

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO AWARD BID NO. 17-60 AND TO EXECUTE A PURCHASE ORDER FOR THE PURCHASE OF ONE (1) BOOKMOBILE FOR THE ST. JOHNS COUNTY PUBLIC LIBRARY.

RECITALS

WHEREAS, the County seeks to purchase one (1) Bookmobile for the purpose of providing a replacement bookmobile for the St. Johns County Public Library; and

WHEREAS, the scope of services is the provision of all materials, as well as the labor to complete the conversion of the Bookmobile per specifications of the Bid document and including the three alternative bid items for shelving, exterior wrap for graphics and signate, and manual awning; and

WHEREAS, through the County's formal bid process, Nations Bus Sales was selected as the lowest, responsive, responsible bidder to enter into a contract with the County for the purpose referenced above; and

WHEREAS, the project is being funded by the Public Library; and

WHEREAS, said purchase serves a public purpose.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.

Section 2. Upon approval by the Board of County Commissioners, the County Administrator, or designee, is authorized to award Bid No. 17-60 to Nations Bus Sales, and further authorized to execute a purchase order in the amount of \$119,648.00 for the purchase of one (1) Bookmobile from Nations Bus Sales.

Section 3. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners..

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 5th day of September, 2017.

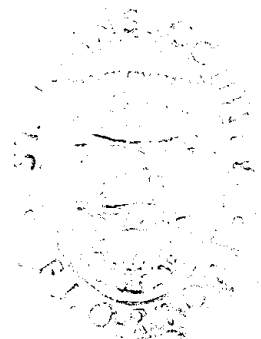
BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

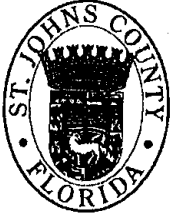
By: _____
James K. Johns, Chair

ATTEST: Hunter S. Conrad, Clerk

By: Pam Halterman
Deputy Clerk

RENDITION DATE 9/7/17





St. Johns County Board of County Commissioners

Purchasing Division

NOTICE OF INTENT TO AWARD

August 3, 2017

RE: Bid No: 17-60; Purchase of One (1) Bookmobile for St. Johns County Public Library

Please be advised that the Purchasing Department of the St. Johns County Board of County Commissioners is issuing this notice of its Intent to Award the purchase of a bookmobile to Nations Bus Sales as the lowest responsive, responsible bidder for Bid No: 17-60; Purchase of One (1) Bookmobile for St. Johns County Public Library. This notice will remain posted on the St. Johns County Purchasing Department bulletin board until 5:00 PM, Tuesday, August 8, 2017.

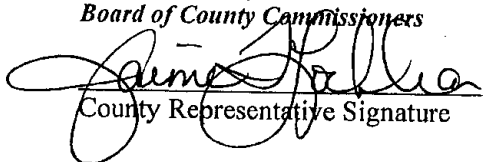
Any person (including any bidder or proposer) who is, or claims to be, adversely affected by the County's decision or proposed decision shall file a written Notice of Protest with the Purchasing Department of St. Johns County within 72 hours after the posting of the notice of decision or proposed decision. Failure to file a Notice of Protest within the time prescribed in Section 304.10 of the St. Johns County Purchasing Manual (the Bid Protest Procedure), or failure to post the bond or other security required by the County within the time allowed for filing a bond, shall constitute a waiver of proceedings and a waiver of the right to protest. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated herein by reference and are fully binding.

Should the Purchasing Department receive no protests in response to this notice, an agenda item will be submitted to the St. Johns County Board of County Commissioners for their consideration and subsequent approval to award the purchase.

Please forward all correspondence, requests or inquiries directly to my attention, Jaime T. Locklear, MPA, CPPB, FCCM, Assistant Purchasing Manager in the Purchasing Department at jlocklear@sjcfl.us.

If you have any questions regarding this Notice of Intent to Award please contact Joe Giammanco, Purchasing Manager, St. Johns County at (904) 209-0152

Sincerely,
St. Johns County
Board of County Commissioners


County Representative Signature

Date: 8/3/17

Jaime T. Locklear, MPA, CPPB, FCCM, Assistant Purchasing Manager
Name & Title (Printed)



**ST. JOHNS COUNTY
PURCHASING DEPARTMENT**

500 San Sebastian View
St. Augustine, Florida 32084

I N T E R O F F I C E M E M O R A N D U M

TO: Debra Rhodes Gibson, Library Director
FROM: Diana M. Fye, CPPB, Procurement Coordinator
SUBJECT: Bid No. 17-60 Purchase of One (1) Bookmobile for St. Johns County Public Library
DATE: July 26, 2017

Attached please find a copy of the Bid Tabulation for your file as recorded and verified at the Bid Opening.

Please review, evaluate and make a written recommendation for this project. Also, indicate the budgeted amount for this item along with the appropriate charge code and return to my attention as soon as possible.

Please let me know if I can assist your department in any other way.

Dept. Approval Debra Rhodes Gibson
Date 8-2-2017
Budget Amount \$ 119,648
Account Funding Title Capital Vehicles
Funding Charge Code 0078-56415
Award to Nations Bus Sales
Award Amount \$ 119,648

ST JOHNS COUNTY

AUG 03 '17

PURCHASING

**ST. JOHNS COUNTY
BID TABULATION**

BID TITLE PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY LIBRARY

BID NUMBER 17-60

OPENING DATE/TIME July 26, 2017 2:00 PM

POSTING DATE/TIME FROM 07/26/17 3:00 PM UNTIL 07/31/17 3:00 PM

ANY BIDDER AFFECTED ADVERSELY BY AN INTENDED DECISION WITH RESPECT TO THE AWARD OF ANY BID, SHALL FILE WITH THE PURCHASING DEPARTMENT FOR ST. JOHNS COUNTY, A WRITTEN NOTICE OF INTENT FILE A PROTEST NOT LATER THAN SEVENTY-TWO (72) HOURS (EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS) AFTER THE POSTING OF THE BID TABULATION PROTEST PROCEDURES MAY BE OBTAINED IN THE PURCHASING DEPARTMENT.

OPENED BY DIANA M FYE
TABULATED BY LEIGH DANIELS
VERIFIED BY _____



BIDDERS	TOTAL BASE BID	ALTERNATIVE 1: SHELVING	ALTERNATIVE 2: WRAP	ALTERNATIVE 3: AWNING	ADDENDUM #1	ADDENDUM #2		
LDV, INC.	\$159,445.00	\$12,078.00	\$11,957.00	\$2,250.00	Yes	Yes		
MASTER'S TRANSPORATION	\$109,622.00	\$12,600.00	TBD	\$624.00	Yes	Yes		
NATIONS BUS SALES	\$98,023.00	\$13,600.00	\$5,900.00	\$2,125.00	Yes	Yes		

BID AWARD DATE - _____



NATIONS BUS SALES

TRUSTED COAST TO COAST

CONTENTS

- 1. COVER LETTER**
- 2. SIGNED ADDENDUM 1 (2 PAGES)**
- 3. SIGNED ADDENDUM 2 (1 PAGE)**
- 4. SJC BID PRICING FORM (3 PAGES)**
- 5. DRAWINGS (3 PAGES)**
- 6. ITEMIZED SPECIFICATIONS (1 PAGE)**
- 7. ADDITIONAL INFO ON OUR BUILD PROCESS
AND CERTIFICATIONS
(MULTIPLE PAGES)**

BUS SALES & LEASING

nationsbus.com

o 877.389.6060

f 904.347.2299

HAWAII

CALIFORNIA

FLORIDA

555 Outlet Mall Blvd.
St. Augustine, FL 32084



NATIONS BUS SALES

TRUSTED COAST TO COAST

St. Johns County Purchasing Dept.
500 San Sebastian View
St. Augustine, FL 32084

To Whom It May Concern:

Thank you for the opportunity to participate in your new Bookmobile selection process. We have met or exceeded the specifications in each area of this bid.

Our Make and Model bid is the Turtle TOP MVP Bookmobile. Nations Bus is the authorized Sales and Service provider for this product in the Florida territory and we are located next to Bozard Ford in St. Augustine, Florida.

Should the committee have any questions, comments or concerns, we are available at anytime.

Thank you again and we look forward to earning your business and delivering your new Bookmobile in the near future.

Respectfully,

Chip Osborne
Owner, Nations Bus Sales

BUS SALES & LEASING

nationsbus.com

HAWAII CALIFORNIA FLORIDA

o 877.389.6060
f 904.347.2299

555 Outlet Mall Blvd.
St. Augustine, FL 32084



St. Johns County Board of County Commissioners

Purchasing Division

July 11, 2017

ADDENDUM #1

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: Bid No. 17-60, Purchase of One (1) Bookmobile for St. Johns County Public Library

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid that he/she has received all Addenda. A signed copy of each Addendum must be submitted with bid to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

ST. JOHNS COUNTY AUTHORIZED "APPROVED EQUIVALENTS":

The following proposed alternatives have been authorized by St. Johns County as "Approved Equivalents" to the brand names and model numbers listed in the specifications and on Attachment C – Itemized Specification/Cost Sheet for the Bookmobile. Respondents including any approved equivalent in their base bid must identify the substituted item in the space provided on Attachment C.

PAGE	SECTION	TITLE	SPECAS WRITTEN	APPROVED EQUAL REQUEST	SIC APPROVED AS EQUAL 07/11/2017
14	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	A. Overall Exterior Length: approximately 28.5'	We respectfully request the acceptance of our offering which is 27' 7 5/8"	YES
24	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	D. Interior Length: approximately 241" (load space)	We respectfully request the acceptance of our interior length 222 3/16" (load space)	YES
24	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	F. Interior Height: approximately 80" to 84"	Interior Height: 78.5" inches	YES
26	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	G. Wheelbase: approximately 206"	We respectfully ask for the acceptance of our 208" wheelbase.	YES
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-Shell Odyssey	A. Turtle Top 012717Q1-Shell Odyssey, MPV Body - 241" Floor Odyssey, or approved equivalent	We do not build Turtle Top vehicles so we respectfully ask for the acceptance of the Glaval Universal. Detailed build specifications and brochure included	YES
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-Shell Odyssey	A. 7th "dot" Down, "Steel cage primered with rust inhibitor	We respectfully request the acceptance of our G90 galvanized steel structure.	YES

PAGE	SECTION	TITLE	SPEC AS WRITTEN	APPROVED EQUAL REQUEST	S/C APPROVED AS EQUAL 07/11/2017
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-She!! Odyssey	A. 14th "dot" Down, "1" polystyrene foam board insulation"	We respectfully request the acceptance of our 1 1/2" block foam polystyrene insulation as exceeding your specification.	YES
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-She!! Odyssey	A. 15th "dot" Durable bright white reinforced fiberglass ceiling and sidewalls"	We respectfully request the acceptance of our filon interior ceiling and sidewalls.	YES
15	2.3 BODY:	2.3 B. Exterior Skirts: Odyssey, or approved equivalent, Contoured Sidewall, Molded Flat	B. Exterior Skirts: Odyssey, or approved equivalent, Contoured Sidewall, Molded Flat	Only one manufacturer can build Odyssey exterior skirts and contoured sidewalls. We respectfully request the acceptance of our exterior skirts and sidewalls. Pictures enclosed.	YES
15	2.4 CHASSIS	2.4 A. Ford E450 MPV- ODYSSEY, or approved equivalent, 6.8L Gas V10 with Door; 14,500 lbs GVWR with 225 AMP OEM Alternator.	A. Ford E450 MPV-ODYSSEY, or approved equivalent, 6.8L Gas V10 with Door; 14,500 lbs GVWR with 225 AMP OEM Alternator.	We respectfully request the acceptance of the Ford E450 Gival - Universal, 6.8L Gas V10 with Door; 14500 lbs GVWR with 225 AMP OEM Alternator. Literature attached.	YES
16	2.6 DOOR & WINDOWS:	2.6 C. Egress Rear Window 26" H x 54" W	C. Egress Rear Window 26" H x 54" W	We respectfully request the acceptance of our standard rear egress window that measures 22 1/2" H x 60" W. This is strictly a difference in construction method. We provide a wider and slightly short window. The functionality is the same. Please accept our offering (picture included).	YES
17	2.13 INTERIOR OPTIONS:	2.13 A. Standard White Pebble Grain FRP Sidewalls and Ceiling	A. Standard White Pebble Grain FRP Sidewalls and Ceiling	We respectfully request the acceptance of our standard white filon interior. This is a difference in manufacturing preference. The functionality is the same just different material (pictures and data sheet attached).	YES
18	2.14 EXTERIOR OPTIONS:	2.14 A. Quantity four (4) Wheel Liners; Stainless Steel, Odyssey, or approved equivalent	A. Quantity four (4) Wheel Liners; Stainless Steel, Odyssey, or approved equivalent	We respectfully request the acceptance of our Wheel Liners; Stainless Steel. The industry uses the same wheel liners. These are not unique to Turtle Top or the Odyssey bus they build.	YES
18	2.14 EXTERIOR OPTIONS:	2.14 B. Tire Carrier, Underfloor, Odyssey, or approved equivalent	B. Tire Carrier, Underfloor, Odyssey, or approved equivalent	We respectfully request the acceptance of our Spare Tire and Wheel. There is nothing special about a spare tire and wheel that it be tied to the Turtle Top Odyssey brand. We respectfully request ours as equal - they are exactly the same.	YES
18	2.14 EXTERIOR OPTIONS:	2.14 D. Mirrors: Power Remote with Heat, Odyssey, or approved equivalent	D. Mirrors: Power Remote with Heat, Odyssey, or approved equivalent	We respectfully request the acceptance of our Heated Remote mirrors (see picture and specs attached).	YES

THE BID DUE DATE REMAINS JULY 19, 2017 AT 2:00 P.M.

Acknowledgment

Signature and Date

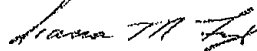
Chip Osborne

Printed Name/Title

Nations Bus Sales of Florida

Company Name (Print)

Sincerely,



Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 1



St. Johns County Board of County Commissioners

Purchasing Division

July 17, 2017

ADDENDUM #2

To: Prospective Bidders

From: St. Johns County Purchasing Department

Subject: Bid No. 17-60, Purchase of One (1) Bookmobile for St. Johns County Public Library

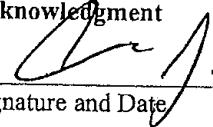
This Addendum #2 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid that he/she has received all Addenda. A signed copy of each Addendum must be submitted with bid to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.

EXTENSION OF BID DUE DATE:

The due date for sealed bids has been extended one (1) week. Sealed bids for Bid No. 17-60 are due no later than 2:00 P.M. EST (Eastern Standard Time) on Wednesday, July 26, 2017.

THE BID DUE DATE HAS BEEN EXTENDED TO JULY 26, 2017 AT 2:00 P.M.

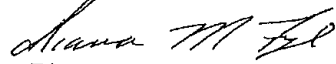
Acknowledgment

 7-18-17
 Signature and Date

Chip Osborne, President
 Printed Name/Title

Nations Bus Sales of Florida
 Company Name (Print)

Sincerely,


 Diana M. Fye, CPPB
 Procurement Coordinator

END OF ADDENDUM NO. 2



ATTACHMENT C - ITEMIZED SPECIFICATION/COST SHEET

ST. JOHNS COUNTY, FLORIDA

BID NO. 17-60

PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY PUBLIC LIBRARY

Completed "Attachment C" (or Bidder's own specification sheet meeting same format as Attachment C) MUST be included with Bid Submission.
 Instructions to save Attachment from website: Perform "File Save As" and save spreadsheet to your computer.
 Fill in pricing in Green highlighted cells, preferably electronically.
 Bidders are required to complete all fields shaded in green. All other fields will be automatically calculated.

NAME OF BUSINESS (BIDDER): Nations Bus Sales of Florida, Saint Augustine, FL

BOOKMOBILE (BASE BID)

TOTAL BASE BID FOR BOOKMOBILE TO INCLUDE THE ITEMIZED SPECIFICATIONS LISTED BELOW: \$ 98,023.00

MAKE and MODEL of VEHICLE PROPOSED: TURTLE TOP BUS, MPV MODEL BOOKMOBILE

CAPACITIES/DIMENSIONS OF PROPOSED VEHICLE: (Attach Sample Drawing of proposed finished vehicle)

Overall Exterior Length:	29'
Overall Exterior Width:	96'
Overall Exterior Height:	115"
Interior Length:	241"
Interior Width:	93"
Interior Height:	76"
Wheelbase:	206"
Floor Height from Ground:	34"
Ground Clearance:	11"
Fuel Tank Capacity:	55 gal
GVWR:	14,500 LBS

SPECIFICATIONS INCLUDED IN BASE BID: * Brand names and model numbers are used to convey desired quality levels, with the option for equivalents. OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide descriptive information) UNIT OF MEASURE QUANTITY UNIT PRICE EXTENDED PRICE (INCLUDED IN BASE BID ABOVE)

SPECIFICATIONS INCLUDED IN BASE BID: * Brand names and model numbers are used to convey desired quality levels, with the option for equivalents.	OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide descriptive information)	UNIT OF MEASURE	QUANTITY	UNIT PRICE	EXTENDED PRICE (INCLUDED IN BASE BID ABOVE)
BODY:					
Turtle Top 012717Q1-Shell Odyssey, MPV BODY - 241" FLOOR ODYSSEY (Welded tubular steel cage; Welded perimeter steel floor frame & plates supported by formed cross-members; Seat track mounted in floors and sidewalls (where applicable); Steel wheel well plates; Drive shaft guards; Re-route exhaust to driver's side; Steel cage primed with rust inhibitor; Underbody foam sealed and undercoated; Rear mud flaps; 5/8" AdvanTech subfloor; Fiberglass front and rear cowls; Fiberglass composite exterior sidewalls; One-piece pre-molded fiberglass roof; 1" polystyrene foam board insulation; Durable bright white reinforced fiberglass ceiling and sidewalls)		EACH	1	\$ 97,715.00	\$ 97,715.00
EXTERIOR SKIRTS: (MPX931) CONTOURED SIDEWALL, MOLDED FLAT EXTERIOR SKIRTS	INCLUDED	EACH	1	\$ -	\$ -
CHASSIS:					
(E45158DSM5P-17) 2017 FORD E450 158" 6.8L GAS V10 W/DOOR; 14,500 LB. GVWR WITH 225 AMP OEM ALTERNATOR		EACH	1	\$ 31,079.00	\$ 31,079.00
COMPRESSED NATURAL GAS (CNG) GASEOUS PREP PACKAGE		EACH	1	\$ 1,377.00	\$ 1,377.00
CHASSIS STRETCH / SUSPENSION:					
CHASSIS: (CHA229) CHASSIS MOD-WB STRCH, 158" TO 206" MOD		EACH	1	\$ 1,314.00	\$ 1,314.00
FRONT SPRING PACKAGE: (MPX702) FORD FRONT SPRING PKG FOR 200" WB OR LONGER		SET	1	\$ 462.00	\$ 462.00
REAR SUSPENSION: (MPX701-1) VAN TERRA & ODYSSEY MOR-RYDE REAR SUSPENSION SYSTEM		EACH	1	\$ 935.00	\$ 935.00
DOOR & WINDOWS:					
ENTRANCE DOOR: (MPDRW095) HEAVY DUTY SEDAN STYLE ENTRANCE DOOR - IN BODY, CURB SIDE; STANDARD FORD 1520 SERIES DOOR		EACH	1	\$ -	\$ -
BAY WINDOWS: (MPDRW417) BAY WINDOW; 18"H X 28-1/2"W; BOTTOM T-SLIDER WITH SCREEN		EACH	2	\$ 126.00	\$ 252.00
REAR WINDOW: (MPDRW512) EGRESS REAR WINDOW 26"H X 54"W		EACH	1	\$ 248.00	\$ 248.00
WINDOW SHADES: (MPDRW801) STITCHBOND OPAQUE PLEATED SHADE		EACH	3	\$ 165.00	\$ 495.00
CLIMATE CONTROL:					
AIR CONDITIONING UNIT: (MPCLC400) ROOF A/C 15,000 BTU WITH HEAT STRIP; NO REMOTE THERMOSTAT		EACH	1	\$ 1,530.00	\$ 1,530.00



**ATTACHMENT C - ITEMIZED SPECIFICATION/COST SHEET
ST. JOHNS COUNTY, FLORIDA**

BID NO. 17-60

PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY PUBLIC LIBRARY

NAME OF BUSINESS: Nations Bus Sales of Florida, Saint Augustine, FL

BOOKMOBILE (BASE BID) (Continued)

SPECIFICATIONS INCLUDED IN BASE BID: * Brand names and model numbers are used to convey desired quality levels, with the option for equivalents.	OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide descriptive information)	UNIT OF MEASURE	QUANTITY	UNIT PRICE	EXTENDED PRICE (INCLUDED IN BASE BID ABOVE)
STORAGE:					
SKIRT STORAGE: (STO307-TT) EXTERIOR SKIRT STORAGE 14" X 19" X 22"		EACH	1	\$ 1,447.00	\$ 1,447.00
ELECTRICAL:					
BATTERIES: (MPELE213) GROUP 31 EXTREME DUTY BATTERIES (QTY 2); MOUNTED IN A VENTED SS BATTERY TRAY WITH SLIDES		EACH	1	\$ 1,447.00	\$ 1,447.00
BACKUP CAMERA: (MPELE346) RVS BACKUP CAMERA; 7" MIRROR MONITOR; INCLUDES: 7" WINDSHIELD MOUNT LCD MONITOR (REPLACES OEM REARVIEW MIRROR), BLIND SPOT ASSIST SYSTEM,		EACH	1	\$ 500.00	\$ 500.00
RECEPTALS: (MPSPECIAL) DOUBLE 110V RECEPTAL WITH DUAL USB PORTS		EACH	4	\$ 105.00	\$ 420.00
RECEPTALS: (MPELE504) RECEPTAL; 110V DOUBLE GFI		EACH	2	\$ 105.00	\$ 210.00
GENERATOR: (MPELE606-C) 7.0 ONAN MARQUIS GAS GENERATOR; INCLUDES GENERATOR BOX AND DOOR		EACH	1	\$ 10,315.00	\$ 10,315.00
CHARGING RELAY: (MPELE627) AUTOMATIC CHARGING RELAY		EACH	1	\$ 523.00	\$ 523.00
SWITCH: (MPELE629) BODY LOAD DISCONNECT SWITCH		EACH	1	\$ 80.00	\$ 80.00
ELECTRICAL PACKAGE: (MPELE704) ELECTRICAL PACKAGE; BASIC 110V, 50 AMP; INCLUDES: 110V INLET 30' SHORE POWER CORD, 50-AMP ELECTRICAL BOX, 50-AMP MAIN BREAKER, 50-AMP TRANSFER SWITCH		EACH	1	\$ 790.00	\$ 790.00
CONVERTER: (MPELE705-2) CONVERTER 110V TO 12V, 60 AMP WITH CHARGER		EACH	1	\$ 475.00	\$ 475.00
SWITCH PANEL: OPERATOR-FRIENDLY SWITCH PANEL		EACH	1	\$ -	\$ -
WIRING: COLOR-CODED HIGH TEMP GXL WIRING		SET	1	\$ -	\$ -
FLOORING:					
PER SPECIFICATIONS: (MPFLR112) ALTRO FLOOR UPRGRADE, ODYSSEY		EACH	1	\$ 325.00	\$ 325.00
SAFETY:					
(MPSFY301) BACK-UP ALARM		EACH	1	\$ 60.00	\$ 60.00
(MPSFY304) CARBON MONOXIDE MONITOR		EACH	1	\$ 160.00	\$ 160.00
LIGHTS & SIGNS:					
LOAD AREA CEILING LIGHTS: (MPLTS304) MAXXIMA M84426 LED CEILING LIGHT		EACH	7	\$ 170.00	\$ 1,190.00
EXTERIOR LED THIRD BRAKE LIGHT		EACH	1	\$ -	\$ -
INCANDESCENT BACKUP LIGHTS		EACH	1	\$ -	\$ -
LED LICENSE PLATE LIGHTS		EACH	1	\$ -	\$ -
CONVENIENCE LIGHTING IN CAB AND STEPWELL		EACH	1	\$ -	\$ -
INTERIOR:					
SIDEWALLS AND CEILING: (STANDARD) WHITE PEBBLE GRAIN FRP SIDEWALLS AND CEILING		EACH	1	\$ -	\$ -
ASSIT RAIL: (MPINT208) ASSIST RAIL; ANGLED AT LEFT OF ENTRANCE DOOR, GRAB BAR (18") AT RIGHT OF ENTRANCE DOOR		SET	1	\$ 180.00	\$ 180.00
INTERIOR CABINERY:					
DESK: FIXED, CURVED DESK LOCATED AT THE FRONT OF UNIT		EACH	1	\$ 825.00	\$ 825.00
DESK: FIXED, CURVED DESK WITH TWO (2) FILE DRAWERS IN REAR OF UNIT		EACH	1	\$ 1,000.00	\$ 1,000.00
BOOK RETURN: 24" BUILT-IN ENCLOSED BOOK RETURN		EACH	1	\$ 800.00	\$ 800.00
SEATING:					
TASK CHAIR: (MPSTS-DC) TASK CHAIR WITH TIE-DOWNS		EACH	2	\$ 292.00	\$ 584.00
DRIVER'S SEAT: (OEM) DRIVER'S HIGH BACK SEAT		EACH	1	\$ -	\$ -



