRY DOOR	DATE: 12/16/13
P4	80 1/2"	79 1/2"	19 1/2"	15"	20 7/8"	BB / STAIR CHAIR STORAGE	SCALE: 1"=32"
							1/4"=16" GM

FOR DRAWING APPROVAL

APPROVED BY:

TITLE:

DATE:

167" TYPE III SUPERLINER, 72" HEADROOM
FOR Graphics Drawing Purpose-Reference Only

LIFE LINE
EMERGENCY VEHICLES
 1 24th Lane Dr.
 P.O. Box 289
 Sumner, IA 50674

THIS DRAWING IS THE PROPERTY OF LIFE LINE. IT IS TO BE USED ONLY FOR THE PURPOSES OF THE PROJECT AND NOT FOR REPRODUCTION OR FOR ANY OTHER PURPOSE. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.



COMP.	INTERIOR HEIGHT	PASS-THRU HEIGHT	INTERIOR WIDTH	PASS-THRU WIDTHS	DEPTH	DESCRIPTION	DRAWING NO:
D1	80 1/2"	79 1/2"	19 1/2"	17"	19 1/4"	O2 STORAGE	REF-ONLY
D2	33"	32"	47 1/2"	40"	19 1/4"	STORAGE	DRAWN BY: J.P.
D3	62 1/2"	61 1/2"	32 1/2"	26"	19 1/4"		DATE: 12/16/13
							SCALE: 1"=32"
							REV: 01/16 414 CL 14/16 CM

NOTE: SHIP SPARE TIRE LOOSE

FOR DRAWING APPROVAL

APPROVED BY: _____

TITLE: _____

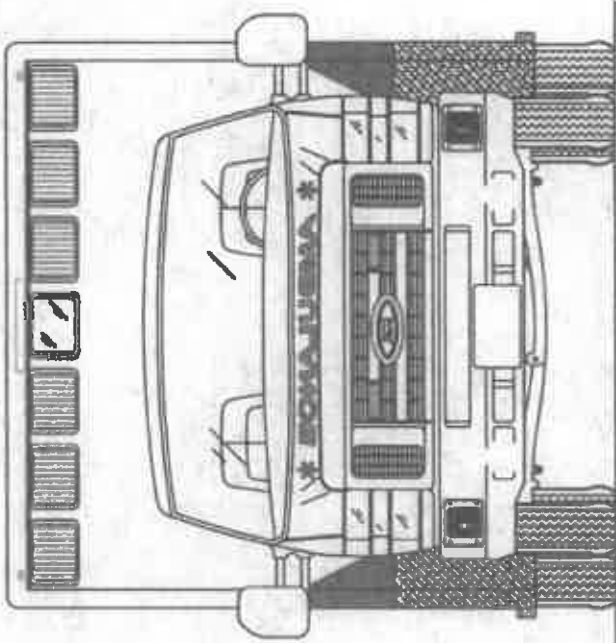
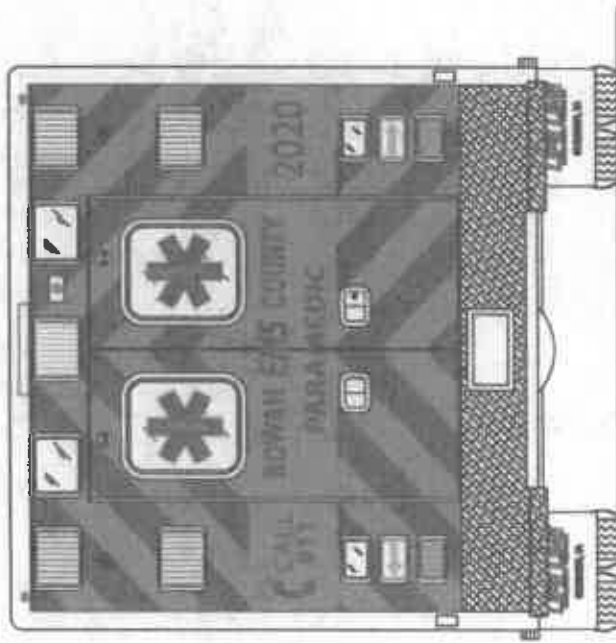
DATE: _____