ATTACHMENT C - ITEMIZED SPECIFICATION/COST SHEET
 ST. JOHNS COUNTY, FLORIDA
 BID NO. 17-60

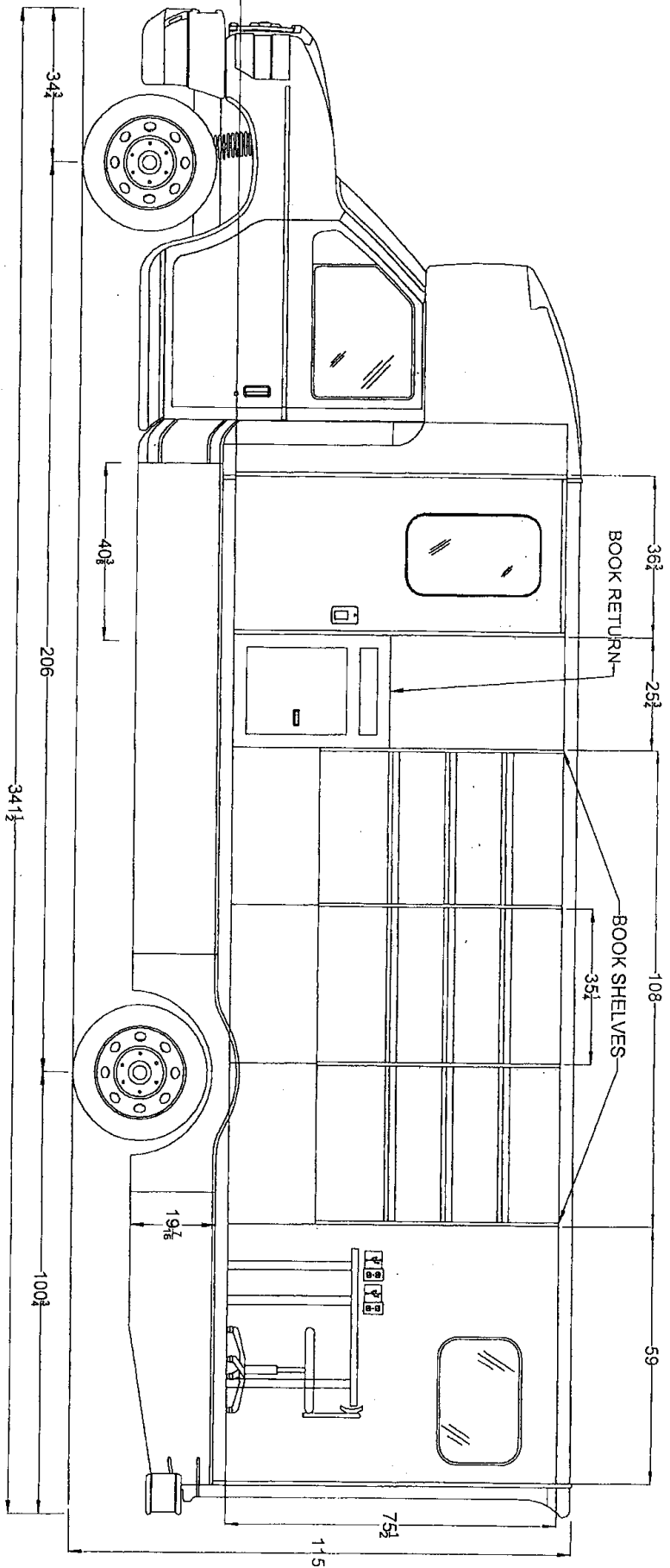
PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY PUBLIC LIBRARY

NAME OF BUSINESS: Nations Bus Sales of Florida, Saint Augustine, FL

A. (b)(1)(A)(i) - (E) (B) (1) (continued)						
SPECIFICATIONS INCLUDED IN BASE BID: * Brand names and model numbers are used to convey desired quality levels, with the option for equivalents.		OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide descriptive information)	UNIT OF MEASURE	QUANTITY	UNIT PRICE	EXTENDED PRICE (INCLUDED IN BASE BID ABOVE)
EXTERIOR OPTIONS:						
WHEEL LINERS: (MPEXT101) WHEEL LINERS, STAINLESS STEEL, ODYSSEY (4 EACH)			SET	1	\$ 285.00	\$ 285.00
TIRE CARRIER: (MPEXT103) TIRE CARRIER UNDERFLOOR, ODYSSEY			EACH	1	\$ 205.00	\$ 205.00
SPARE TIRE: (MPEXT104) SPARE TIRE AND WHEEL, ODYSSEY			EACH	1	\$ 415.00	\$ 415.00
MIRRORS: (MPEXT501) MIRRORS, POWER REMOTE WITH HEAT, ODYSSEY			SET	1	\$ 380.00	\$ 380.00
B. OPTIONAL ALTERNATIVES FOR BOOKMOBILE (NOT INCLUDED IN BASE BID)						
SPECIFICATIONS: * Brand names and model numbers are used to convey desired quality levels, with the option for equivalents.		OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide descriptive information)	UNIT OF MEASURE	QUANTITY	UNIT PRICE	EXTENDED PRICE
ALT 1	SHELVING: ACORE BOOK SHELVING, 36"W X 12"D		EACH	8	\$ 1,700.00	\$ 13,600.00
ALT 2	EXTERIOR WRAP FOR GRAPHICS AND SIGNAGE		EACH	1	\$ 5,900.00	\$ 5,900.00
ALT 3	MANUAL AWNING		EACH	1	\$ 2,125.00	\$ 2,125.00

FLAT BACK: Y N STRAIGHT WALL: Y N SKIRTS: CONTOURED MOLDED FLAT FLAT PANEL

CUT CAB: UNCUT CAB WALL WALL & ROOF



NOT FOR PRODUCTION

THIS DRAWING IS FOR PICTORIAL REFERENCE ONLY. ACTUAL DIMENSIONS MAY VARY FROM EACH PRODUCTION ORDER

NOTES SIGNATURE:

DRIVER SIDE INTERIOR ELEVATIONS

THIS DRAWING AND THE INFORMATION CONTAINED THEREON ARE THE EXCLUSIVE PROPERTY OF (MPV DESIGN) AND SHALL NOT BE COPIED OR REPRODUCED IN ANY MANNER WITHOUT OUR WRITTEN CONSENT.

MPV-ODY
 241"
 2017 FORD E450
 14,500
 GAS
 030817Q2-GH-A



DATE: 07/05/2017
 SCALE: DNS
 FILE: GAS
 DRAWING #: 030817Q2-GH-A

FLAT BACK:

Y N

STRAIGHT WALL:

Y N

SKINETS:

CONTOURED

MOLDED FLAT

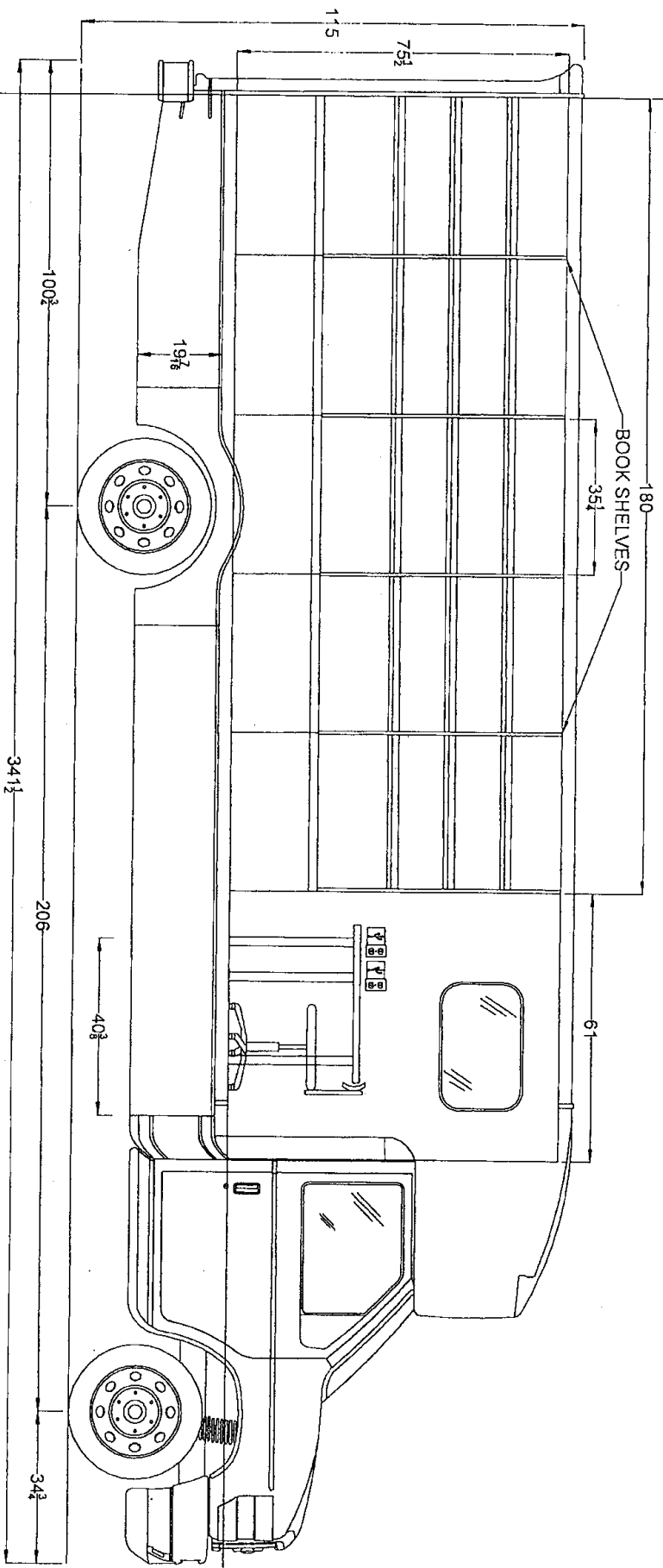
FLAT PANEL

CUT CAB:

UNCUT

CAB WALL

WALL & ROOF



NOT FOR PRODUCTION

THIS DRAWING IS FOR PICTORIAL REFERENCE ONLY. ACTUAL DIMENSIONS MAY VARY FROM EACH PRODUCTION ORDER

NOTES: SIGNATURE:

PASSENGER SIDE INTERIOR ELEVATIONS

THIS DRAWING AND THE INFORMATION CONTAINED THEREON ARE THE EXCLUSIVE PROPERTY OF TURTLE TOP AND SHALL BE COPIED OR REPRODUCED IN ANY MANNER WITHOUT OUR WRITTEN CONSENT.



WS = WORKSTATION, OH = OVERHEAD, FTC = FLOOR TO CEILING, CABINET TOLERANCE = (+/-) 1/2"

FILE NAME: 030817Q2-GH-A_FORD_241-206_FD29_BOOKMOBILE

MODEL: MPV-ODY

FLOOR LENGTH: 241"

YEAR & CHASSIS TYPE: 2017 FORD E450

OWNER: 14,500

SCALE: DNS

DATE: 07/05/2017

DRSN: BPG

SCALE: DNS

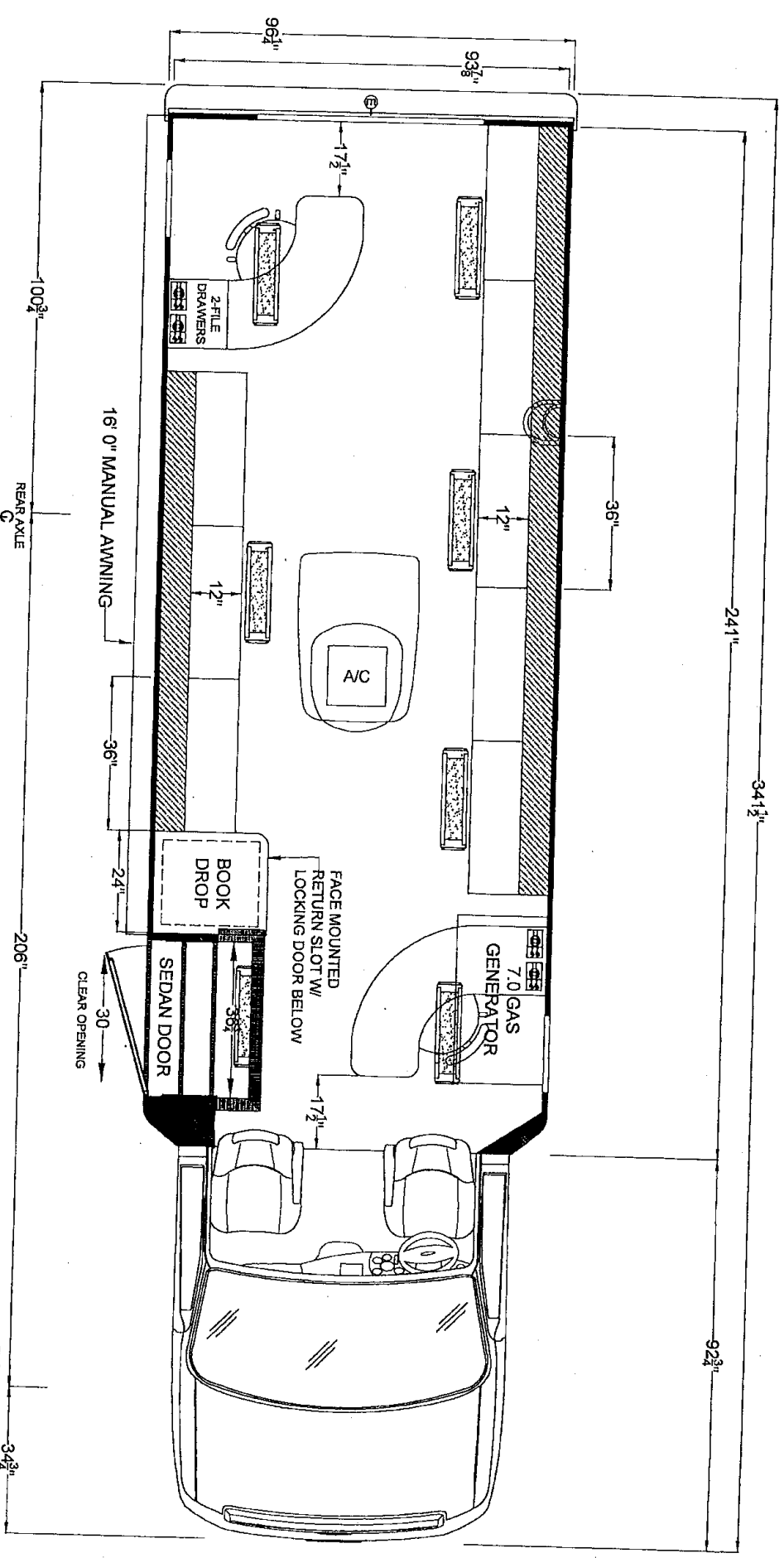
DATE: 07/05/2017

FUEL: GAS

DRAWING #: 030817Q2-GH-A

FLAT BACK: Y N STRAIGHT WALL: Y N SKIRTS: CONTOURED MOLDED FLAT FLAT PANEL

CUT CAB: UNCUT CAB WALL WALL & ROOF



PRELIMINARY

DRAWING FOR QUOTE PURPOSES ONLY.
 ENGINEERING INTERVENTION NECESSARY TO
 ENSURE THIS CONFIGURATION IS
 PRODUCTION READY. EXTENDED LEAD TIMES
 AND VARIANCES FROM DRAWING MAY OCCUR.

NOTES SIGNATURE:


THE DRAWINGS AND INFORMATION CONTAINED THEREON ARE THE EXCLUSIVE PROPERTY OF TURTLE TOP (MPV DIVISION). NO REPRODUCTION OR USE SHALL BE MADE IN ANY MANNER WITHOUT OUR WRITTEN CONSENT.

FILE NAME:	VMS = WORKSTATION, OH = OVERHEAD, FTC = FLOOR TO CEILING, CABINET TOLERANCE = (+/-) .112"		
MODEL:	030817Q2-GH-A_FORD_241-206_FD29_BOOKMOBILE	FLOOR LENGTH:	241"
MODEL:	MPV-ODYSSEY	YEAR & CHASSIS TYPE:	2017 FORD
		GVW:	14,500
		FUEL:	GAS



DATE: 03/09/2017
 SCALE: DNS
 DESIGNED BY: DEG

DRAWING # 030817Q2-GH-A

Order Date	7/28/2017	012717Q1-B COMPLETE	(Effective September 1, 2018)
Distributor Name	NATIONAL BUS SALES	ODYSSEY	
Contact Name	CHIP OSBORNE		
Address			
City			
State			
Zip			
Phone			
Fax			
Email			
Vehicle Customer	ST. JOHNS COUNTY BID #17-00		
Customer Name			
Address			
City			
State			
Zip			
Phone			
Fax			
Email			
Fleet or GPC Info.			

2017



Chassis not purchased from Turtle Top will be assumed a 3360 Pool Pcs

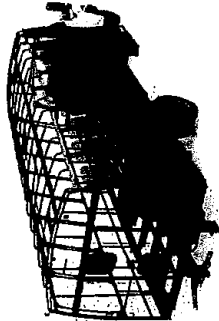
QTY	PART ID	DESCRIPTION	ADDITIONAL INFO <small>(Highlight cell to see full info. at top)</small>	UM	UNIT PRICE	EXT PRICE
1	MPESPECIAL	MPV BODY - 241" FLOOR	Mor / Ryde suspension option is REQUIRED on ALL MPV models (N/A to F-M2, XL & XLT) Note that the cost for this required option is NOT included in the body price.	EA		
1	MPEXT331	MOLDED FLAT EXTERIOR SKIRTS	SEE SKIRT OPTION TABLE BELOW FOR APPLICABLE OPTION	EA	N/C	
1	E4515DMSMP-17-G	2017 E450 158" 6.8L GASOLINE V10 W/ DOOR	14,500# GVWR WITH 225 AMP OEM ALTERNATOR	EA		
1	CHA228	CHASSIS MOD-WB STRCH, 158" to 206" MOD		EA		
1	MPEXT702	FRONT SPRING PKG-REQ'D 200" WB OR LONGER	FORD	SET		
1	MPEXT701-1	MOR-RYDE REAR SUSPEN. SYSTEM	VAN TERRA & ODYSSEY	EA		
1	MPDRW095	H.D. SEDAN STYLE ENTRANCE DOOR - IN BODY	STANDARD - 1520 SERIES DOOR	EA	std	
2	MPDRW417	BAY WINDOW - 18" h X 28 1/2" w	-BOTTOM T-SLIDER W/ SCREEN	EA		
1	MPDRW512	REGRESS REAR WINDOW 26" h X 54" w		EA		
3	MPDRW801	STITCHBOND OPAQUE PLEATED SHADE, EACH	COLOR:	EA		
1	MPCLC400	ROOF A/C-15,000 BTU W/HEAT STRIP	NO REMOTE THERMOSTAT	EA		
1	MPST007	EXTERIOR STORAGE BOX, ODYSSEY	SKIRT STORAGE (22" L x 14" H x 19" D)	EA		
1	MPELE213	GROUP 31 EXTREME DUTY BATTERIES (QTY. 2)	MOUNTED IN A VENTED 55 BATTERY TRAY WITH SLIDES	EA		
1	MPELE346	RVS BACKUP CAMERA - 7" MIRROR MONITOR	Includes: - 7 inch windshield mount LCD Monitor (Replaces OEM rearview mirror) - Blind Spot Assist System - Two side view blind spot cameras - One rear backup camera	EA		
4	MPESPECIAL	DOUBLE 110V RECPTS W/DUAL USB PORTS		EA		
2	MPELE204	RECEIPT 110V DOUBLE-LET, EACH		EA		
1	MPELE606-C	7.0 ONAN MARQUIS GAS GENERATOR	INCLUDES: GENERATOR BOX & DOOR	EA		
1	MPELE627	AUTOMATIC CHARGING RELAY		EA		
1	MPELE629	BODY LOAD DISCONNECT SWITCH		EA		
1	MPELE704	ELECTRICAL PACKAGE - BASIC 110V, 50 AMP	INCLUDES: 110V INLET 30' SHORE POWER CORD 50-AMP ELECTRICAL BOX 50-AMP MAIN BREAKER 50-AMP TRANSFER SWITCH	EA		
1	MPELE705-2	CONVERTER-110V TO 12V, 60AMP W/CHARGER		EA		
1	MPFLR112	ALTR0 FLOOR UPGRADE, ODYSSEY		EA		
1	MPEFY301	BACK-UP ALARM		EA		
1	MPEFY304	CARBON MONOXIDE MONITOR		EA		
7	MPLTS304	MAXXIMA MB4426 LED CEILING LIGHT		EA		
1	STANDARD	WHITE PEBBLE GRAIN FRP SIDEWALLS & CEILING		EA		
1	MPINT207	ASSIST RAIL-ENTRY, RIGHT SIDE, BRT. S.S.	INTERIOR	EA		
1	MPINT208	ASSIST RAIL- ANGLED AT ENTRANCE DOOR		EA		
1	MPINT900	CABINETRY	(1) CURVED FIXED DESK, FRONT OF UNIT; (1) CURVED FIXED DESK WITH 2-FILE DRAWERS, REAR OF UNIT; (1) 24" BOOK RETURN CART ON WHEELS	EA		
1	MPEXT101	WHEEL LINERS-STAINLESS STEEL, ODYSSEY(4)		SET		
1	MPEXT102	TIRE CARRIER-UNDERFLOOR, ODYSSEY		EA		
1	MPEXT104	SPARE TIRE & WHEEL, ODYSSEY		EA		
1	STANDARD	RE-ROUTE EXHAUST TO DRIVER'S SIDE		EA		
1	MPEXT501	MIRRORS-POWER REMOTE W/HEAT, ODYSSEY ONLY		SET		
2	MPST8-DC	TASK CHAIR WITH TIE-DOWNS		EA		
1	OEM	DRIVER'S HIGH BACK SEAT		EA		
3	PSEOCBODY792A	Additional complete TT Body key set	Includes additional key set for entire body locks (chassis not included)	EA		
1	PSEOCBA1019	ADDITIONAL CHASSIS KEY	Chassis include two (2) keys, this option includes one (1) additional chassis key - NO ADDITIONAL KEY FOB	EA		
1	MPEXT914	AWNING - 16 FOOT MANUAL		EA		
1	MPESPECIAL	SCORE BOOK SHELVING		SET		
GRAND TOTALS						

Turtle Top MPV Code • Welded tubular steel cage • Welded perimeter steel floor frame & plates supported by formed crossmembers • Seat track mounted in floors and sidewalls (where applicable) • Steel wheel well plates • Drive shaft guards • Re-route exhaust to driver's side • Steel cage primed with rust inhibitor • Underbody foam sealed and undercoated • Rear mud flaps • 5/8" AdvanTech subfloor • Fiberglass front and rear cowls • Fiberglass composite exterior sidewalls • Flat Panel Extruded Fiberglass Composite Skirting • One-piece pre-molded fiberglass roof • 1" polystyrene foam board insulation • Entrance door - Sedan / heavy duty built in body • Manual water shutoff valves • Exterior LED third brake light • Incandescent backup lights • LED license plate lights • Nitrogen tire inflation • 80" interior height • Flat floor with three step entries • Smooth black rubber floor, black ribbed rubber aisle, black rubber in stepwell, with black step treads • Durable bright white reinforced fiberglass ceiling and sidewalls • Angled hand rail at left of entrance door, grab bar (18" at right of entrance door) • Convenience lighting in cab and stepwells • Operator-friendly switch panel • Color-coded high temp GXL wiring • Dome lights • Incandescent center ceiling NOTE - Some Optional or Model equipment will negate the use of standard equipment listed above

MPV Skirt Options

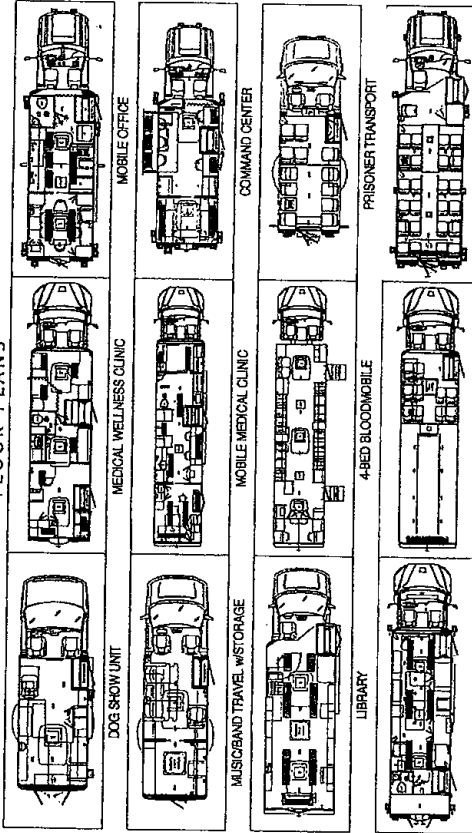
VanTerra	Curved Sidewall	Straight Sidewall
Odyssey	Contoured	NOT AVAILABLE
Odyssey XL - Ford F-550	Contoured, Molded Flat	NOT AVAILABLE
Odyssey XL - F1LR 26K	Contoured, Molded Flat	Flat Panel
Odyssey XLT - F1LR 33K	Contoured, Flat Panel	Flat Panel

CONSTRUCTION



- ◊ Strongest floor in the industry starts with G-channel cross members that stretch from wall to wall
- ◊ Full perimeter frame completes floor to stand up to years of performance.
- ◊ Center aisle stiffeners consisting of reverse cap steel C-channel prevent aisle sagging after years of operation
- ◊ Seat tracks mounted on reverse cap steel C-channels have been tested and certified to exceed DOT Standards
- ◊ Steel corner window gussets add perimeter sidewall strength
- ◊ Fully-primed roll cage is painted before construction begins
- ◊ Huber Industrial Panel ® floor is secured with adhesive and mechanical fasteners for no squeaks or movement
- ◊ Sidewalls and ceiling insulated by closed-cell stiff foam board

FLOOR PLANS



PRE-K DAY CARE WANNING

BLOODMOBILE EQUIPMENT & PERSONNEL TRANSPORT

ODYSSEY XL PRISONER TRANSPORT



TURTLETOP

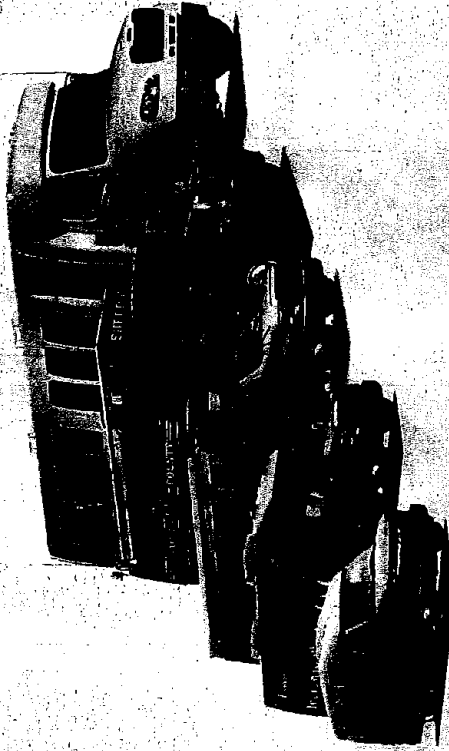
67819 State Road 15
New Paris, IN 46553
800.296.2105
574.631.4349 (fax)
www.turtletop.com



Distributor

Turtle Top reserves the right to make changes at any time to prices, colors, materials, equipment, design specifications and models. Please see your distributor for up-to-date specifications and additional product information.
© 2013 Turtle Top, Inc. 02/13/13

50
TURTLETOP
CELEBRATING 50 YEARS
QUALITY. SAFETY. INNOVATION



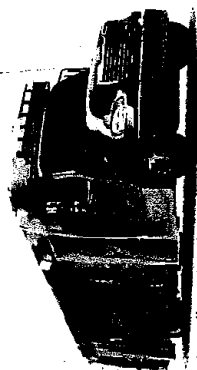
MULTI-PURPOSE SPECIALTY VEHICLES



Bloodmobile



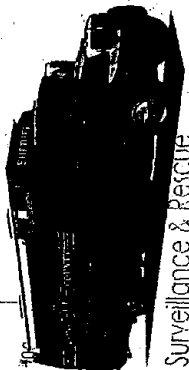
Prisoner Transportation



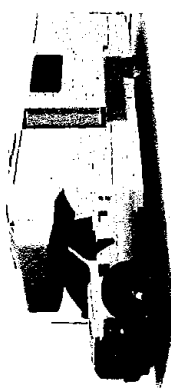
Medical Wellness Clinic



Mobile Sales



Surveillance & Rescue

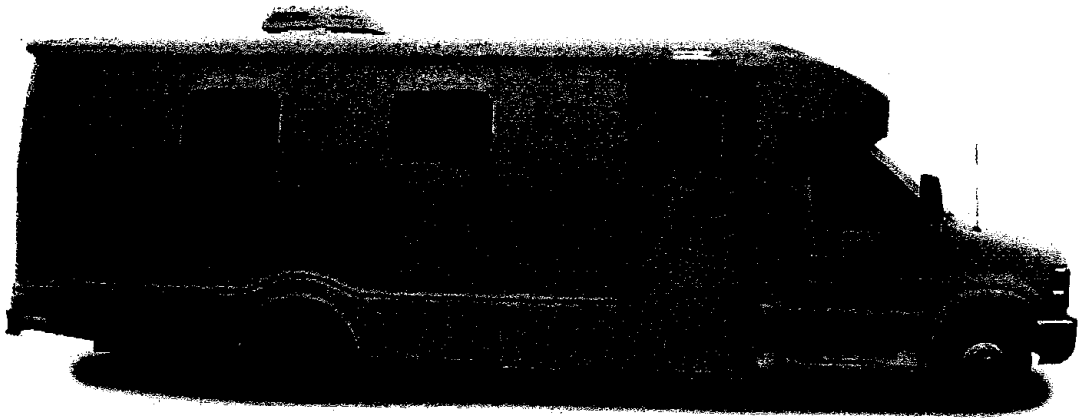


Interview / Counseling (with slide-out)

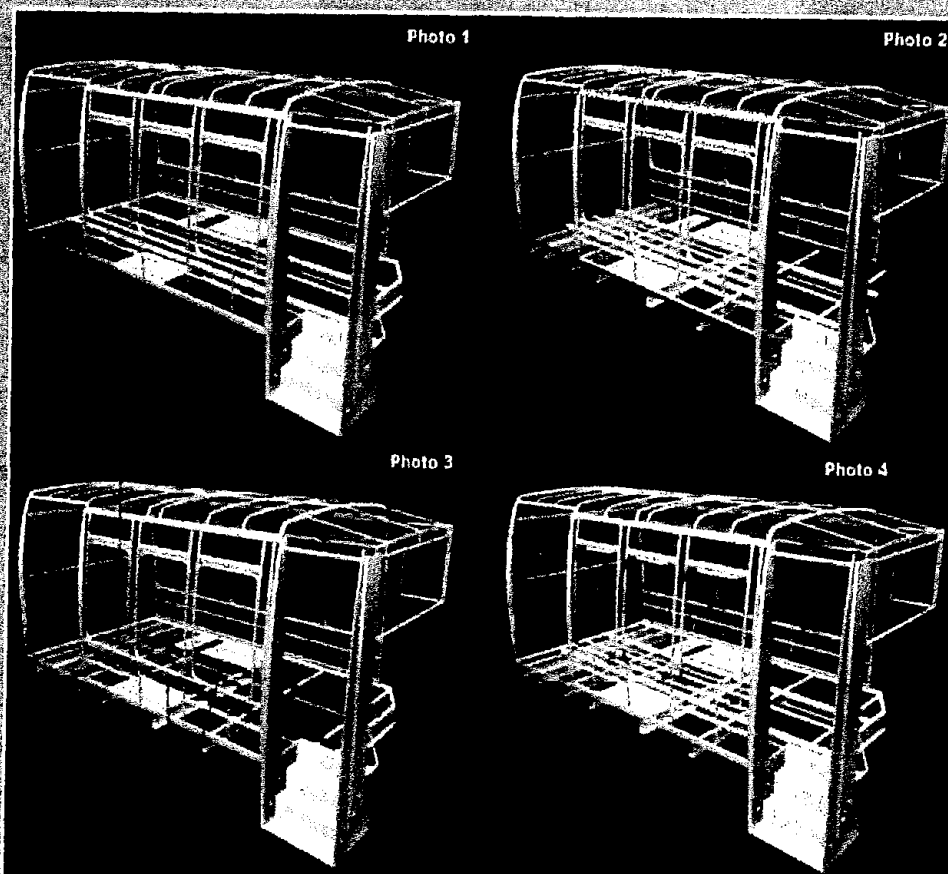


Personal Use





Inside the Turtle Top construction



Construction of a Turtle Top vehicle begins at the floor starting with G-channel cross members that stretch from wall to wall (photo 1) followed by a full perimeter frame (photo 2). Most of the weight from the construction of the cage ends up on the exterior perimeter frame where the walls meet and seats are installed.

Center aisle stiffeners built of reverse cap steel C-channel (photo 3) prevents the aisle from sagging after years of operation. The seat tracks also mounted on reverse cap steel C-channels have been tested and certified to exceed DOT standards.

The contoured walls add strength, aerodynamic wind advantages and aesthetics that complement the quality and style. Steel corner window gussets (photo 4) add perimeter sidewall strength and create a solid built frame for the window that prevents window sags and water leaks. All welds are made with a continuous bead as opposed to spot welding.

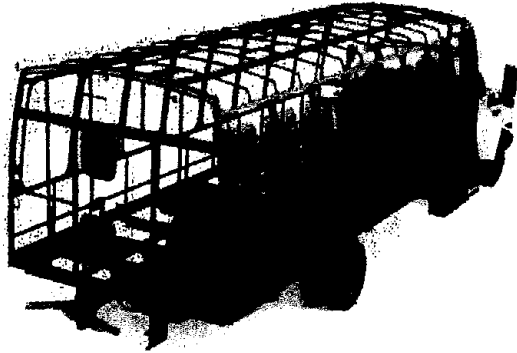
One test at a time

At Turtle Top, our proprietary testing and compliance program ensures product safety and durability. Our goal is to meet and exceed Federal Motor Vehicle Safety Standards (FMVSS). To do so, we utilize the Federal Bus Research & Testing Center (BRTC) and MGA Research Component Body Strength Testing (Photo 5). These tests confirm that our vehicles are among the safest in the industry.

Seating components, seat belt assemblies, and all corresponding mounting procedures exceed FMVSS standards (photo 6). Shown in photo 7 is our window test, which withstood over 315 lbs of pressure. 200 gallons of water per minute are used to locate potential leaks in our continuous-water test (photo 8). This is performed on every vehicle before it is put on the road. As you can see, we make your safety a TOP priority.

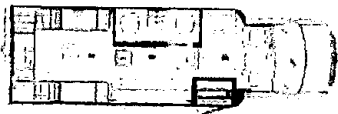


CONSTRUCTION

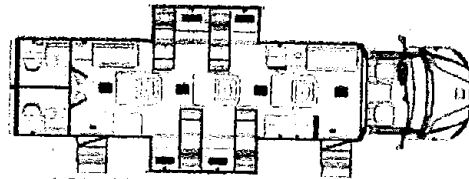


- ◇ Strongest floor in the industry starts with G-channel cross members that stretch from wall to wall
- ◇ Full perimeter frame completes floor to stand up to years of performance.
- ◇ Center aisle stiffeners consisting of reverse cap steel C-channel prevent aisle sagging after years of operation
- ◇ Seat tracks mounted on reverse cap steel C-channels have been tested and certified to exceed DOT Standards
- ◇ Steel corner window gussets add perimeter sidewall strength
- ◇ Fully-primed roll cage is painted before construction begins
- ◇ Huber Industrial Panel ® floor is secured with adhesive and mechanical fasteners for no squeaks or movement
- ◇ Sidewalls and ceiling insulated by closed-cell stiff foam board

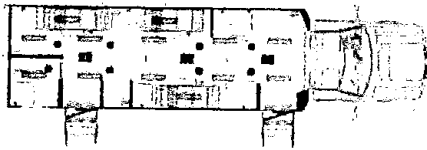
FLOOR PLANS



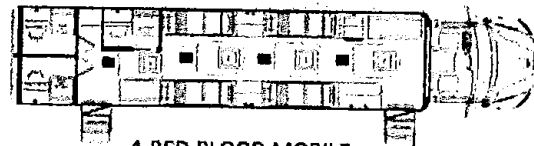
3-BED BLOOD MOBILE



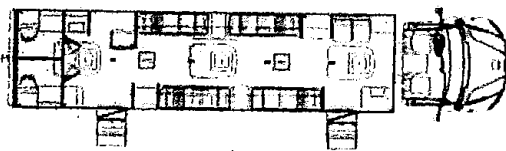
4-BED BLOOD MOBILE WITH 2 SLIDE OUTS



3-BED BLOOD MOBILE



4-BED BLOOD MOBILE



4-BED BLOOD MOBILE



MOBILE MEDICAL CLINIC



TURTLE TOP



67819 State Road 15
New Paris, IN 46553
800.296.2105



Distributor

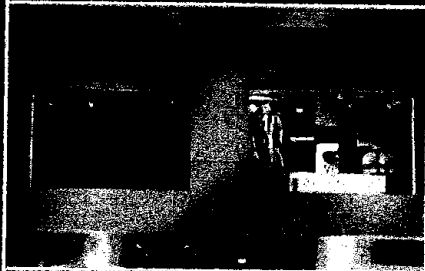
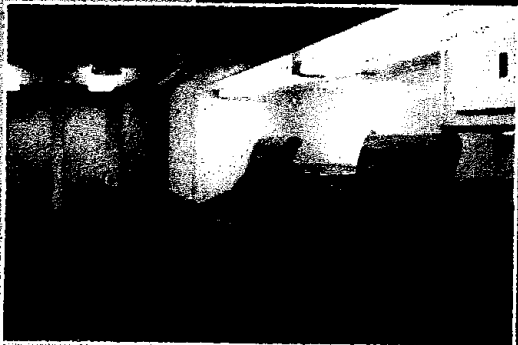
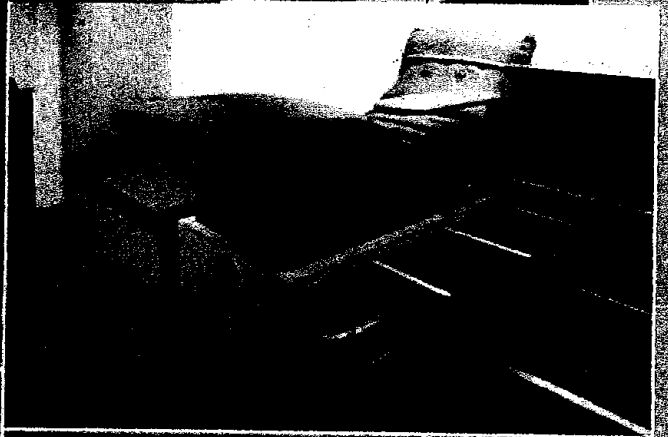
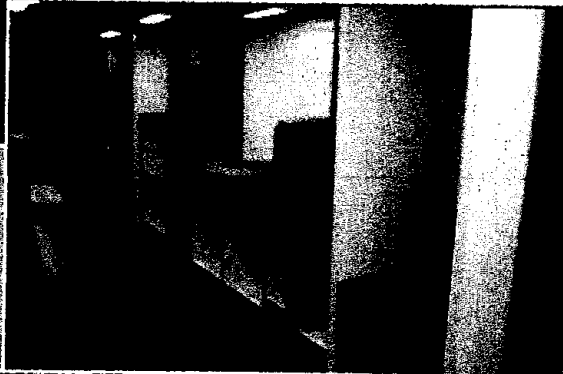
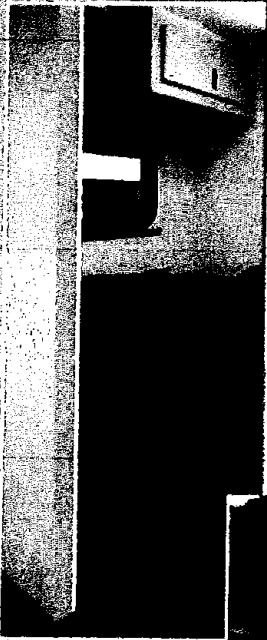
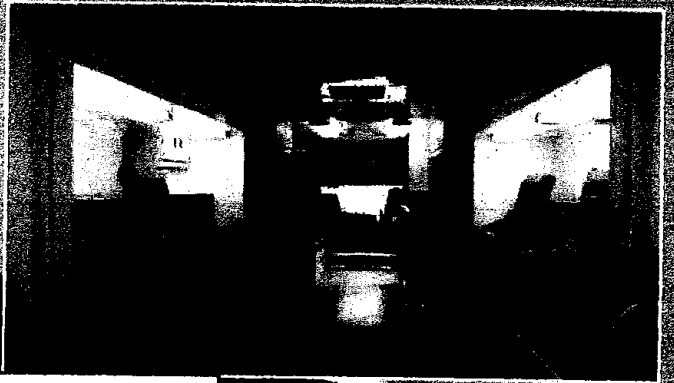
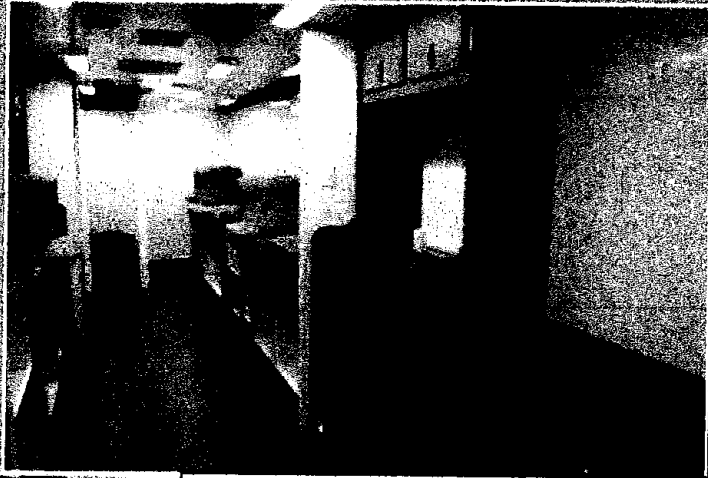
Turtle Top reserves the right to make changes at any time to price, colors, materials, equipment, design specifications, and models. Please see your dealer/distributor for up-to-date specifications and additional optional accessories.
© 2014 Turtle Top (MPV 10.2014)

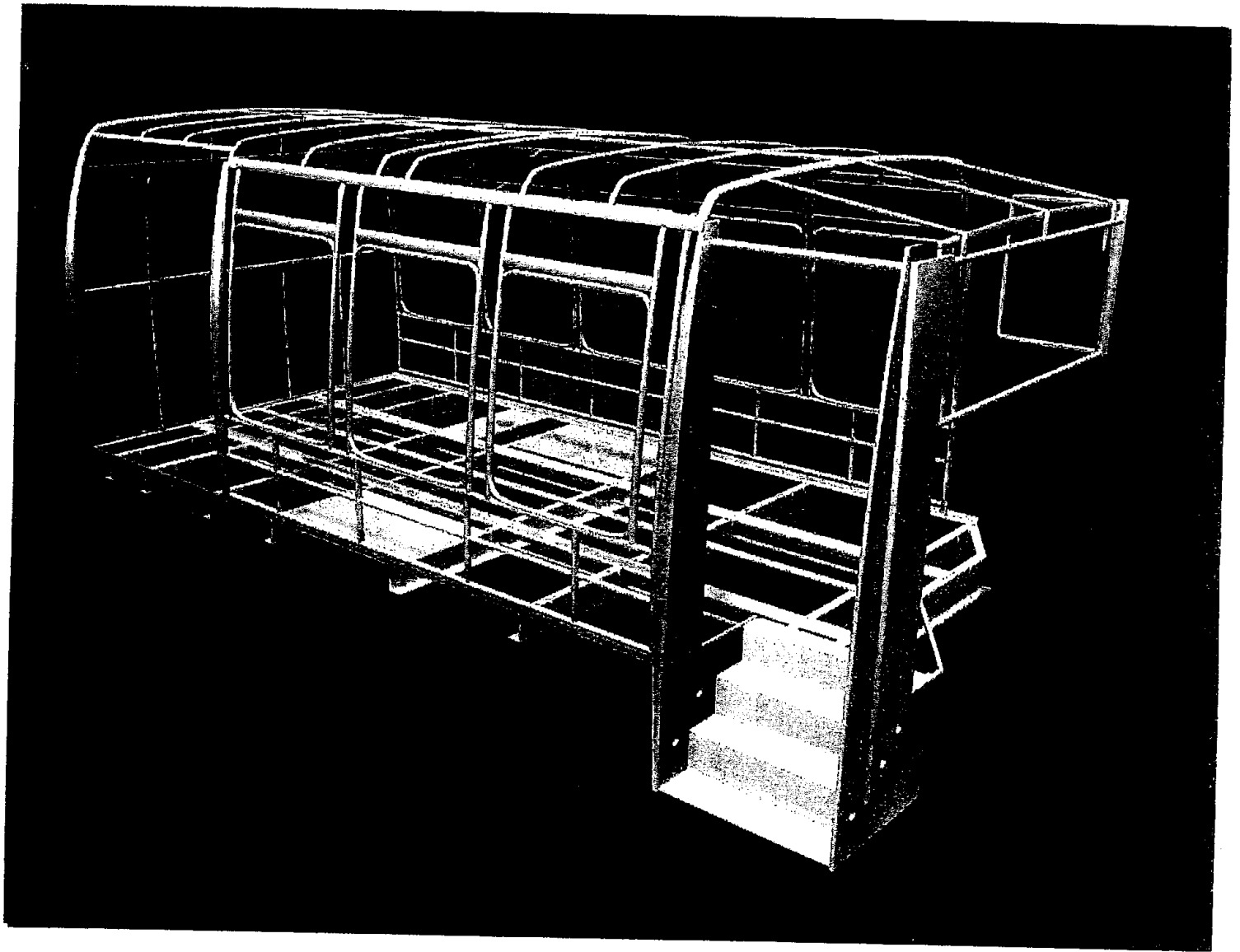


TURTLE TOP
CELEBRATING OVER 50 YEARS
QUALITY. SAFETY. INNOVATION.