167" TYPE III SUPERLINER, 72" HEADROOM
FOR Graphics Drawing Purpose-Reference Only

LIFE LINE
EMERGENCY VEHICLES
P.O. Box 289
Dumas, TX 76844

THIS MACHINE IS THE PROPERTY OF
LIFE LINE EMERGENCY VEHICLES, WHICH
CLAIMS PROPRIETARY RIGHTS IN THE
DESIGN AND CONSTRUCTION OF THE
VEHICLE. THE MACHINE IS NOT TO BE
REPRODUCED OR USED FOR ANY OTHER
PURPOSE WITHOUT THE WRITTEN
CONSENT OF LIFE LINE
EMERGENCY VEHICLES.





COMP.	INTERIOR HEIGHT	PASS-THRU HEIGHT	EXTERIOR WIDTH	PASS-THRU WIDTHS	DEPTH	DESCRIPTION	DRAWING NO.
E1	72 1/4"	60"	45"	48"		REAR ENTRANCE	REF-ONLY
							DRAWN BY: J.P.
							DATE: 12/16/13
							SCALE: 1"=32"
							REVISIONS:
							03/29/14, 1 1/2 GAL. 672017 GM

FOR DRAWING APPROVAL

APPROVED BY:

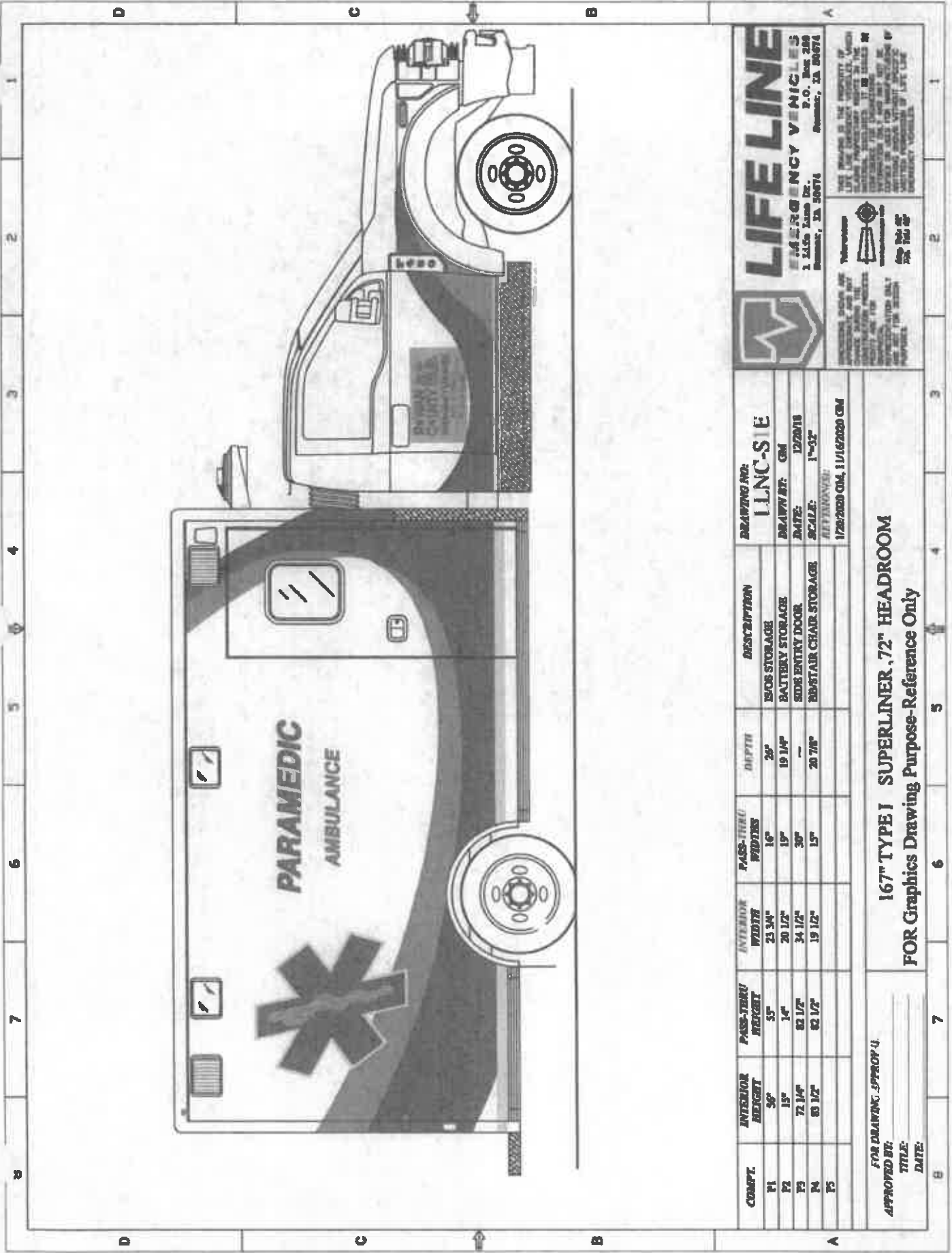
TITLE:

DATE:

167" TYPE III SUPERLINER .72" HEADROOM
FOR Graphics Drawing Purpose-Reference Only



THIS DRAWING IS THE PROPERTY OF LIFE LINE EMERGENCY VEHICLES. IT IS TO BE USED FOR THE PURPOSES OF THE CONTRACT ONLY. IT IS NOT TO BE REPRODUCED OR COPIED FOR ANY OTHER PURPOSE. ANY REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF LIFE LINE EMERGENCY VEHICLES IS STRICTLY PROHIBITED.



LIFE LINE
EMERGENCY VEHICLES
 1416 Main St.
 Houston, TX 77054
 Phone: 713 266-7174

THIS DRAWING IS THE PROPERTY OF LIFE LINE. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM LIFE LINE. VIOLATION OF THIS NOTICE IS A CRIMINAL OFFENSE.

COMP.	INTERIOR HEIGHT	PASS-THRU HEIGHT	INTERIOR WIDTH	PASS-THRU WIDTH	DEPTH	DESCRIPTION	DRAWING NO.
P1	56"	55"	23 3/4"	16"	20"	ISOS STORAGE	11LNC-S1E
P2	15"	14"	20 1/2"	19"	19 1/4"	BATTERY STORAGE	DRAWN BY: CM
P3	72 1/4"	82 1/2"	34 1/2"	30"	—	SIDE ENTRY DOOR	DATE: 12/20/16
P4	83 1/2"	82 1/2"	19 1/2"	15"	20 7/8"	REAR STAIR CHAIR STORAGE	SCALE: 1"=3'
P5						REVISIONS:	
						1/28/2020 CM, 11/16/2020 CM	

FOR DRAWING APPROVAL:

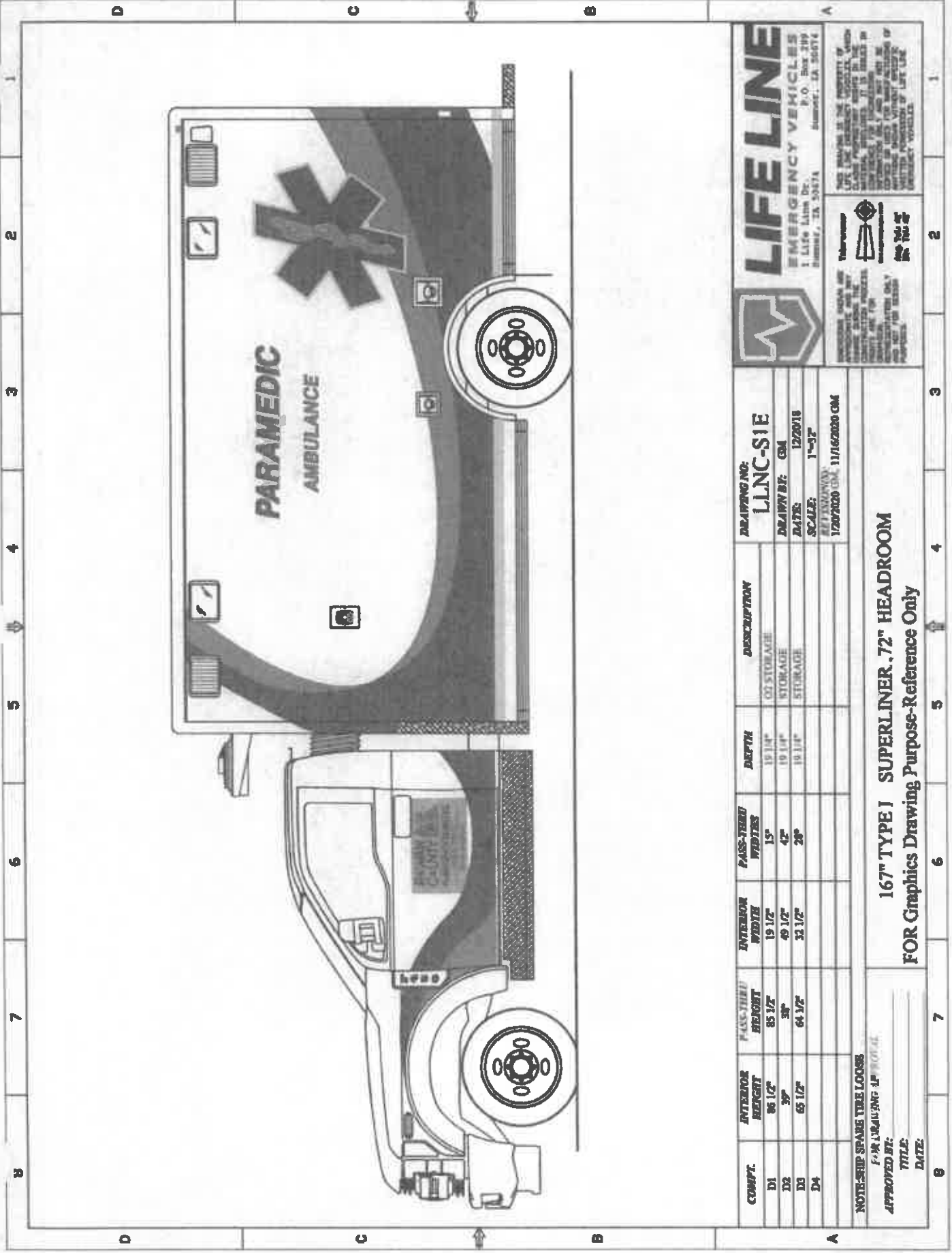
APPROVED BY: _____

TITLE: _____

DATE: _____

167" TYPE I SUPERLINER, 72" HEADROOM

FOR Graphics Drawing Purpose-Reference Only



LIFE LINE
EMERGENCY VEHICLES
 1 Life Line Dr. P.O. Box 319
 Sumner, IA 50674

USE DRAWING IN THE PRESENCE OF
 LIFE LINE EMERGENCY VEHICLES
 CLASS 1, PRESENTED HEREIN IN THE
 ORIGINAL, UNLESS IT IS SPECIFICALLY
 NOTED OTHERWISE. IT IS NOT TO BE
 REPRODUCED OR COPIED FOR ANY
 PURPOSES WITHOUT THE WRITTEN
 PERMISSION OF LIFE LINE
 EMERGENCY VEHICLES



PROVIDED BY THE
 LIFE LINE EMERGENCY VEHICLES
 CLASS 1, PRESENTED HEREIN IN THE
 ORIGINAL, UNLESS IT IS SPECIFICALLY
 NOTED OTHERWISE. IT IS NOT TO BE
 REPRODUCED OR COPIED FOR ANY
 PURPOSES WITHOUT THE WRITTEN
 PERMISSION OF LIFE LINE
 EMERGENCY VEHICLES