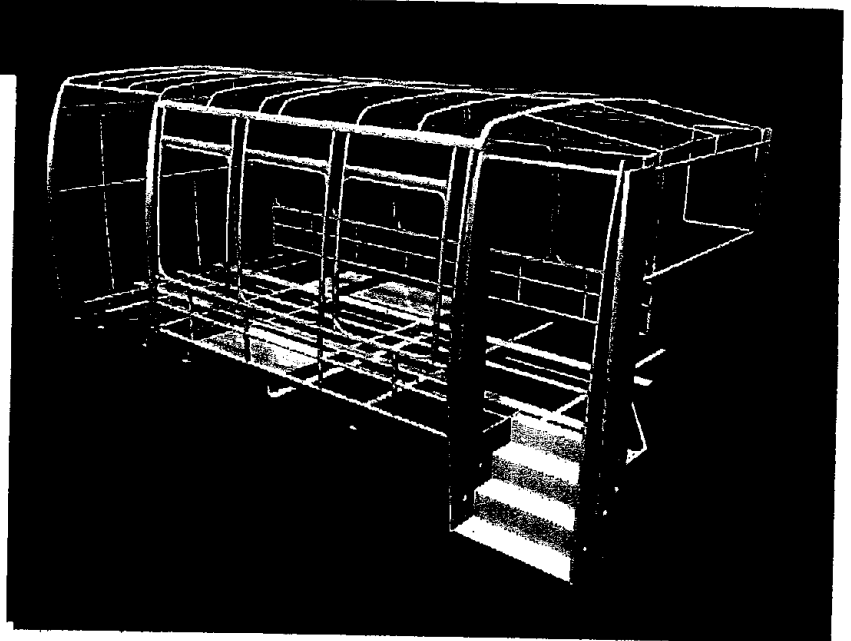
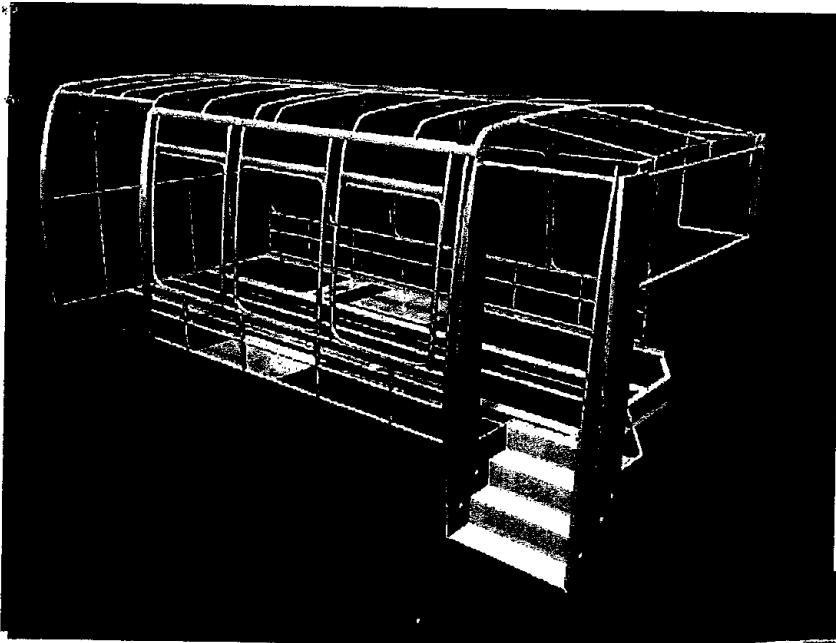
Bloodmobiles





TURTLE TOP'S total body components are second to none. They represent the finest materials and workmanship available.

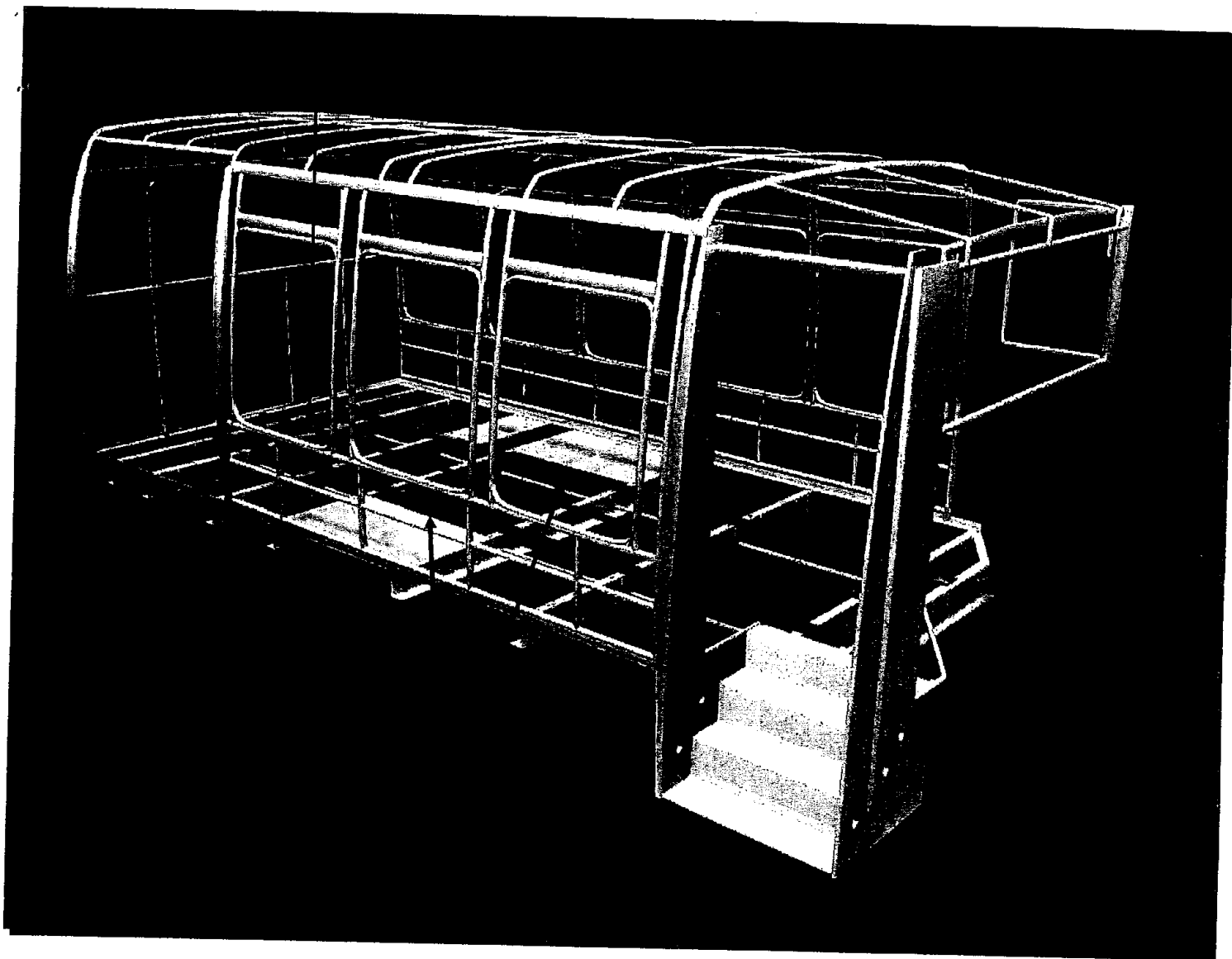
**TURTLE TOP**



SOUND CONSTRUCTION starts from the floor up. Turtle Top builds the strongest floor in the industry starting with G-channel cross members (A) that stretch from wall to wall. A full perimeter frame (B) completes the floor to stand up to years of performance. Most of the weight from the construction of the cage ends up on the exterior perimeter frame (B) where walls meet and seats are installed.



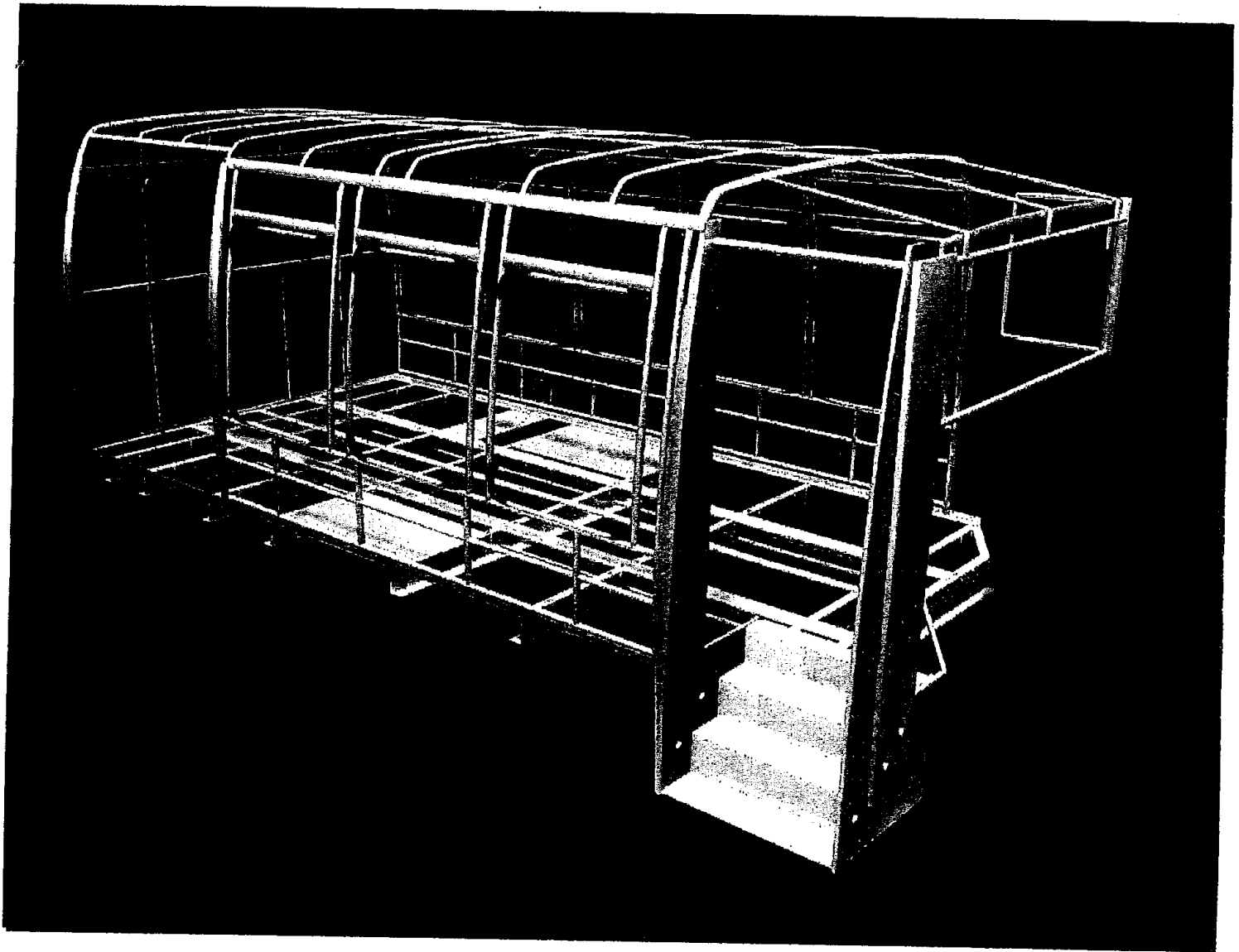
TURTLETOP



CENTER AISLE STIFFENERS consisting of reverse cap steel C-channel (C) prevents the aisle from sagging after years of operation.

SEAT TRACKS mounted on reverse cap steel C-channels (D) have been tested and certified to exceed DOT Standards (see testing and compliance).


TURTLE TOP



CONTOURED WALLS add strength, aerodynamics wind advantages and esthetics to complement quality and style. Steel corner window gussets (E) add perimeter sidewall strength and create a solid built frame for the windows that prevents window sags and water leaks. All welds are made with a continuous bead versus spot welding by other manufacturers.

Full construction details can be found in the specification section.

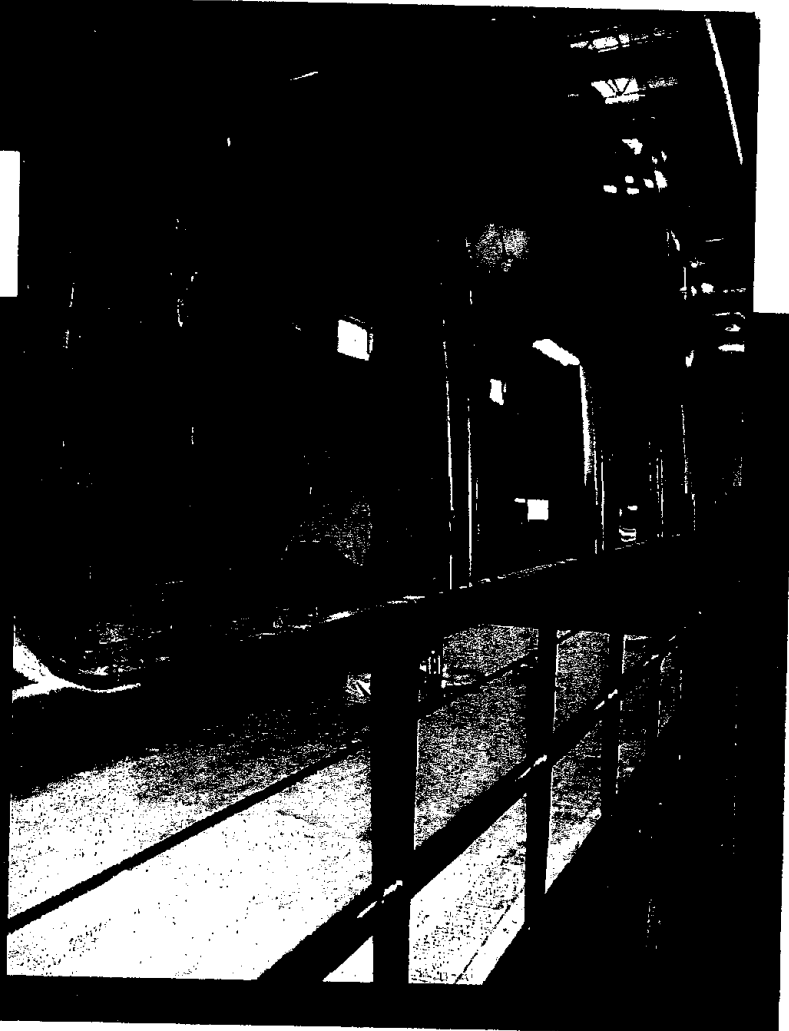

TURTLETOP

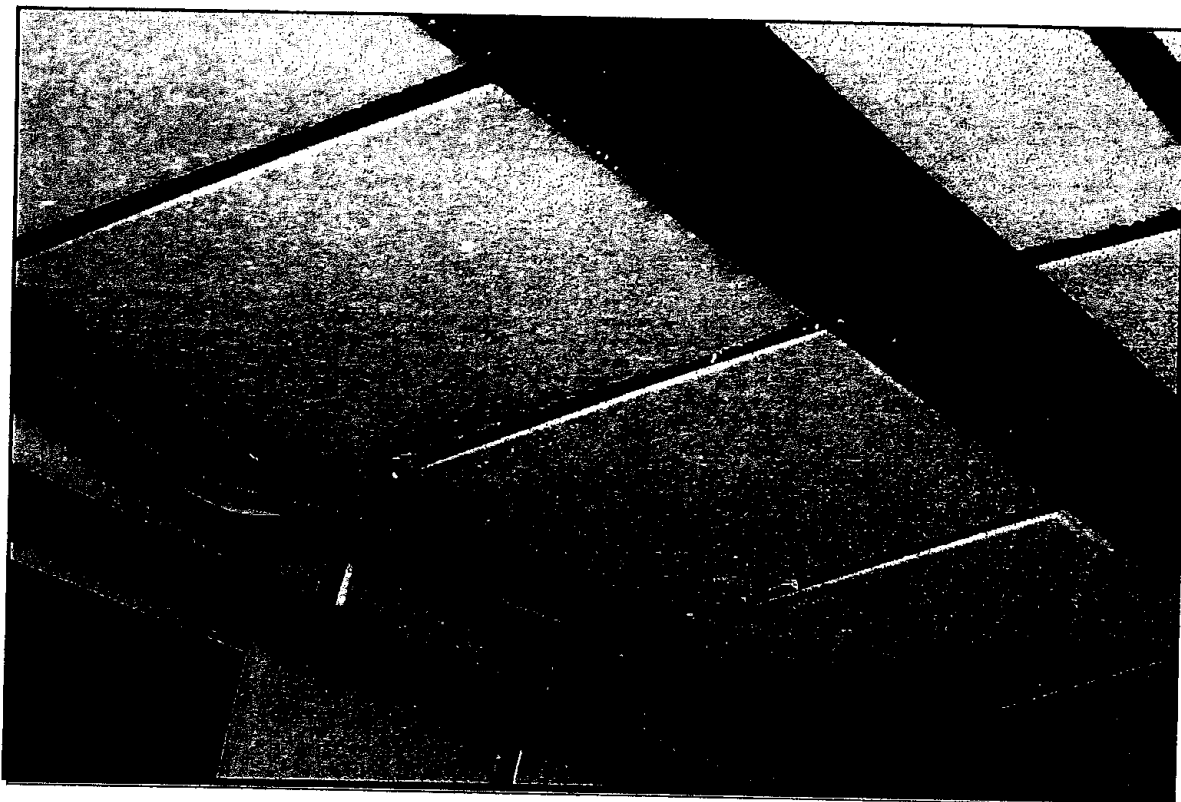


THE FULLY-PRIMED roll
cage is painted before
construction begins.

THE ADVANTECH® FLOOR is
secured with adhesive and
mechanical fasteners for no
squeaks or movement.

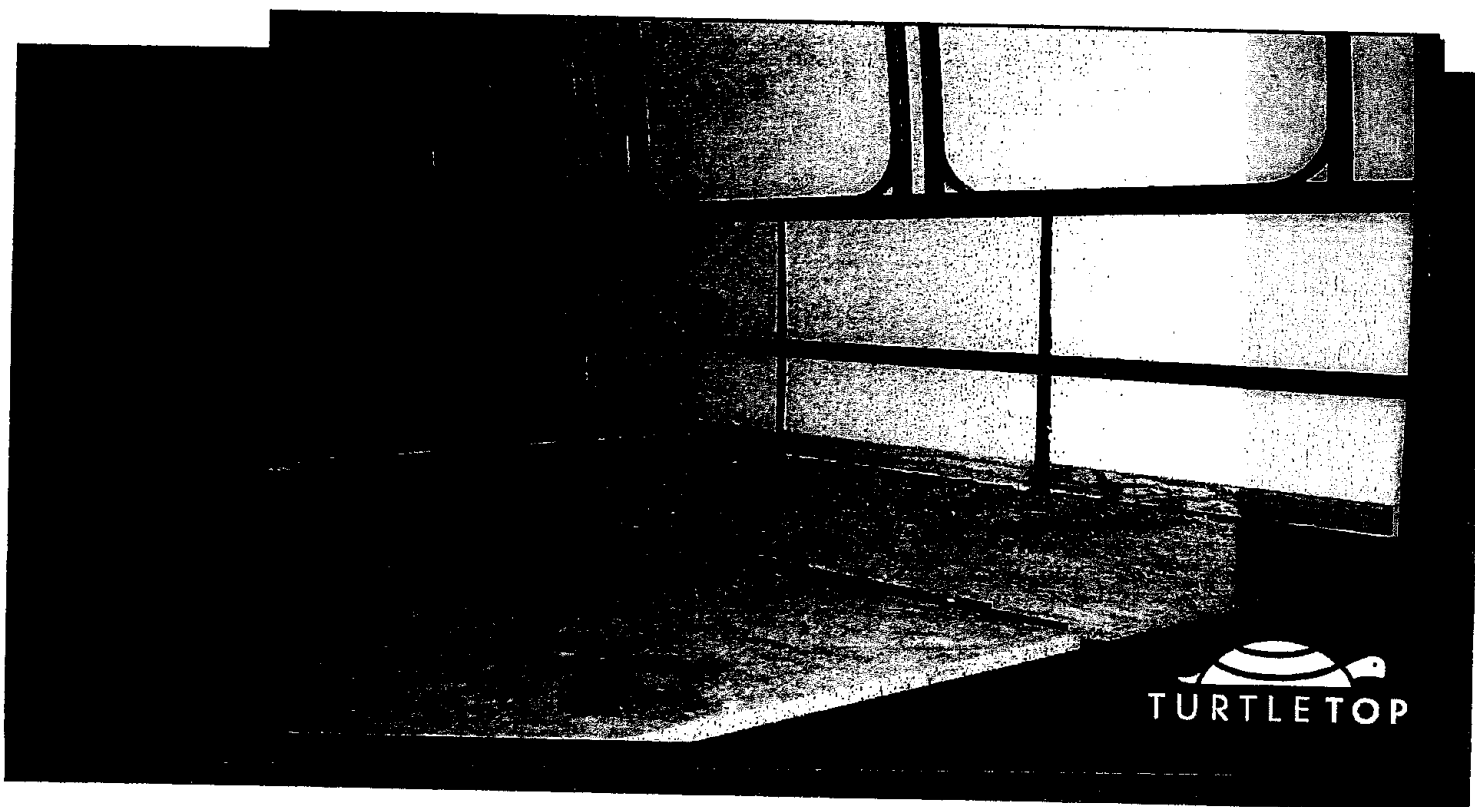
AdvanTech® is a trademark for
flooring that carries a superior
warranty eclipsing any other
material on the market.



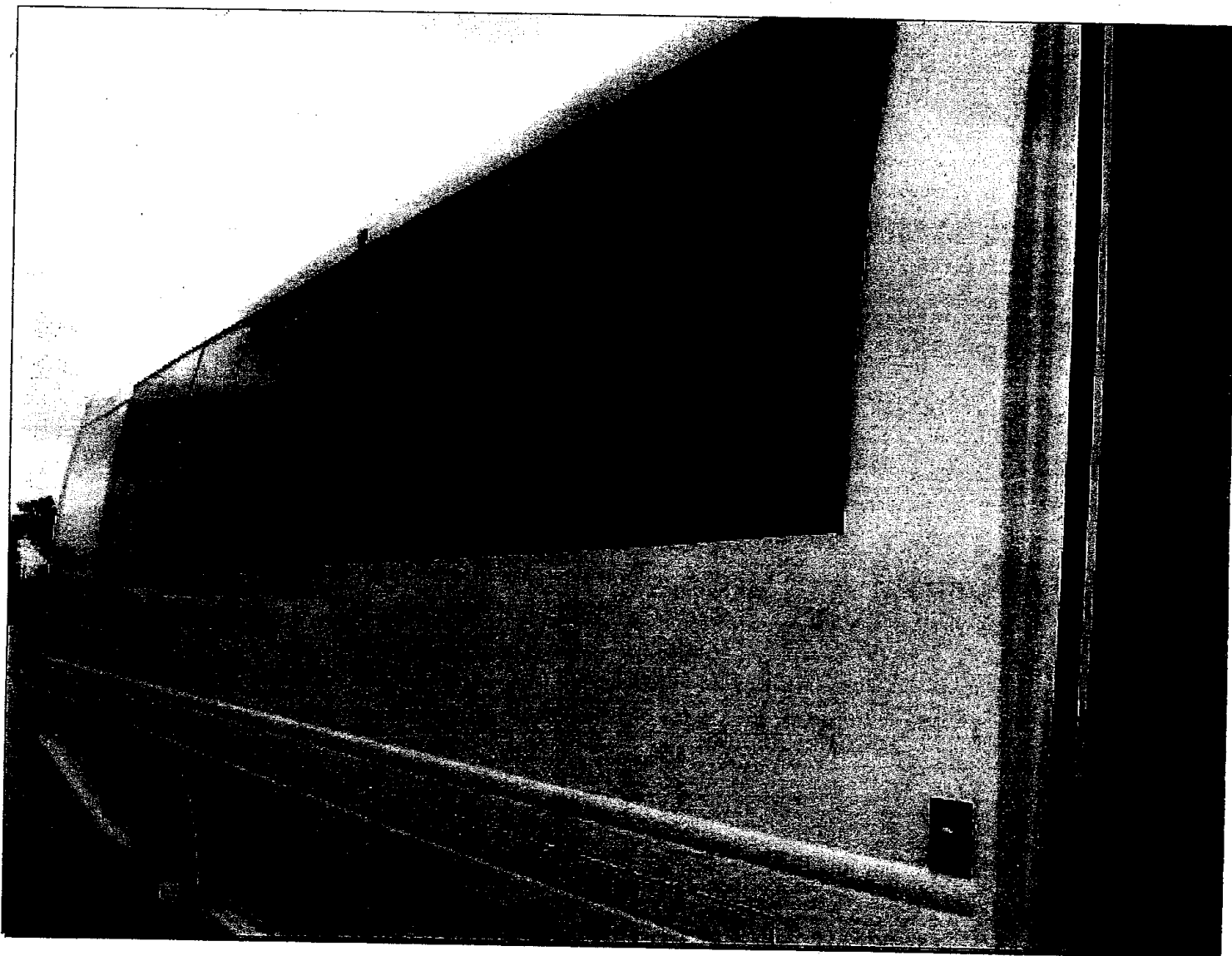


ALL WIRING, air conditioning and heating fluids are channeled for easy access and protection from the elements.

THE SIDEWALLS AND CEILING are insulated by a closed-cell stiff foam that will not sag or allow moisture to penetrate for long-life protection from the weather and sound deadening.



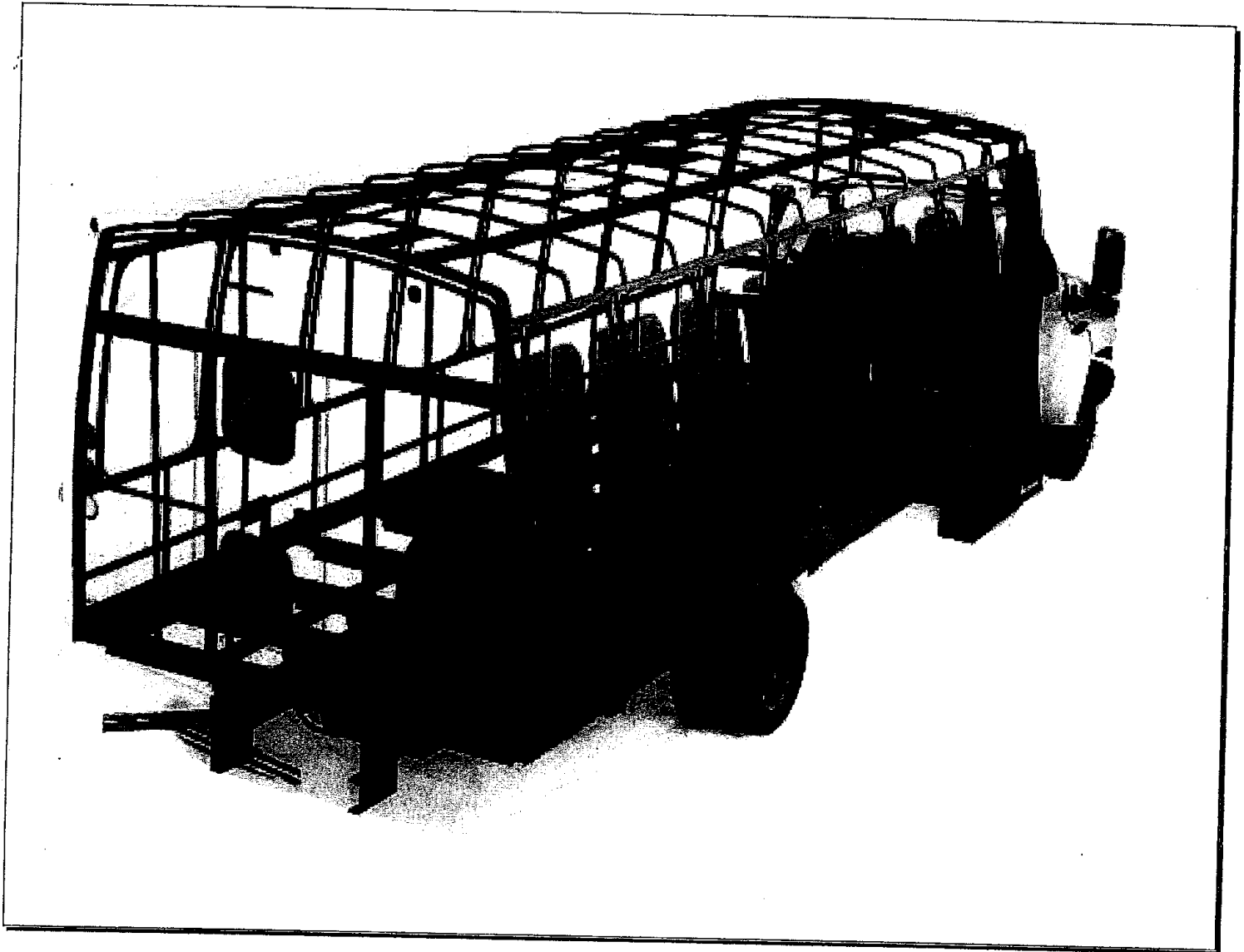

TURTLETOP



THE NEW EXTERIOR C-TEC wall is installed and has superior performance in regards to its lower thermal properties, dent and scratch resistance, higher tensile strength, and a lower coefficient of expansion.

Also, should a repair be needed, the serviceability of C-TEC by a repair body shop will be less expensive and less time consuming.





GREENSHIELD PROTECTION

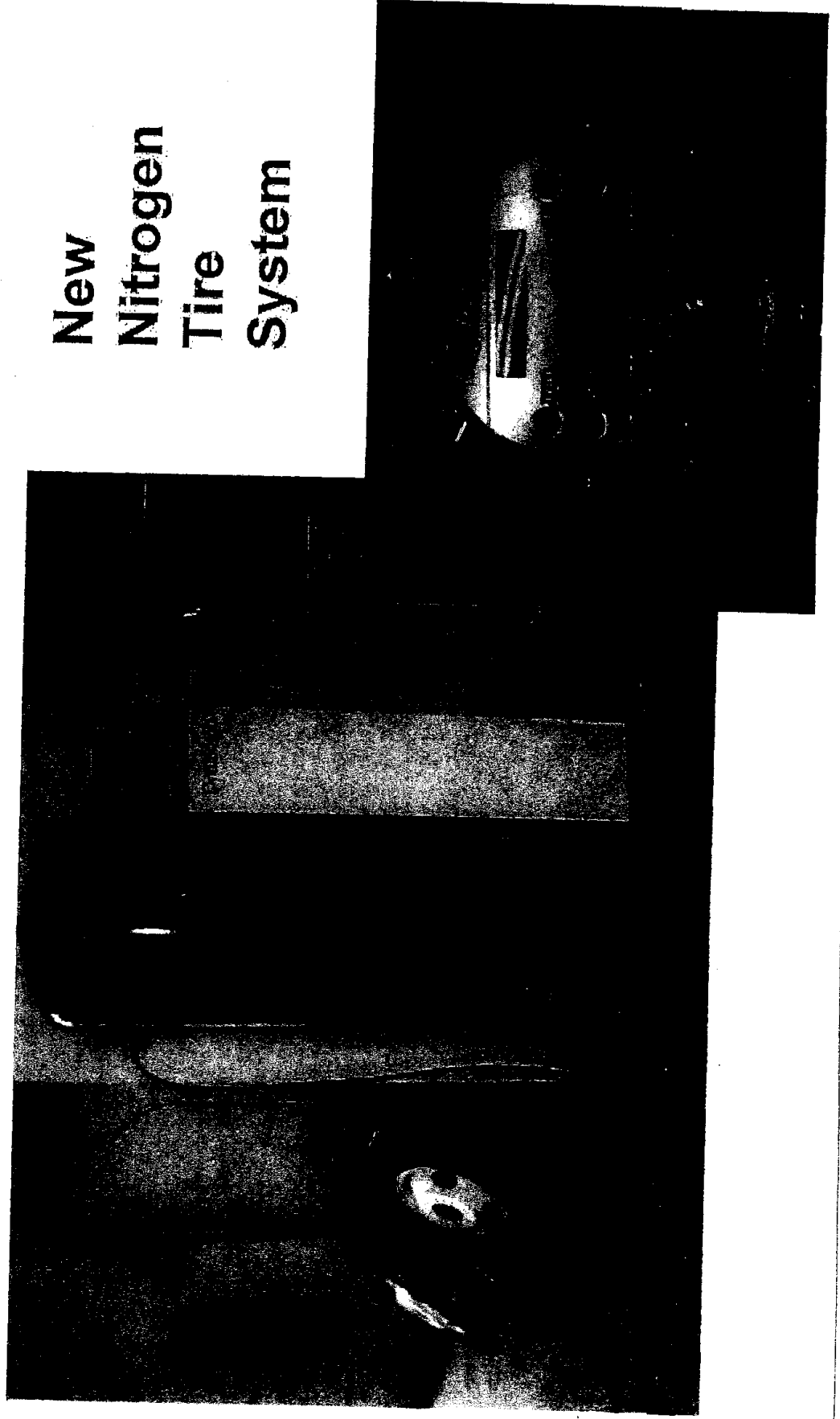
Turtle Top's GreenShield Protection is more than just the most comprehensive warranty plan in the industry. It's a higher standard of construction to protect your passengers. It's our pledge to maintain a strong relationship with you long after the sale. GreenShield Protection is our commitment to your safety and satisfaction.


TURTLETOP

New Technology

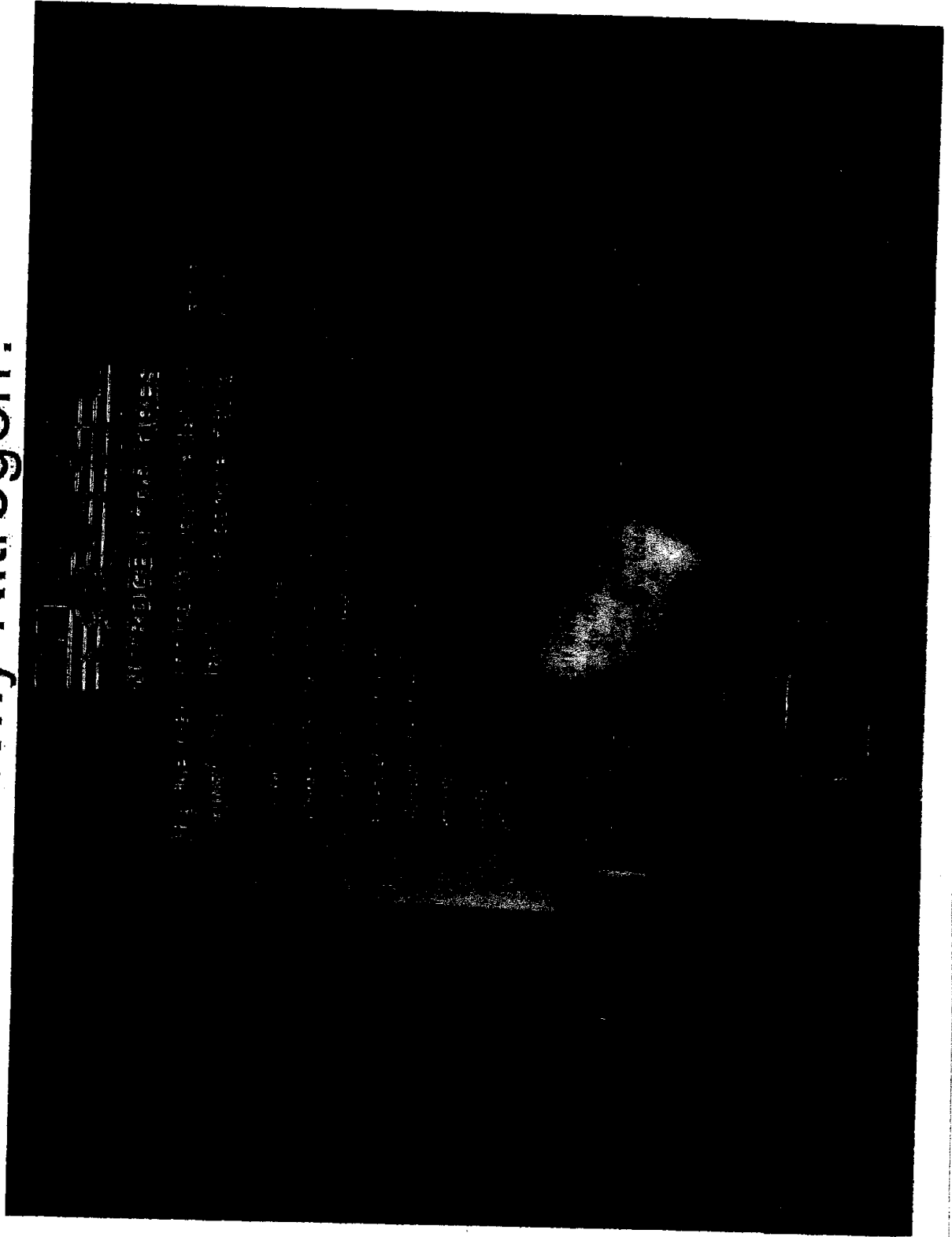
Available exclusively on all Turtle
Top Products

New
Nitrogen
Tire
System



New Technology

Why Nitrogen?



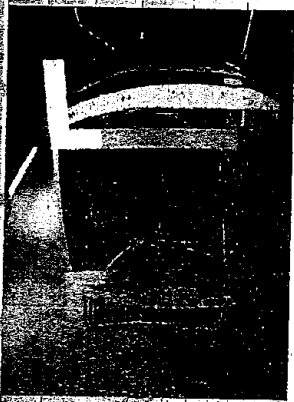
Proving Safety and Durability One Test at a Time

Turtle Top is dedicated to ensuring the safest transit vehicle on the market in order to accomplish this mark it becomes necessary to simulate the vehicle usage of the customer. In addition, we have a responsibility to meet and exceed those regulations specified by the National Highway Transportation Safety Administration (NHTSA). These regulations are commonly referred to as FMVSS Regulations.

Product Testing: Most product testing is required in the development of vehicle components and new model developed. The majority of this testing is completed in our Research and Development Facility or Independent Test Laboratories

Safety Testing: Most required FMVSS Testing is done by independent test labs to ensure a quality test and interpretation of the law. Examples include the Federal Testing Center and MGA Research

Federal Bus Testing
Center (Altoona)



Component Body Strength Testing



TURTLE TOP Testing and Compliance Program (Bus)

Proving Safety and Durability One Test at a Time

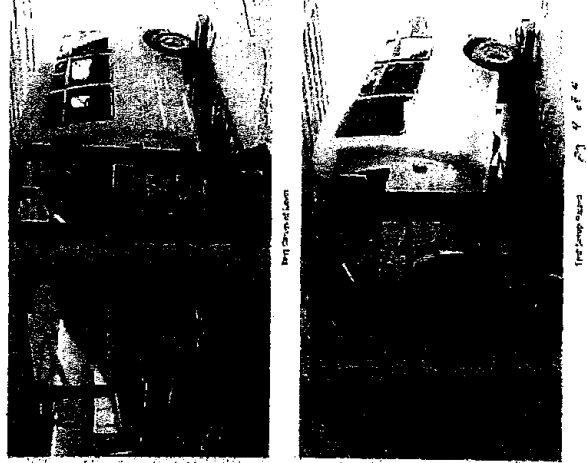
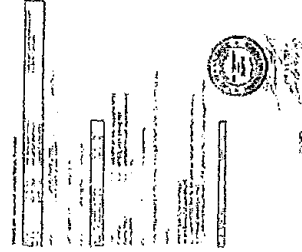
FMVSS 105 Braking and Center of Gravity

Description: requires that vehicle brake systems are adequate to support the weight and center of gravity of a given vehicle.

Response: Turtle Top Testing is done at Bosch Proving Grounds and Progressive Engineering in accordance with FMVSS 105. Additional weight and CG calculations are done on each vehicle before shipment.

All Turtle Top test documents like that shown are maintained and updated by Engineering Staff.

Sample Test Report



Center of Gravity Testing



TURTLE TOP

Testing and Compliance Program (Bus)

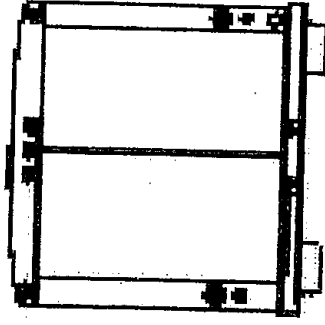
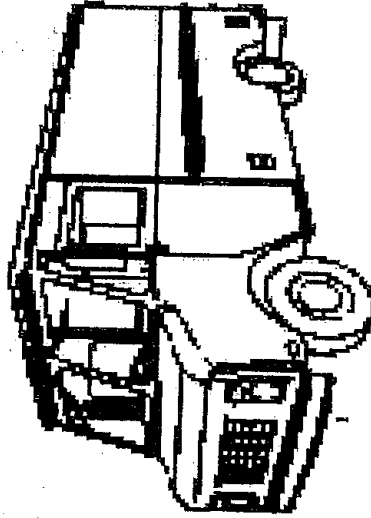
Proving Safety and Durability One Test at a Time

FMVSS 108 Lamps and Reflective Devices

Description: FMVSS 108 is designed to ensure exterior lamp and reflector-protect passengers and allow for maximum driver safety. Changes in exterior lighting or reflectors must be tested under this regulation.

Response: Turtle Top ensures that all purchased products are vendor tested and independently tested if required. Lighting Charts like the sample shown direct manufacturers in light locations.

Sample Light Chart



TURTLE TOP

Testing and Compliance Program (Bus)

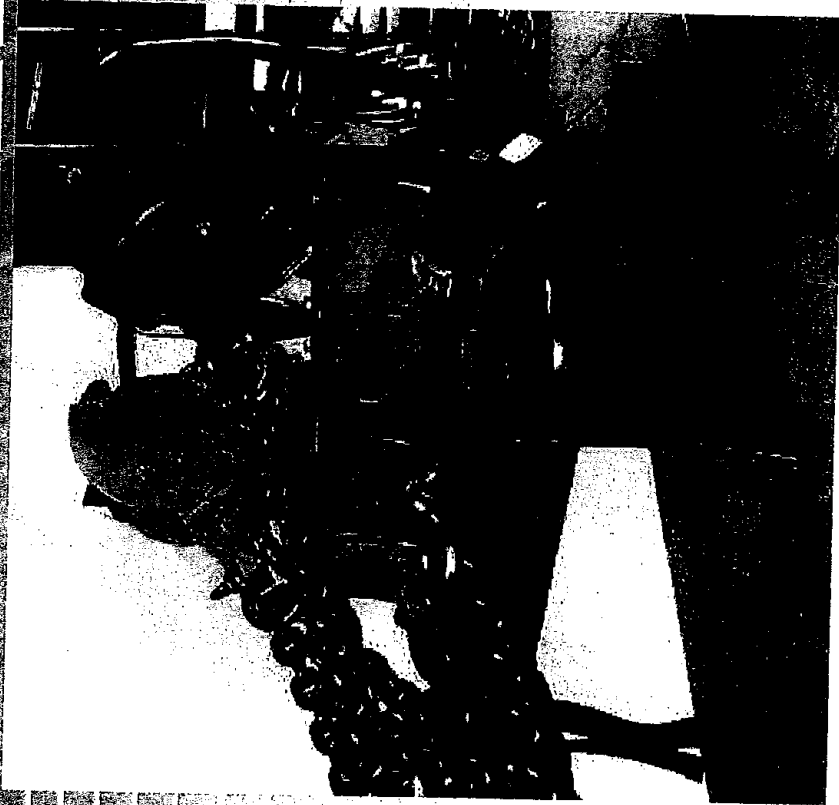
Proving Safety and Durability One Test at a Time

FMVSS 207 Seating Systems

Description: Requires seating systems meet a standard of safety regulations involving strength of the assembly and installation

Response: Turtle Top tests all seating assemblies in the vehicle floor. This is the requirement for the test and ensure "real world" data as compared to a crash. Forces required in these tests vary from 3000 to 12000 pounds.

In vehicle seat installation testing per FMVSS 207



TURTLE TOP

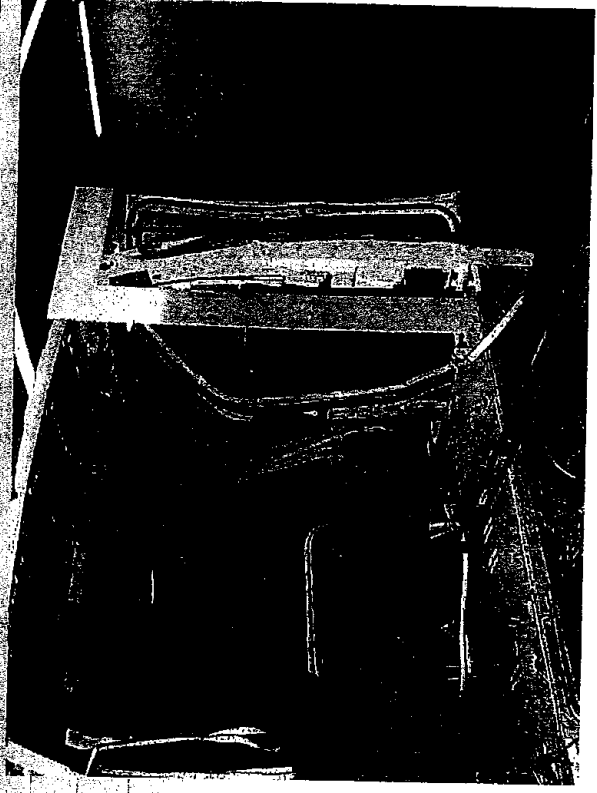
Testing and Compliance Program (Bus)

Proving Safety and Durability One Test at a Time

FMVSS 208 Occupant Crash Protection

Description: Mandates standards for occupant protection devices and assemblies.