COMP.	INTERIOR HEIGHT	EXTERIOR HEIGHT	INTERIOR WIDTH	PASS-THRU WIDTHS	DEPTH	DESCRIPTION	DRAWING NO.
D1	86 1/2"	85 1/2"	19 1/2"	15"	19 1/4"	O2 STORAGE	LLNC-S1E
D2	39"	38"	49 1/2"	42"	19 1/4"	STORAGE	DRAWN BY: GM
D3	65 1/2"	64 1/2"	32 1/2"	28"	19 1/4"	STORAGE	DATES: 12/20/18
D4							SCALE: 1"=3'
							REFERENCE: 1/20/2020 GM

NOTE: SPARE TIRE LOOSE
 1-1/4" LIFTING 4" HOLES
 APPROVED BY: _____
 TITLE: _____
 DATE: _____

167" TYPE I SUPERLINER .72" HEADROOM
 FOR Graphics Drawing Purpose-Reference Only



NORTH CAROLINA

Department of the Secretary of State

CERTIFICATE OF EXISTENCE

I, Elaine F. Marshall, Secretary of State of the State of North Carolina, do hereby certify that

SOUTHEASTERN SPECIALTY VEHICLES, INC.

is a corporation duly incorporated under the laws of the State of North Carolina, having been incorporated on the 19th day of September, 1996, with its period of duration being Perpetual.

I FURTHER certify that, as of the date set forth hereunder, the said corporation's articles of incorporation are not suspended for failure to comply with the Revenue Act of the State of North Carolina; that the said corporation is not administratively dissolved for failure to comply with the provisions of the North Carolina Business Corporation Act;

at its most recent annual report required by N.C.G.S. 55-16-22 has been delivered to the Secretary of State; and that the said corporation has not filed articles of dissolution as of the date of this certificate.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at the City of Raleigh, this 27th day of March, 2019.



Scan to verify online.

Elaine F. Marshall

Secretary of State



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/9/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Triangle Insurance & Associates, LLC
222 N Bickett Blvd
Louisburg NC 27549

CONTACT NAME: Patricia Edwards
PHONE (A/C, No. Ext): 919-498-2239 **FAX (A/C, No.):**
E-MAIL: patricia@triangleinsurance.com
ADDRESS: patricia@triangleinsurance.com

INSURED
Southeastern Specialty Vehicles Inc
PO Box 159
Kittrell NC 27544

SOUTHEASTERN

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	Selective Insurance Company of	12572
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 332208005

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE OF INSURANCE	ADOL SUBR WED WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		S 2404927	9/10/2021	9/10/2022	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$3,000,000 PRODUCTS - COMPROP AGG \$3,000,000 \$
AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> Hired AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		S 2404927	9/10/2021	9/10/2022	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> RETENTION \$		S 2404927	9/10/2021	9/10/2022	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A				PER STATUTE E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A Garagekeepers		S 2404927	9/10/2021	9/10/2022	Comp-\$500 Coll-\$1,000 1,900,000 1,900,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Sample Certificate
Please call agent for specific COI
to be issued (Name/Address req'd).

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Patricia B. Edwards

**STATE OF NORTH CAROLINA
DIVISION OF MOTOR VEHICLES**

NAME & ADDRESS OF EMPLOYER

**SOUTHEASTERN SPECIALTY VEHICLES INC
911 MARTIN CREEK ROAD
HENDERSON, NC 27537-7469**

DEALER NUMBER: 0028843

NOT VALID UNLESS SIGNED BY THE LICENSEE

SALES REPRESENTATIVE

DATE OF BIRTH	SEX	RACE	WEIGHT	COLOR HAIR	COLOR EYES
07/23/1968	M	W	230	BRO	BRO

**CHARLES DARREN HADLEY
2752 SE SCHOOL RD
GREENSBORO, NC 27406-9776**

**2134359 06/08/2021 06/30/2022
LICENSEE NUMBER ISSUE DATE EXPIRATION DATE**

Charles D. Hadley
LICENSEE'S SIGNATURE

Tom S. D.
COMMISSIONER

FOLD HERE

G.S. 20-291 States: Every person to whom a sales representative, factory representative, or distributor representative license is issued shall carry the license when engaged in business, and shall display it upon request. The license shall state the name of the representative's employer. If the representative changes employers, the representative shall immediately apply to the Division for a license that states the name of the representative's new employer.