Response: Turtle Top is active in all tests required for installation of products and assist regularly with vendors/chassis manufacturers in testing materials such as belts.



Testing OEM seat belt assemblies in a modified cab to ensure OEM belt strength.



TURTLE TOP

Testing and Compliance Program (Bus)

Proving Safety and Durability One Test at a Time

FMVSS 209/210 Seat Belt Assemblies

Description: Mandates standards for seat belt manufacturers and securement manufacturers

Response: Turtle Top is active in all tests required for installation of products and assist regularly with vendors/chassis manufacturers in testing materials such as belts.



Handicapped restraint component testing



Seat Belt Assemblies are tested mounted to seat in a vehicle body



Testing and Compliance Program (Bus)

Proving Safety and Durability One Test at a Time

FMVSS 217 Emergency Exit and Window Retention

Description: Defines the requirements for number and performance of emergency exits in a vehicle. In addition, defines criteria for occupant emergency escape in the event of a crash.

Response: Turtle Top has tested and exceeded these standards using in vehicle and component tests at independent testing facilities.

We require vendor component test results prior to buying or installing a product.

Window Test Set-up at
Independent test lab

Spacing Ellipse Testing



12



Testing and Compliance Program (Bus)

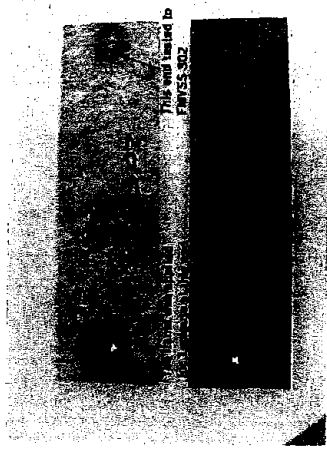
Proving Safety and Durability One Test at a Time

FMVSS 302 Flammability of Interior Materials

Description: Defines the requirements for any material used inside a bus be tested for flammability and meet certain criteria.

Response: Turtle Top has tested and exceeded these standards using in-vehicle and component tests at Independent testing facilities. As well as requiring all vendors to component test. All test documents are retained by Turtle Top Engineering.

Post test photo from
"Advantec" Independent
testing.



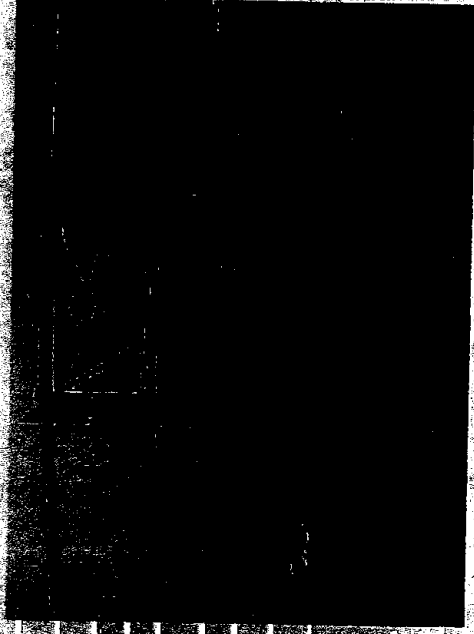
TURTLE TOP Testing and Compliance Program (Bus)

Proving Safety and Durability One Test at a Time

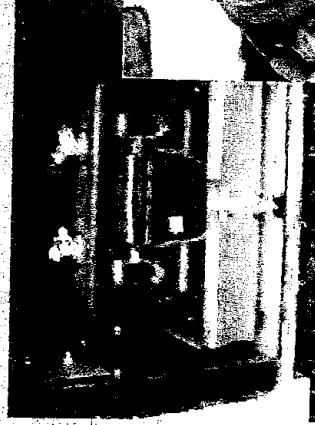
Product Testing: Cycle Tests

Description: Cycle tests are conducted to prove the durability of a product through rigorous repetitive motion. These tests are used to improve design and installation. Most cycle tests are done prior to the release of a product.

Response: Turtle Top does continuous cycle testing both during design and on random products to ensure quality and durability and hold vendors accountable for product.



Entrance door cycle testing



Component Cycle Testing



TURTLETOP

Testing and Compliance Program (Bus)

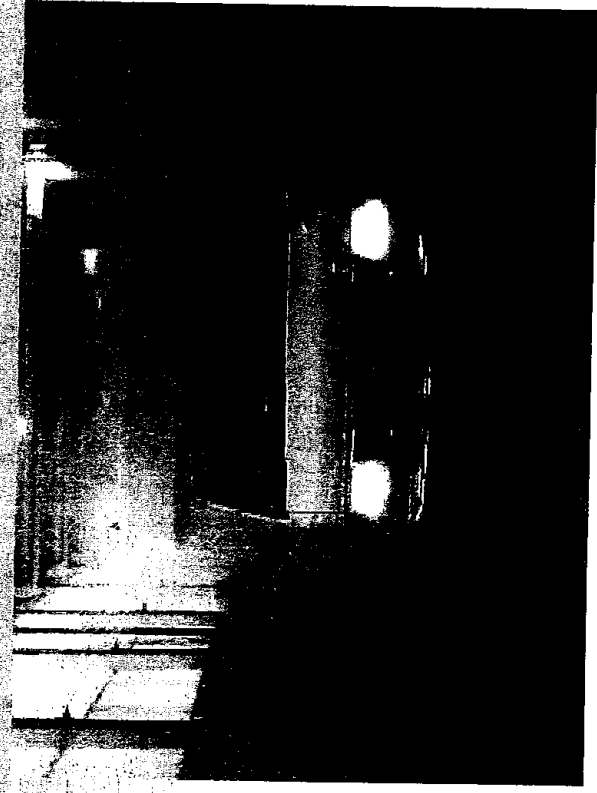
Proving Safety and Durability One Test at a Time

Product Testing: Water Testing

Description: Water tests are conducted to prove the durability of a product intended for outside use. These tests are used to improve design and installation. Most water tests are done prior to the release of a product.

Response: Turtle Top does continuous water testing all completed product prior to shipment as well as during product design in an actual booth designed for testing at a steady 200 gallons per minute.

Completed vehicle is tested at Turtle Top's water test booth.



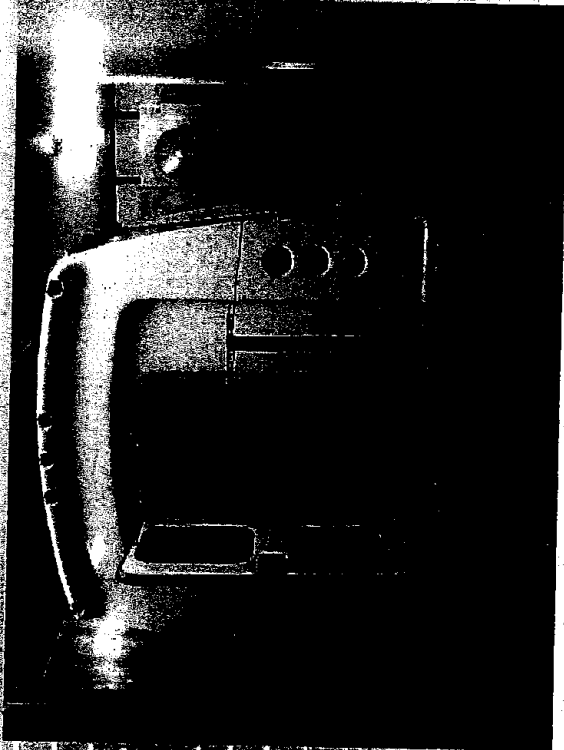
Testing and Compliance Program (Bus)

Proving Safety and Durability One Test at a Time

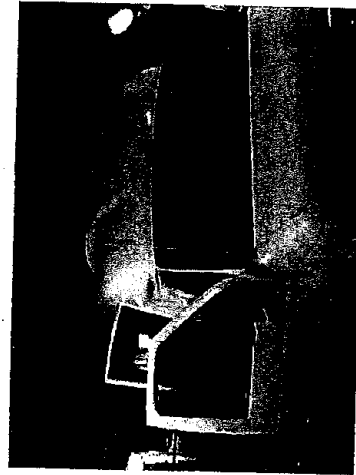
Product Testing: HVAC

Description: HVAC Testing must be completed to ensure safe and effective heating and cooling systems for passengers.

Response: Turtle Top has completed several tests to verify the systems installed for both passenger comfort and system durability. All tests are generally in accordance with SAE specifications and done using independent test labs.



Heater Testing to -10 Degrees in Chamber



AC Testing to 120 Degrees in Heat Chamber



TURTLE TOP

Testing and Compliance Program (Bus)



Division of Independent Protection Company, Inc.
67819 State Road 15 New Paris, IN 46553 Phone: 800-296-2105

LIMITED COMMERCIAL WARRANTY FOR MPV UNITS

(Warranty Registration Card must be completed and returned to our office or completed online to activate start of warranty.)

WHAT DOES THIS WARRANTY COVER?

Turtle Top Division of Independent Protection Company, Inc. (Referred to hereafter as "we" or "us") warrants to the original retail purchaser (referred to hereafter as "you") that your Turtle Top unit shall, under normal use and service, be free of substantial defects in materials or workmanship which are attributable to us and which you report to us within the warranty period.

The warranty period with respect to the main body structural components of your Turtle Top MPV Unit extends five (5) years from the date when the MPV is delivered to you or until the MPV has been driven 75,000 miles, if sooner. The main body structural components are the roof structure, the perimeter wall structure and the floor foundation. The warranty period with respect to other materials or workmanship which are attributable to us extends twelve (12) months from the date of your purchase of the unit or until the unit has been driven 12,000 miles, if sooner. This warranty is non-transferable.

WHAT DOES THIS WARRANTY NOT COVER?

This warranty does not cover:

1. Defects in the aesthetics or physical appearance of the unit.
2. Deterioration due to normal use, wear and tear, and exposure to the elements.
3. Damages due to negligent use, misuse, abuse, accidents, acts of God or other contingencies beyond our control.
4. Defects in the products that have been repaired, altered or modified without our approval.
5. Defects in the chassis and other parts and accessories not manufactured by us unless the defects result from our installation of such parts and accessories.

We will not pay for or perform repairs made necessary by reason of failure to follow ordinary maintenance procedures.

HOW DO YOU GET WARRANTY SERVICE?

To obtain warranty service, you must report the problem to the selling distributor within the warranty period. Only our warranty manager at our factory has authority to approve warranty service, so when you report to our authorized dealer, the dealer will relay the report to our warranty manager. You must make the unit available for examination at our request. If our warranty manager approves warranty service, you must present the unit for service at our factory or at any service facility we designate, and you must leave the unit at our disposal for a sufficient time of effect service.

You must provide the following information when reporting any problem to us or your selling dealer:

- | | | |
|--------------------------|-------------------------|----------------------------------|
| 1. Product Serial Number | 2. Product Model Number | 3. Vehicle Identification Number |
| 4. Retail Name | 5. Date of Purchase | 6. Mileage |

To expedite warranty and parts replacements or to obtain the name and phone number of the service center closest to your location, contact the following companies that will work directly with you to handle warranty problems.

Air conditioning - Trans-Air 1-800-673-2446 (ACC) 800.462.6322 (ACT) 877.228.4247

Lift - Braun Corporation (3 years with unlimited mileage) 1-800-THE-LIFT

Lift - Maxon Lift Corporation (3 years warranty on parts & labor) 1-800-227-4116, ask for Tech Support

Alternator - PennTex (18 months or 75,000 miles) 717-764-3584 (KEI) 214.630.3820

Suspension - Mor/Ryde (3 Years/75,000 Miles, 1 Year Labor) 574-293-1851

Lift Electronics - Intermotive Products (2 Years/Unlimited Mileage) 800-969-6080

WHAT WILL WE DO TO CORRECT DEFECTS?

We will repair or replace, at our option, without charge for parts or labor, any defective part covered by this warranty.

WHAT WILL WE NOT DO?

We will not replace the unit or refund the purchase price. We will not provide or pay for transportation of the unit to or from our factory or the service facility designated by us. We will not pay for loss of time; loss of use; loss of revenues, salaries or commissions; towing charges; bus fares; car rentals; gasoline expense; telephone charges; inconvenience or other incidental damages. **REPAIR OR REPLACEMENT OF DEFECTIVE PARTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. WE WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WRITTEN WARRANTY.**

WHAT OTHER CONDITIONS OR LIMITATIONS AFFECT YOUR RIGHTS?

THIS WRITTEN WARRANTY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. NO IMPLIED WARRANTY OF MERCHANTABILITY IS MADE.

This written warranty constitutes the entire agreement between you and us. We do not authorize any person to create for us any other obligation or liability in connection with your Turtle Top unit.

Any action against us based on this warranty (or any implied warranty asserted by you despite the foregoing disclaimer) must be commenced within one year after the accrual thereof and must be prosecuted in a state or federal court, which sits in Indiana. This warranty shall be construed and enforced in accordance with the laws of the State of Indiana.

WHAT DO YOU DO IF A SEPARATELY WARRANTED PART IS DEFECTIVE?

Our warranty does not cover defects in the chassis and other parts and accessories not manufactured by us unless the defects result from our installation of such parts and accessories. These items may be warranted by the manufacturers of them, and if a written warranty with respect to a particular item is available, a copy of that warranty has been included in your owner's packet. Refer to the applicable written warranty for an explanation of the procedure you should follow in order to obtain warranty service. We do not adopt the warranties of other manufacturers or assume any responsibility with respect to such warranties.



Issued to:

Date issued:

Turtle Top Body Number:

Chassis VIN:

Selling dealer:

INSTALLED at the Turtle Top factory located at: New Paris, Indiana

Warranty on decorative paint by Turtle Top is limited to 90 days in accordance with industry standards.

FLOORING & SHEATHING



- **Moisture resistance**
Means no sanding or delamination due to moisture or Huber will reimburse the builder/contractor **two times** the cost of sanding!
- **50-year limited warranty¹**
Offers peace of mind on product performance.
- **Won't warp, cup or delaminate**
Lays flat before, during and after construction for easy installation and consistent performance.
- **Consistent stiffness and strength**
Proprietary design capacities superior to those of PS-2 plywood and PS-2 OSB.² AdvanTech[®] VIP+[™] Flooring and Sheathing have design capacities recognized in ICBO Evaluation Service ER-5866.
Monitored by an independent third party agency (TECO) to the VIP+ property standard to certify that stiffness and strength properties are consistent.
- **Flexible production process**
Sizes up to 4' x 16' and thicknesses range from 1/2" to 1-1/8".
Custom cuts and thicknesses available to meet your building requirements.
- **A low emitting product**
Meets EPA standards as a low emitting indoor air quality product and is listed in the GREENGUARD Product Guide.³

¹Limitations and restrictions apply. See warranty for details.
²AF&PA ASD Structural-use Panel Supplement.
³Flooring Use Only.

Telephone: 800-933-1220 • Fax: 479-947-9025 • www.huber.com

© 2000 AdvanTech and Huber are registered trademarks of Huber, Inc. All other trademarks are the property of their respective owners. For details, see the Product Supplement and GreenGuard Product Guide.



TURTLE TOP

FMVSS COMPLIANCE STATEMENT

Turtle Top (a division of Independent Protection Company) validates that vehicles up-fitted from incomplete vehicles, when completed; conform to all applicable Federal Motor Vehicle Safety Standards (FMVSS) in effect on the date of manufacturer of the vehicle.

A handwritten signature in black ink, appearing to read 'Janet L. Kercher-Dudley', written over a horizontal line.

Janet L. Kercher-Dudley
Standards Engineer

Model Year 2010



TURTLE TOP

Division of Independent Protection Co., Inc.
67819 State Road 15
New Paris, IN USA 46553

“ALTOONA TESTING”

Turtle Top utilizes the Vehicle Systems and Safety Program of the Pennsylvania Transportation Institute at Penn State for bus testing and analysis of new model buses in cooperation with the Federal Transit Administration (FTA). This program administered through Penn State is located at the Altoona Bus Research and Testing Center; a vehicle that has been tested at the Altoona Bus Research and Testing Center is often referred to as a bus which has been “Altoona tested”.

The Bus testing program was established to fulfill requirements of the Surface Transportation and Uniform Relocation Assistance Act (STURAA) of 1987. This law requires testing on all new model buses before they can be purchased with federal funds.

A completed new model bus is provided to the Altoona Bus Research and Testing Center by the bus manufacturer. The vehicle will go through many rigorous tests. During the testing, malfunctions may occur ranging from minor to severe. This information gathered during testing provides manufacturers with invaluable information for use to improve quality, durability and performance. The specific tests performed during the course of the entire test program include maintainability, reliability, safety, performance, structural integrity, fuel economy and noise. A brief description of each test:

Maintainability: This test checks the accessibility of components and subsystems for servicing, preventive maintenance and repair.

Reliability: When the bus is operated in accelerated durability service mode, technicians collect and compile maintenance data about servicing, preventive maintenance, and repairs.

Safety: This portion of the test determines a vehicle's handling and stability.

Performance: This test is to determine the acceleration, gradeability, and top speed capabilities of the bus.

Structural Integrity: This testing category consists of seven different procedures: structural shakedown, structural distortion, static and dynamic towing, jacking, hoisting, and structural durability. An accelerated durability service puts the bus through the paces of a pre-determine service life. Simulated service lives may represent 4 years 100,000 miles, 5 year 150,000 miles, 7 years 200,000 miles, 10 years 350,000 miles or 12 years 500,000 miles. This portion of the testing takes several months to complete. Data is collected for each service performed, preventive maintenance completed and repairs.

Phone: 574 831-4340
Fax: 574 831-4349
E-mail: tsp@turtletop.com
Website: www.turtletop.com



TURTLE TOP

*Division of Independent Protection Co., Inc.
67819 State Road 15
New Paris, IN USA 46553*

Fuel Economy: The objective of this test is to provide accurate comparable fuel consumption data on transit buses produced by different manufacturers. The results of this test will not represent actual "in service" fuel economy but will provide comparative data.

Noise: Interior noise levels and audible vibrations are measured with the bus operating under various conditions as well as exterior noise during travel.

Turtle Top has tested the following model buses with the Altoona Bus Research and Testing Center:

5 year 150,000 miles Van Terra (Terra Transport, Terra Traveler, Spirit)

7 year 200,000 miles Terra Transit (Odyssey)

10 year 350,000 miles (Odyssey XL)

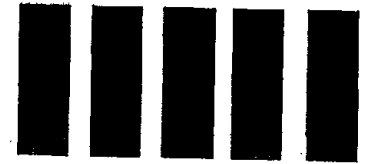
"Grandfathering" Altoona testing documents to a specific model name: Turtle Top specifically tested models which are broadly given a naming nomenclature even though the vehicle structures are identical and the difference lies in the cutaway chassis used in the testing. For example, a Van Terra is identical to a Terra Transport in every regards except that the Turtle Top Van Terra is built on a Ford E350 chassis and the Turtle Top Terra Transport is built on a General Motors C3500 G-cutaway. Therefore, the Altoona test report for the Van Terra (5 year, 150,000 miles) can stand-in for the Terra Transport, Terra Traveler and Spirit.

REV 2/09-23-2008

Phone: 574 831-4340
Fax: 574 831-4349
E-mail: tsp@turtletop.com
Website: www.turtletop.com



CRANE Composites



Noble® Select

Sheet Glass Exterior Fiberglass Sidewall
Panels for Recreational Vehicles

All-Composite Wood Free Panel

An all-composite, wood-free exterior panel with superior surface and weathering performance. Noble Select is designed for both laminated and free-hung wall applications and is preferred where full-body paint is required.

No Wood Fibers

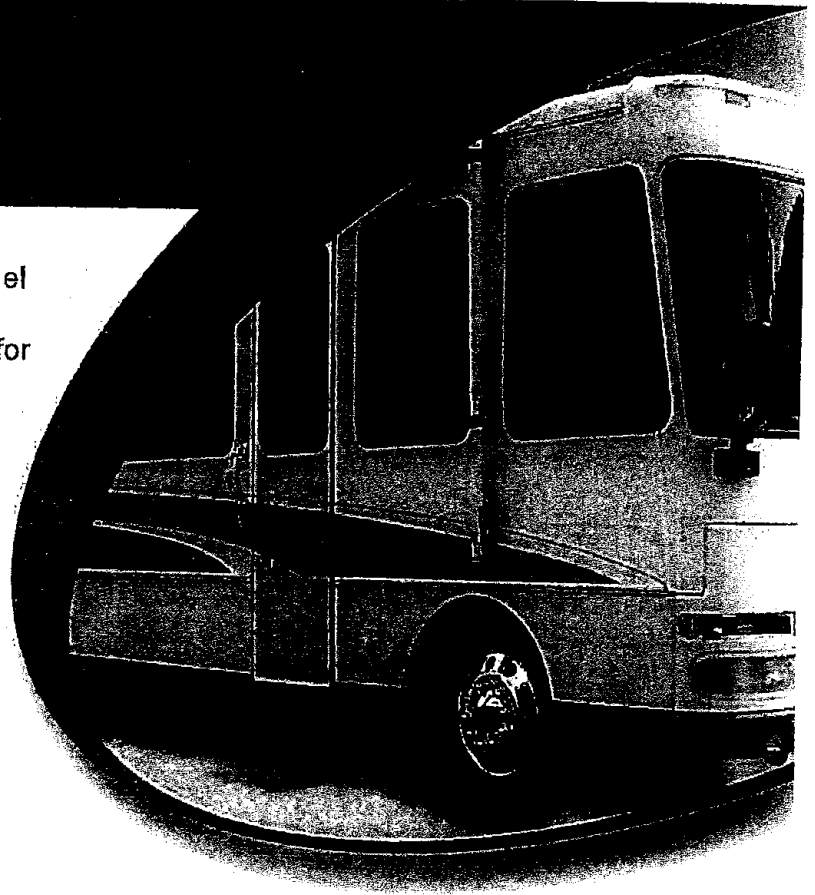
100% formaldehyde free
Up to 20% lighter than wood-backed sidewalls

High-Gloss Surface

Premium high-gloss, smooth
gel-coated finish

High-Strength and Durability

Withstands extreme weather and road conditions



WHERE TRADITION & INNOVATION CONVERGE

Noble® Select

Sheet Glass Exterior Fiberglass Sidewall Panels for Recreational Vehicles

Give Them More of What They RV For

To get more out of every mile and every moment, choose Crane Composites genuine fiberglass panels for your vehicle. Crane Composites is the leading manufacturer of fiberglass products for the RV industry. From surfboards to seaplanes, fiberglass has a well-earned reputation for combining high performance with high style. Our fiberglass interior and exterior sidewalls are tested to deliver unmatched durability and long-lasting beauty.

There are important decisions to make when purchasing a new caravan. Genuine CRANE Fiberglass provides more comfort than aluminum... its superior insulating properties help control inside temperatures while reducing excessive road noise. Better soundproofing means more peace and quiet wherever you're parked, or on the road. There are a number of common, real-world occurrences that can easily damage aluminum exteriors, thereby diminishing both the appearance and value of your RV - not to mention costly repairs.

MORE COMFORT

Better Insulated for Climate Control
More Soundproof for Reduced Noise
Better Protection from the Outside



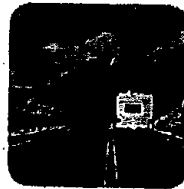
MORE STYLE

Fewer Dents and Dings
Superior Surface Finish
Resistant to Fading and Oxidation



MORE FREEDOM

More Durable
Easier to Clean
Fewer Repairs
Less Shop Time



MORE VALUE

Less Expensive to Maintain
Higher Resale Value
Years of Fun, Care-Free Vacations



Choose the Right CRANE Fiberglass Product

Sidewall Finish Types	Surface Finish Quality	Dent/Tear Resistance	Repairability	Scratch Resistance	Maintenance	Corrosion Resistance	General Weathering	Warranty
Filon. G-III	Medium	High	High	High	Low	High	High	2-Years Parts & Labor
Noble. Classic	High	High	High	High	Low	High	High	1-Year Parts & Labor
Noble. Select	Premium	High	High	High	Low	High	High	3-Years Parts & Labor
Painted Aluminum	High	Low	Low	Low	Medium	Medium	High	RV Manufacturer Warranty



ADDITIONAL INFORMATION

Please visit our website at www.cranecomposites.com/RV for additional information and physical properties

www.cranecomposites.com | 1.800.435.0080 | 1.815.467.8600 | sales@cranecomposites.com

Crane Composites is the manufacturer of Noble, Filon and a variety of other fiberglass reinforced plastic (frp) composite panels. Crane Composites has over 55 years of experience and is the recognized industry leader in frp applications.

Form 7043 | Rev. 3 | 10.10 | (5537) Filon and Noble are registered trademarks of Crane Composites, Inc.



CRANE Composites



Clark Laboratory Services
821 East Front Street
Buchanan, Michigan 49107
(616) 697-8632

29 March 1988

Mr. Glenn Homes
Turtle Top
Terra Transit Division
67819 State Road 15
New Paris, Indiana 46553

Dear Glenn:

Per your request, four materials were tested in accordance with the National Highway Traffic Safety Administration, DOT 571.302, Standard 302. The products were:

1. .025" vinyl covered aluminum
2. .040" Kemplite glass board
3. EPS white beadboard
4. Dow blueboard styrofoam

As shown on the attached photos, the .025" vinyl covered aluminum would not support a flame. The .040" Kemplite glass board burned the entire length, however, the burn rate was very slow (0.44" per minute), much less than the allowable 4.0" per minute.

Both foam products, the Dow and EPS would not support a flame. A few seconds after flame application, the foam melted away and stopped burning.

In conclusion, all products meet the DOT specification.

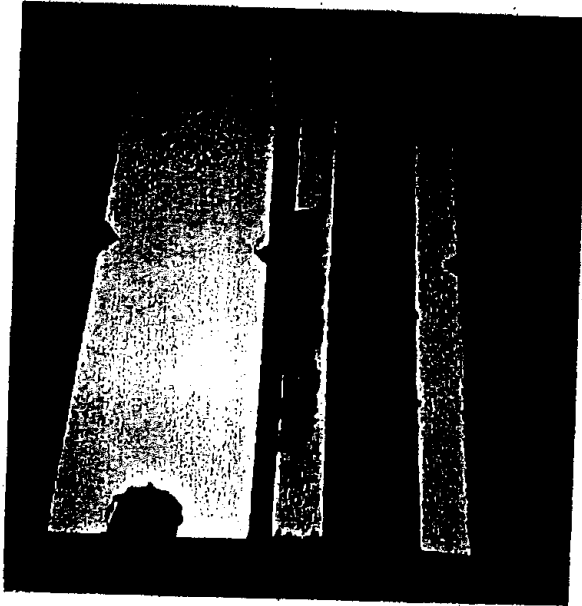
Tested samples will be returned under separate cover.

Sincerely,


M. J. Vladic
Chemical Materials Specialist

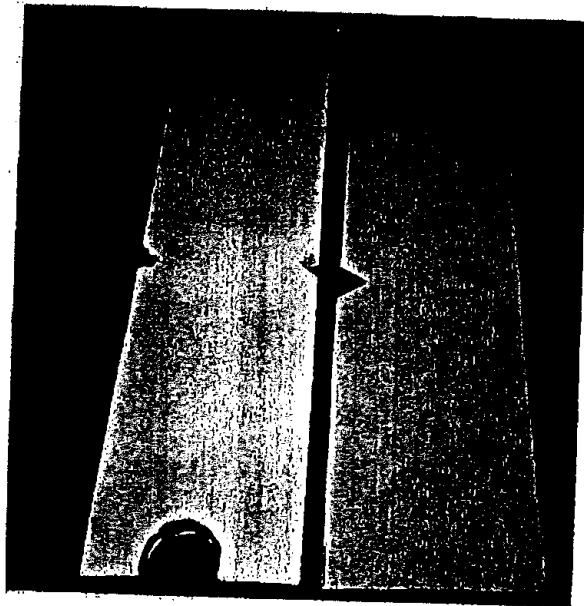
mcr

cc: K. W. Smith
Project 1896-1 file



EPS

KEMLITE



DOW

VINYL ON
ALUMINUM



Document #6250 Rev. #1
Date: October 6, 1994
Page 1 of 2
Issued by: [Signature]
Approved by: [Signature]

UNCONTROLLED COPY

MATERIAL SAFETY DATA SHEET

Manufacturer's Address Kemlite Company
P.O. Box 2429, Joliet, IL 60434
Daytime Non-emergency Telephone (815) 467-8600 (8-5 CST)
Emergency (815) 741-7919
Approved _____
Supersedes _____

PRODUCT IDENTIFICATION

Trade Name and Synonyms Flon Products' Floplated, Greenhouse, Standard and Tufiner panels.
Chemical Name and Synonyms Reinforced Plastic Panels (frp)
Chemical Family Polymerized Thermoset Polyesters
DOT Hazard Classification Not applicable

INGREDIENTS AND PRODUCT HAZARD INFORMATION

Flon Products' panels are mixtures formed as solid sheets composed of some or all of the following: fiberglass, crystalline silica, titanium dioxide and pigment embedded in a cured styrenated or acrylated thermoset polyester matrix.

Threshold Limit Value (TLV) Fabricating, cutting, drilling, etc. of frp may produce dust, which should be controlled. Nuisance dust TWA (OSHA):
Respirable Fraction: 15 mppcf - 5 mg/m³
Total Dust: 50 mppcf - 15 mg/m³
Primary Route of Entry Inhalation or skin contact with dust.
Effects of Overexposure Exposure to dust in excess of TLV may result in skin or upper respiratory tract irritation. Pre-existing skin or respiratory disorders may cause more susceptibility to these effects.

FIRST AID PROCEDURES

Inhalation of Dust Remove from source of exposure into fresh air. Ensure clear airway. Get medical help.
Prolonged Skin Contact Remove contaminated clothing. Wash skin with warm water and soap. Skin cream could be helpful.
Eye Contact Flush with running water for 15 minutes or more.
Ingestion of Dust Do not induce vomiting. Get medical help.

PERSONAL PROTECTION INFORMATION

Respiratory Protection Use adequate ventilation to control dust when machining, cutting, drilling, etc. Cover nose and mouth with mask approved by NIOSH/OSHA.
Eye Protection Use goggles when machining, cutting, drilling, etc. Have eye washes available.
Skin Protection Wear protective gloves, long pants and long sleeves when machining, cutting, drilling, etc. Wash skin with soap and water after handling. Wash dusty work clothes separately.

PHYSICAL PROPERTIES

Boiling Point NA
Vapor Pressure NA
Vapor Density (air=1) NA
Appearance and Odor Rigid sheet, no significant color.
Specific Gravity (water=1) 1.4-1.8
% Volatile (by volume) NA
Solubility in Water Insoluble

Document #6250 Rev. #1
Date: October 6, 1994

Page 2 of 2

Issued by: *J. Keid*

Approved by: *[Signature]*

FIRE AND EXPLOSION DATA

- Flash Point..... Material is classified as nonflammable.
- Ignition Temperature..... Typically 650°F or higher for frp panels.
- Extinguishing Media..... Water, CO₂, dry chemical.
- Fire fighting Procedures..... Use media best suited to fire environment. Use water to cool fire-exposed containers and to flush spills from ignition sources. Use self-contained breathing apparatus for large scale fires.
- Unusual Fire or Explosion Hazards... As with other building materials, combustion will yield toxic materials such as carbon monoxide (CO) and carbon dioxide (CO₂), and may also yield aliphatic and aromatic hydrocarbons and halogenated compounds.

REACTIVITY DATA

- Stability and Incompatibility..... Stable under normal use conditions. Hazardous polymerization will not occur. Avoid contact with alkali, strong mineral acid or other oxidizers.
- Hazardous Decomposition Products... See information in Fire and Explosion Data above.

ENVIRONMENTAL INFORMATION

- Handling and Storing Precautions... Store away from heat, open flame, other ignition sources and incompatible materials (see above).
- Miscellaneous..... Do not eat or drink in fabrication areas.
- Spill or Leak Procedures..... NA
- Waste Disposal..... Dispose of as solid waste in compliance with all applicable local, state, and federal regulations.

The above is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change, and the conditions of use or misuse are beyond our control, KEMLITE COMPANY MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, ABOUT THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN, AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should be satisfied that he/she has all current data relevant to his/her particular use.

Prepared by: Technical Director

Signature: _____



REPORT NUMBER: 511838
DATE: 12/17/96
PAGE: 2 OF 2

CLIENT: Crane Kemlite

RESULTS:

Flammability
FMVSS-302

Department of Transportation Motor Vehicle Safety Standard 302 Flammability of Interior Materials as published in the Federal Register Rev. 10-1-92

	Burn Time (seconds)		Burn Distance (inches)		Burn Rate (in./min.)	
	MD	XMD	MD	XMD	MD	XMD
K961127	300.0	300.0	5.2	4.8	1.0	1.0
1 & 2	300.0	300.0	4.9	5.0	1.0	1.0
2585 RISC	300.0	300.0	4.8	4.9	1.0	1.0
K961127	300.0	300.0	4.8	4.3	1.0	0.9
3 & 4	300.0	300.0	4.9	4.0	1.0	0.8
2508 TIW	300.0	300.0	5.3	5.1	1.1	1.0

*Tests were discontinued after 5 minutes.

Requirements:

The material shall not burn or transmit a flame front across its surface, at a rate of more than 4 inches per minute. However, if a material stops burning before it has burned for 60 seconds from the start of timing and has not burned more than 2 inches from the point where timing was started, it shall be considered to meet this requirement.

Conclusion:

The submitted samples were found to meet the requirements of the above standard.

End of Report

REPORT OF TEST



Ford Motor Company

Is proud to recognize

Turtle Top

as a participant in the

Transit Bus

Qualified Vehicle Modifier Program



A handwritten signature in black ink that reads "James R. Murray".

James R. Murray -- SVE Quality Programs Mgr.

May, 2012

PROGRESSIVE ENGINEERING, Inc.
FMVSS 302 FLAMMABILITY TEST

Tested for: Terra Transit

Sample Description: White Fiberglass wall material attached to 3/16" Luan with Danco
Contact Adhesive

Date samples were received: 6/13/2003

PRECONDITIONING

	Date	Time	Temp.	Rel. Hum.
Start	<u>6/13/2003</u>	<u>10:00</u>	<u>73deg.F.</u>	<u>49%</u>
Stop	<u>6/16/2003</u>	<u>2:00</u>	<u>75deg.F.</u>	<u>48%</u>

TEST DATA

Date: 6/17/2003

Travel Distance: 0 inches

Elapsed Time: 0 seconds

TEST RESULTS

B = 60 x D/T = #DIV/0! inches/minute

PASSED

FAILED

Comments or Observations: did not carry a flame



Technician

PROGRESSIVE ENGINEERING, Inc.
FMVSS 302 FLAMMABILITY TEST

Tested for: Terra Transit

Sample Description: Vinyl material attached to Fiberglass with Danco
Contact Adhesive

Date samples were received: 6/13/2003

PRECONDITIONING

	Date	Time	Temp.	Rel. Hum.
Start	<u>6/13/2003</u>	<u>10:00</u>	<u>73deg.F.</u>	<u>49%</u>
Stop	<u>6/16/2003</u>		<u>75deg.F.</u>	<u>48%</u>

TEST DATA

Date: 6/16/2003

Travel Distance: 0 inches

Elapsed Time: 0 seconds

TEST RESULTS

B = 60 x D/T = #DIV/0! inches/minute

PASSED

FAILED

Comments or Observations: the material melted-then extinguished when burner
was removed



Technician



TURTLE TOP

QUALITY ASSURANCE PROCESS CONTROL PLAN

The quality assurance process in place at Turtle Top consists of in-process, final inspection and final quality audit checklists, as well as individual department checklists, in which quality issues or problems are noted and the individual correcting the issue is to initial on the checksheet that the issue has been corrected. All production departments have inspectors assuring that problems are resolved at the time they are discovered prior to moving the unit the next production station. Turtle Top allows anyone, not just inspection personnel, to note quality issues on the travelers and checklists. It is the responsibility of all Turtle Top employees to work off and correct defects at the time of discovery, at the source, to ensure quality issues are not "passed up the line".

AUDIT PLAN

Quality Audit process is a part of Turtle Top's Quality Control Plan and Process Control Plan as a feedback loop for communicating issues and assessing trends in the manufacturing process. Quality Auditors report to the Quality Manager. Finished units are chosen at random to audit. During a complete unit audit, all functioning area are inspected for working order, the production order is verified and the unit has an overall inspection performed to assure the product's quality. Items of concern are written down and rated. After rating, the items of concern are scored and graphed on a vehicle audit summary. All department heads, supervisors and group leaders receive copies of the summaries. Any noted problems are corrected before the vehicle is shipped. Copies of audit summaries are used for reports, meetings, tracking origination of warranty claims, assessing engineering changes and noting trends.



TURTLE TOP

QUALITY CONTROL PLAN

Mission Statement

Turtle Top is committed to producing high quality light duty and medium duty mass transit vehicles and specialty vehicle products. In order to continually improve quality for our customers, Turtle Top is committed to a Total Product Quality program.

It is Turtle Top's goal to achieve continued growth while increasing quality at the same time. Both management and employees are involved in solving quality issues.

It is Turtle Top's objective to find solutions to quality issues brought up by employees, dealers and customers and to convey to all staff, management, engineering, sales and production employees expectations in production and quality.

Proving Safety and Durability One Test at a Time

Product Testing: Water Testing

Description: Water tests are conducted to improve the durability of a product intended for outside use. These tests are used to improve design and installation. Most water tests are done prior to the release of a product.

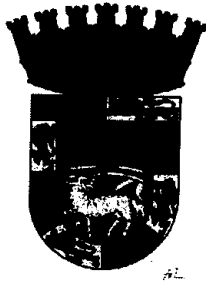
Response: Turtle Top does continuous water testing all completed product prior to shipment as well as during product design in an actual booth designed for testing at a steady 200 gallons per minute.

Completed vehicle is tested at Turtle Top's water test booth.



TURTLETOP

Testing and Compliance Program (Bus)



**Board of County Commissioners
St. Johns County, Florida**

BID NO: 17-60

**PURCHASE OF ONE (1) BOOKMOBILE
FOR ST. JOHNS COUNTY PUBLIC LIBRARY**

**BID DOCUMENTS
PROJECT SPECIFICATIONS**

**St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084
904.209.0150**

FINAL: 06.21.17

BID NO: 17-60

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received until 2:00 P.M. on Wednesday, July 19, 2017 by the St. Johns County Purchasing Department, located at 500 San Sebastian View, St. Augustine, Florida 32084 for **Bid No: 17-60; Purchase of One (1) Bookmobile for St. Johns County Public Library**. Bids will be opened promptly after the 2:00 P.M. deadline. **Note:** Bids delivered to or received by the Purchasing Department after the 2:00 P.M. deadline shall not be give consideration and shall be returned to the sender unopened.

The purpose of this request for sealed bids is to solicit pricing from interested vendors to provide St. Johns County Public Library with a new, 2017 (or current production model) twenty-eight foot (28') bookmobile.

Bid Documents may be obtained from Onvia DemandStar, Inc., at their website www.demandstar.com by requesting Document # 17-60. For technical assistance with this Website please contact Onvia Supplier Services at 1-800-711-1712. A link to the Onvia DemandStar website is available through the St. Johns County Purchasing Website by clicking on the following link: www.sjcfll.us/Purchasing/OpenBids.aspx. Check the County's site for download availability and any applicable fees. Bid Documents may also be requested, in writing, from Diana M. Fye, CPPB, Procurement Coordinator, St. Johns County Purchasing, via email to dfye@sjcfll.us or fax to (904) 209-0163.

Any and all questions related to this project shall be directed, *in writing*, to Diana M. Fye, CPPB, Procurement Coordinator, Purchasing Department, via email to dfye@sjcfll.us or fax to (904) 209-0163. Questions are due no later than 4:00 PM on **Thursday, July 6, 2017**, so that any necessary addenda may be issued in a timely manner. Any questions received after the deadline will not be answered unless previously approved by the SJC Purchasing Manager or other designated County Representative.

Vendors shall not contact, lobby, or otherwise communicate with any SJC employee, including any member of the Board of County Commissioners, other than the above referenced individual from the point of advertisement of the Bid until contract(s) are executed by all parties, per SJC Purchasing Code 304.6.5 "Procedures Concerning Lobbying". According to SJC policy, any such communication shall disqualify the vendor, contractor, or consultant from responding to the subject invitation to bid, request for quote, request for proposal, invitation to negotiate, or request for qualifications.

St. Johns County reserves the right to accept or reject any or all bids/proposals, waive minor formalities, and to award the bid/proposal that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any alternate bids in any combination that best suits the needs of the County.

Any bidder, proposer or person substantially and adversely affected by an intended decision or by an term, condition, procedure or specification with respect to any bid, invitation, solicitation of proposals or requests for qualifications, shall file with the Purchasing Department for St. Johns County, a written notice of intent to protest no later than 72 hours (excluding Saturdays, Sundays and legal holidays for employees of St. Johns County) after the posting either electronically or by other means of the notice of intended action, notice of intended award, bid tabulation, publication by posting electronically or by other means of a procedure, specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated by reference and are fully binding.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA
HUNTER S. CONRAD, CLERK

BY: _____
Deputy Clerk

ST. JOHNS COUNTY
PURCHASING DEPARTMENT

INSTRUCTIONS TO BIDDERS

These instructions will bind bidders to terms and conditions herein set forth, except as specifically qualified in special bid contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
 - A. The ability, capacity and skill of bidder to perform required service.
 - B. Whether bidder can perform service promptly or within specified time.
 - C. The character, integrity, reputation, judgement, experience and efficiency of bidder.
 - D. The performance of previous contracts with St. Johns County.
 - E. The suitability of equipment of material for county use.
 - F. The ability of bidder to provide future maintenance and parts service.
2. Payment terms are net thirty (30) days unless otherwise specified. Favorable terms, discounts may be offered and will be considered in determining low bids if they are deemed by the Purchasing Department advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. Unit price will prevail in case of errors.
4. All requested information should be included in the bid envelope or your bid may not receive full consideration.
5. If anything of the bid request is not clear, you should contact the Purchasing Department immediately.
6. A bidder's list is available at the Purchasing Office.
7. Quote all prices F.O.B. (Free On Board), our warehouse or as specified in bid documents.
8. Each proposal shall be clearly marked on the outside of the envelope with the following:
 - A. Sealed Bid Number
 - B. Name of Item Being Bid in Full
 - C. Vendor name and address
9. No Responsibility will attach to any County representative or employee for the premature opening of bid not properly addressed or identified.
10. If only one (1) bid is received, the bid may be rejected and re-advertised.
11. Bids received late will not be accepted and the County will not be responsible for late mail delivery. However, should a bid be misplaced by the County and found later, will be considered.
12. Telephone and facsimile bid will not be acceptable in formal Sealed Bids openings.
13. Any bidder may request and shall receive a receipt showing the day and hour any bid is delivered to the appropriate office of the County from the personnel thereof.
14. All bidders must be recognized dealers in the materials of equipment specified and be qualified to advise in their application or use. A bidder may at any time be requested to satisfy the Purchasing Office and the County Administrator that he has the requisite organization, capital, plant, stock, ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.

15. Any alterations, erasures, additions or omissions of required information or any changes of specifications or bidding schedule is done at risk of the bidder. Any bid will be rejected that has a substantial variation. For example, a variation that affects the price, quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the County free of expense, properly marked for identifications and accompanied by a list where there is more than one (1) sample. The County reserves the right to mutilate or destroy any sample submitted whenever it may be to the interest of the County to do so for the purpose of testing.
17. The County will reject any material, supplies or equipment that do not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.
19. The ESTIMATED QUANTITY given in the specifications of advertisements is for the purpose of bidding ONLY. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment, as evidenced by the manufacturer's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.
21. The successful bidder on motor vehicle equipment shall be required to furnish with the delivery of the vehicle a certificate of origin and any other appropriate documentation as required by the Florida Motor Vehicle Department.
22. Prospective bidders are required to examine the location of the proposed work or delivery and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.
23. All materials, equipment and supplies shall be subjected to rigid inspection under the immediate supervision of the Purchasing Department, its designee and/or the department to which they are delivered. If defective material, equipment or supplies are discovered, the vendor shall remove or make good such material, equipment or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the vendor or release him from his obligation to perform and deliver to the County sound and satisfactory materials, equipment or supplies. The vendor agrees to pay the costs of all test upon defective material, equipment or supplies or allow the cost to be deducted from any monies due him from the County.
24. Unless otherwise specified, the County reserves the right to award each item separately or on a lump sum basis, whichever is in the best interest of the County.
25. A contract may not be awarded to any corporation, firm or individual who is, from any cause, in arrears to the County or who has failed in former contracts with the County.
26. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
27. Submitting a proposal when the bidder intends to sublet the contract may be a cause for rejection of bids or cancellation of the contract by the County Administrator.
28. The County reserves the right to reject any or all bids or quotations, to waive any minor discrepancies in the bids for all bidders equally when deemed to be in the best interest of the County and to purchase any part, all or none of the materials, supplies or equipment specified.

29. Failure of the bidder to sign the bid or have the signature of any authorized representative or agent on the bid proposal in the space provided may be cause for rejection of the bid. Signature must be written in ink or indelible pencil. Typewritten or printed signatures will not be acceptable.
30. Any bidder may withdraw his bid at any time BEFORE the time set of opening of the bids. A bid may be withdrawn AFTER the bids are opened only with permission of the Purchasing Agent.
31. It is mutually, understood and agreed that, if at any time, the Purchasing Department or designee shall be of the opinion that the contract, or any part thereof, is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory or that the contractor is willfully violating any of the condition or covenants of the agreement or is executing the same in bad faith, the Purchasing Agent or his designee shall have the power to notify the aforesaid contractor of the nature of the complaint. Notification shall constitute delivery of notice or letter to address given in proposal. If after three (3) working days of notification, the conditions are not corrected to the satisfaction of the Purchasing Agent, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described, or any part thereof, and the expense thereof, so charged, shall be deducted from any paid by the County out of such monies as may become due to the said contractor, under and by virtue of this agreement. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his executors, administrators, successors or assigns, shall pay the amounts of such excess to the County on notice by the Purchasing Department or his designee of the excess due.
32. Any complaint from bidders relative to the invitation to bid or any attached specifications shall be made prior to the time of opening bids, otherwise, the bidder waives any such complaint.
33. A vendor writing specifications for the County may not be allowed to bid on that project.
34. Contracts may be canceled by the County with or without cause on thirty (30) days advance written notice.
35. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the Purchasing Department for St. Johns County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturday, Sunday and legal holidays) after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.
36. Vendors shall not contact, lobby, or otherwise communicate with any St. Johns County employee, including any member of the Board of County Commissioners, other than the above referenced individual from the point of advertisement of the Bid until contract(s) are executed by all parties, per St. Johns County Purchasing Code 304.6.5 "Procedures Concerning Lobbying". According to St. Johns County policy, any such communication shall disqualify the vendor, contractor, or consultant from responding to the subject invitation to bid, request for quote, request for proposal, invitation to negotiate, or request for qualifications.

**OFFICIAL COUNTY BID FORM
WITH ATTACHMENTS**

Bid No: 17-60

**OFFICIAL COUNTY BID FORM
ST. JOHNS COUNTY, FLORIDA**

PROJECT: PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY PUBLIC LIBRARY

TO: THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

DATE SUBMITTED: _____

BID PROPOSAL OF

Full Legal Company Name

Mailing Address Telephone Number Fax Number

If awarded a Purchase Order on the basis of this bid proposal, the undersigned pledges to provide the equipment as specified in the Bid Proposal and County Specifications barring delays due to strikes, fires, transportation difficulties or other causes beyond the control of the undersigned.

The undersigned declares that the statements and representations made in this bid proposal are true in every respect and that the said proposal is, in all respects, fair and made without collusion or fraud, and that no member of the St. Johns County Board, or any other agent or employee of the County, directly or indirectly, is interested in this proposal or in any profits expected to accrue therefrom.

The following proposal is presented:

FOR: PURCHASE OF ONE (1) 2017 (OR CURRENT PRODUCTION MODEL) BOOKMOBILE, PER ATTACHED SPECIFICATIONS

TOTAL BASE BID \$ _____
Amount Written in Numerals

Amount Written in Words

Each Bidder shall type, or print legibly, in blue or black ink, the amount written in numerals and the amount written in words for the item shown above. In the event an amount submitted is not legible, the County reserves the right to consider it a "No Bid", and deem the Bidder nonresponsive to the requirements of the Bid.

MAKE/MODEL _____

DELIVERY DATE: _____

Bid No: 17-60

Purchase of One (1) Bookmobile for St. Johns County Public Library

TOTAL SUM BID FOR ALTERNATIVES:

ALTERNATIVE 1: SHELVING \$ _____
Amount Written in Numerals

Amount Written in Words

ALTERNATIVE 2: WRAP \$ _____
Amount Written in Numerals

Amount Written in Words

ALTERNATIVE 3: AWNING \$ _____
Amount Written in Numerals

Amount Written in Words

The Unit Prices submitted above shall include any and all fees, taxes, surcharges, and any other additional monies associated with performing the work required by this Contract. The Unit Price above shall be the final price charged to the County for work performed.

St. Johns County reserves the right to accept or reject any or all bids, waive minor formalities, and to award the bid that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any option items in any combination that best suits the needs of the County.

During the preparation of the Bid, the following addenda, if any, were received:

No.: _____ Date Received:

No.: _____ Date Received:

No.: _____ Date Received:

The Undersigned certifies that the equipment presented in the submitted bid proposal meets or exceeds the County specifications, and that the undersigned bidder has carefully examined the specifications, terms and conditions of this bid and is thoroughly familiar with its provisions and quality and type of coverage called for and bid herein. The undersigned further declares that this submitted bid has not been divulged, discussed or compared with any other bidders and that there has been no collusion with any other bidder or parties to a bid whatsoever for any fraudulent purpose.

The Undersigned certifies that the equipment presented in the submitted bid proposal meets or exceeds the County specifications, and that the undersigned bidder has carefully examined the specifications, terms and conditions of this bid and is thoroughly familiar with its provisions and quality and type of coverage called for and bid herein. The undersigned further declares that this submitted bid has not been divulged, discussed or compared with any other bidders and that there has been no collusion with any other bidder or parties to a bid whatsoever for any fraudulent purpose.

FULL LEGAL COMPANY NAME: _____

MAILING ADDRESS: _____

MINORITY OR WOMAN OWNED BUSINESS: _____

FEDERAL ID NUMBER OR SOCIAL SECURITY NUMBER: _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

(Typed/Printed Name of Authorized Representative)

TITLE OF REPRESENTATIVE: _____

DATE OF SIGNATURE: _____

TELEPHONE NO: _____

FAX NO: _____

EMAIL ADDRESS: _____

- Submittal Requirements:
- Official County Unit Price Bid Form
 - Attachment "A" – St Johns County Board of County Commissioners Affidavit
 - Attachment "B" – Conflict of Interest Disclosure Form
 - Attachment "C" – Itemized Specification/Cost Sheet
 - Fully Acknowledged Addenda Applicable to this bid

Official County Bid Form, Attachments "A", "B", and "C" must be completed, along with a fully acknowledged copy of each Addendum applicable to this Bid and submitted with each copy of the Bid Proposal. One (1) original and two (2) copies of all required forms must be submitted.

Specifications for Bookmobile

1.0 GENERAL SPECIFICATIONS:

1.1 General

- A. The successful vendor shall furnish all materials, as well as the labor to complete the conversion of the Bookmobile specified herein, or as required to complete and/or exceed the general intent of these specifications.
- B. Unit shall be the latest manufactured current production (Year 2017 or 2018) with all standard components and details. Vehicle shall be new production; used models or demonstrator models will not be accepted.
- C. Equipment shall be new (unused), and of manufacturer's current model year production and shall comply with all applicable Federal environmental, motor vehicle, and safety regulations. The conversion shall be equipped with all features and accessories considered standard for the make and model vehicle/equipment provided as well as those specifically detailed within this specification.
- D. Renewable and/or recycled materials shall be used as practical during the conversion of this vehicle.
- E. Weight loading shall be of significant concern during the conversion of this vehicle for efficiency reasons. Vendor is cautioned to use the lightest materials and construction methods available that will meet all specifications as described herein and make recommendations as appropriate for lightening the static load of the conversion.
- F. All equipment and construction methods shall meet all applicable regulations of the Occupational Safety and Health Act (OSHA), Federal Motor Vehicle Safety Standards (FMVSS), Department of Transportation (DOT), National Electrical Code (NEC), Federal and State noise and pollution control restrictions, and all other applicable local, state and/or federal regulations in effect at the time of execution.
- G. Brand names and model numbers are used throughout this document to convey desired quality levels, with the option for equivalents. The County shall be the sole judge of whether a manufacturer's offerings are deemed equivalent for the purpose of this project.
- H. To ensure uniformity and service in case of accident or major repairs, the manufacturer of the Bookmobile must construct the entire vehicle (with the exception of the chassis). No sub-contracting of the electrical system, module framing, body, interior, cabinetry, or paint finish is acceptable.
- I. Vehicle shall comply with all Federal Highway Administration (FHWA), Department of Transportation (DOT), Federal Motor Vehicle Safety Standards (FMVSS), and Commercial Motor Vehicle Safety Standards (CMVSS) regulations, as well as State and Federal Codes.
- J. Professional workmanship shall meet or exceed existing industry standards.
- K. Unless otherwise specified, the awarded vendor shall unconditionally guarantee the materials and workmanship of the Bookmobile. If any defects or signs of deterioration are noted which in the County's opinion are due to faulty workmanship or materials, the awarded vendor, upon notification and at his/her expense, shall replace or repair the defect within fourteen (14) days. The replacement or repair shall be made only at such time as shall be designated by the County as least detrimental to the operation of County business.

- L. Regardless of any statement to the contrary, the vendor agrees that the implied warranty of merchantability and fitness for a specific purpose is not disclaimed.
- M. The awarded vendor shall be responsible for any commodities and services covered by this contract until delivery and training is completed at the designated point. In addition, the awarded vendor shall bear all risk for rejected commodities after written notice of rejection. Rejected commodities shall be replaced by and at the expense of the awarded vendor after written notification of rejection.

1.2 Warranties

The successful vendor shall furnish a warranty stating that the equipment is suitable for the service intended in accordance with the specifications.

Any and all extended warranty options applicable to this vehicle and its components shall be listed within vendor's proposal with associated costs.

Warranties must include, but not limited to the following:

A. Chassis Warranty

The vehicle chassis shall be covered by the warranty provided by the chassis manufacturer and shall be at least thirty-six (36) months or 36,000 miles, whichever occurs first.

B. Vehicle Conversion Warranty

The manufacturer shall warrant the vehicle and furnished equipment against parts failure or malfunction due to installation errors, defective workmanship and missing or incorrect parts for a minimum period of twenty-four (24) months or 24,000 miles of operation, whichever occurs first.

C. Manufacturer's Pass-Through Warranty

The manufacturer shall extend any additional warranty on any component of the vehicle, in the form of time and/or mileage, including any pro-rata arrangement, which may be provided by the supplier of the component. All equipment and components installed on the vehicle or purchased with the vehicle shall be covered by the warranty of the manufacturer of such equipment or components.

D. Warranty Activation

A Delayed Warranty shall begin when the vehicle is actually placed into service by the County. The Vendor will be contacted once the vehicle is employed.

E. Warranty Repair Work

All warranty corrective action must be initiated within forty-eight (48) hours after notification by the County.

All work performed by the Vendor, to include parts and labor, shall be warranted for a period of at least one (1) year, commencing upon the date the completed vehicle is placed into service.

Work performed by the Vendor shall not void any manufacturer's warranty on the vehicle or equipment.

The Vendor shall assess the damage and provide a time line for repair. If warranty response is improper or inadequate, the County reserves the right to schedule and complete warranty work at a local facility of its choice. All costs incurred will be billed to the Vendor. Vendor shall be given proper notice of such intent prior to execution and an invoice shall be forwarded to the Vendor for payment. The Vendor will reimburse the County for the cost of the repairs within ten (10) working days from the repair.

F. Repair Parts and Service

The Vendor shall be able to furnish replacement parts or furnish service by furnishing a list of agencies where a stock of repair parts, including common wear parts such as filters and hoses, is available and can be secured in a reasonable time after ordering from the manufacturer.

Vendor's Bid Proposal shall list names, locations, and contact information for the nearest authorized service, parts, and warranty facilities. This list shall include facilities related to chassis, body, generator, conversion, etc.

1.3 Pre-Construction Review

Once an offer has been accepted, a Pre-Construction Review shall be held with County Personnel for the purpose of finalizing details and approval of drawings. Such review shall be conducted either through email or face-to-face meeting, at the County's discretion.

1.4 Inspections

The County may make inspection visits during the vehicle conversion to help ensure specification compliance and trouble-free delivery. Equipment/vehicle(s) may be inspected at vendor's place of business at any time during the conversion process by authorized representatives of the County. The cost of these trips shall be the responsibility of the County.

If the equipment/vehicle(s) is inspected after delivery and rejected because of deficiencies, it shall be the vendor's responsibility to make the necessary corrections and redeliver the vehicle for inspection and acceptance.

Final inspection of commodities shall be conclusive except as regards to latent defects, fraud, or such gross mistakes that amount to fraud. Final inspection and acceptance or rejection of the commodities shall be made within a reasonable time after delivery, but failure to inspect and accept or reject commodities shall not impose liability on the County if such commodities and services are not in accordance with the specifications. All commodities delivered to the County shall be accepted subject to inspection.

1.5 Terms:

Net 30 Days

1.6 Delivery Requirements

Delivery shall be:

F.O.B. destination
St. Johns County Fleet Maintenance
2740 Industry Center Road
St. Augustine, Florida 32084.

Qualified personnel representing the Manufacturer shall deliver the unit and remain for a sufficient length of time to instruct County personnel on the proper operation, care and maintenance of the equipment delivered.

All paperwork must be with vehicle at the time of delivery such as Certificate of Origin for a Vehicle (MSO), Florida Department of Highway Safety and Motor Vehicles Application for Certificate of Title with/without Registration, Invoice, Odometer Disclosure Statement, Temporary Tag, etc.

Original invoice shall be supplied upon delivery.

1.7 Training

A trained driver shall deliver the vehicle. Representative of the Vendor/Manufacturer will train staff on vehicle, bumper-to-bumper. County staff will be trained to operate every component on the vehicle and train other staff, if necessary. Driver must be employed with the Vendor; drive-away and contract driver services are not acceptable.

Vendor shall provide in-service training and familiarization for operators and maintenance personnel. Training shall be conducted by factory-trained personnel and shall be comprehensive enough to allow County staff to operate and maintain the equipment provided with maximum safety and design efficiencies.

Training shall occur at the County's Fleet Maintenance location at delivery with 1-2 hours devoted to training fleet personnel on mechanical maintenance of the chassis and generator, and 1-2 hours dedicated to training staff on proper bookmobile operations.

Vendor shall provide a preliminary schedule for training with Bid Proposal.

1.8 Manuals, Documentation, and Keys

A. Manuals

Manuals must be provided in hard copy and electronic version on CD or USB drive upon delivery of the Bookmobile. Complete operating and instructional manuals shall be included with all communications/technical equipment supplied by the Manufacturer, including any warranty information.

Manuals shall include, but not limited to the following:

- (1) Vehicle operating instruction handbook.
- (2) An accessory, components, equipment, and systems instruction handbook(s);
- (3) Technical service manual sets for the chassis, body, generator, and each component installed. Vendor shall include all manufacturer updates for the first year of service.
- (4) Visual parts books or one (1) CD ROM set if books are not available for the body, chassis, and generator.
- (5) Manuals shall cover installation and operation instructions, drawing, illustrations, manufacturer's part numbers, service/lubrication instructions, assembly and disassembly instructions, along with safety precautions to insure proper installation, operation and maintenance.
- (6) Complete wiring diagrams shall be furnished in the Owner's Handbook. These shall be specific to the completed vehicle and shall not be "generic" in nature. Each optional circuit shall be indicated on a separate page.
- (7) Complete dimensional layout drawing of interior front, rear, and both sides.

B. Documentation

Documentation provided upon delivery of vehicle is to include:

- (1) Line set for chassis.
- (2) Certified IA weight ticket listing front axle, rear axle and total weights.

C. Keys

Three (3) complete key sets (ignition, doors, auxiliary locks, compartments, fuel, as applicable) must be provided upon delivery of the Bookmobile.

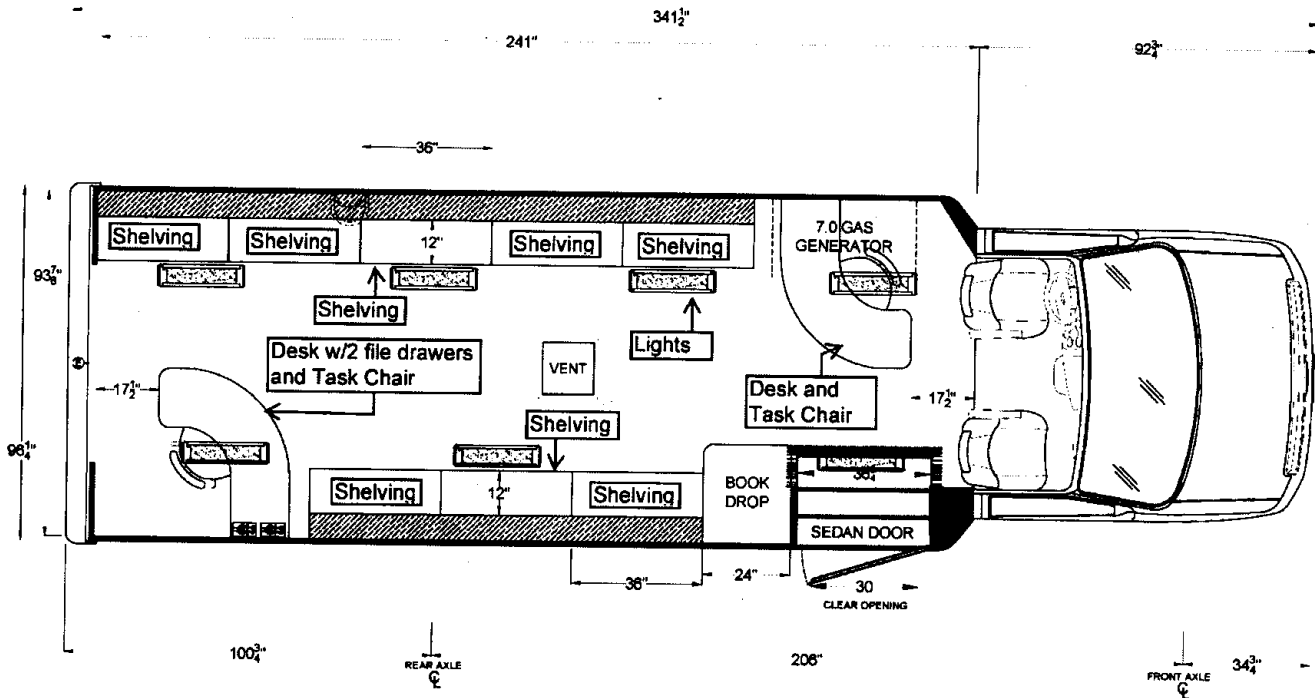
2.0 **BASE VEHICLE SPECIFICATIONS**

Specifications below express the approximate size, type and configuration of the desired vehicle. Bookmobile offered should be substantially similar in size, quality, and shall include all listed features and modifications, if any.

Brand names and model numbers are used throughout this document to convey desired quality levels, with the option for equivalents. The County shall be the sole judge of whether a manufacturer's offerings are deemed equivalent for the purpose of this project.

2.1 New vehicle (Model Year 2017 or 2018)

2.2 Capacities/Dimensions:



- A. Overall Exterior Length: approximately 28.5'
- B. Overall Exterior Width: approximately 96.25" (excluding mirrors)
- C. Overall Exterior Height: approximately 11'6" (including air conditioner)
- D. Interior Length: approximately 241" (load space)
- E. Interior Width: approximately 90"
- F. Interior Height: approximately 80" to 84"
- G. Wheelbase: approximately 206"

- H. Floor Height from Ground: 39" (Maximum)
- I. Ground Clearance: 12" minimum
- J. Fuel Tank Capacity: 50.00 gallons (minimum)
- K. GVWR: 14,500 lbs. up to 26,000 lbs. (maximum). GVWR must not exceed 26,000 lbs. for non-CDL operation.

2.3 Body:

- A. Turtle Top 012717Q1-Shell Odyssey, MPV Body - 241" Floor Odyssey, or approved equivalent
 - Welded tubular steel cage;
 - Welded perimeter steel floor frame & plates supported by formed cross-members;
 - Seat track mounted in floors and sidewalls (where applicable);
 - Steel wheel well plates;
 - Drive shaft guards;
 - Re-route exhaust to driver's side;
 - Steel cage primered with rust inhibitor;
 - Underbody foam sealed and undercoated;
 - Rear mud flaps;
 - 5/8" AdvanTech subfloor;
 - Fiberglass front and rear cowl;
 - Fiberglass composite exterior sidewalls;
 - One-piece pre-molded fiberglass roof;
 - 1" polystyrene foam board insulation;
 - Durable bright white reinforced fiberglass ceiling and sidewalls;
- B. Exterior Skirts: Odyssey, or approved equivalent, Contoured Sidewall, Molded Flat

2.4 Chassis:

- A. Ford E450 MPV-ODYSSEY, or approved equivalent, 6.8L Gas V10 with Door; 14500 lbs GVWR with 225 AMP OEM Alternator
- B. Compressed Natural Gas (CNG) Gaseous Prep Package

2.5 Chassis Stretch / Suspension:

- A. Chassis MOD-WB Stretch, 158" to 206"MOD
- B. Front Spring Package for proposed wheelbase; Ford, or approved equivalent
- C. MOR-RYDE Rear Suspension System as required for proposed model; Van Terra & Odyssey, or approved equivalent

2.6 Door & Windows:

- A. Heavy Duty Sedan Style Entrance Door – In Body installed on curb side of vehicle; Standard FORD 1520 Series Door, or approved equivalent
- B. Quantity two (2) Bay Window – 18" H x 28 1/2" W with Bottom T-Slider with Screen
- C. Egress Rear Window 26" H x 54" W
- D. Window Shades: Quantity three (3) Stitchbond Opaque Pleated Shade; Color to be determined upon order.

2.7 Climate Control:

- A. Roof Air Conditioning (A/C) Unit: 15,000 BTU with Heat Strip, No Remote Thermostat

2.8 Storage:

- A. Exterior Skirt Storage (14" x 19" x 22")

2.9 Electrical:

- A. Group 31 Extreme Duty Batteries (QTY. 2) Mounted in a Vented SS Battery Tray with Slides
- B. RVS Backup Camera: 7" Mirror Monitor; Includes 7-inch windshield mount LCD Monitor (Replaces OEM rearview mirror), Blind Spot Assist System, Two side view blind spot cameras, and One rear backup camera
- C. Quantity four (4) Double 110v Receptacles with Dual USB Ports
- D. Quantity two (2) Receptacles 110V Double-GFI
- E. 7.0 ONAN MARQUIS Gas Generator, or approved equivalent; to include generator box and door
- F. Automatic Charging Relay
- G. Body Load Disconnect Switch
- H. Electrical Package – Basic 110V, 50-AMP; to include 110V Inlet, 30' Shore Power Cord, 50-AMP Electrical Box, 50-AMP Main Breaker, and 50-AMP Transfer Switch
- I. Converter 110V TO 12V, 60AMP with Charger

- J. Operator-friendly switch panel
- K. Color-coded high temp GXL wiring

2.10 Flooring:

- A. Flat floor with three step entry
- B. Smooth black rubber floor, black ribbed rubber aisle, black rubber in stepwell, with black step treads
- C. Altro Floor Upgrade, Odyssey, or approved equivalent

2.11 Safety:

- A. Back-Up Alarm
- B. Carbon Monoxide Monitor

2.12 Lights & Signs:

- A. Load Area Ceiling Lights: Quantity seven (7) MAXXIMA M84426 LED Ceiling Light, or approved equivalent
- B. Exterior LED third brake light
- C. Incandescent backup lights
- D. LED license plate lights
- E. Convenience lighting in cab and stepwell

2.13 Interior Options:

- A. Standard White Pebble Grain FRP Sidewalls and Ceiling
- B. Assist Rail – Angled at Entrance Door
 - (1) Angled hand rail at left of entrance door, grab bar (18”) at right of entrance door
- C. Cabinetry
 - (1) One (1) fixed, curved desk located in front of unit
 - (2) One (1) fixed, curved desk with two (2) file drawers in rear of unit
 - (3) One (1) 24” built-in, enclosed book return, with face-mounted book return slot, locking access doors, and solid top. *Note: book return slot is to be located inside vehicle and not accessible from the exterior.

D. Seating

- (1) Task Chair: Quantity two (2) Task Chairs with Tie-Downs
- (2) Driver's High Back Seat

2.14 Exterior Options:

- A. Quantity four (4) Wheel Liners; Stainless Steel, Odyssey, or approved equivalent
- B. Tire Carrier; Underfloor, Odyssey, or approved equivalent
- C. Spare Tire and Wheel, Odyssey, or approved equivalent
- D. Mirrors: Power Remote with Heat, Odyssey, or approved equivalent

3.0 OPTIONAL (ALTERNATIVE) VEHICLE SPECIFICATIONS (to be priced separately from base bid)

3.1 Alternative No. 1: Shelving

- Acore (or approved equivalent) book shelving; quantity up to eight (8) 36"W x 12"D shelving units as space permits.

3.2 Alternative No. 2: Exterior Wrap for Graphics and Signage

- Exterior Wrap is to include design, printing and wrapping of vehicle.
- Vendor shall work with County on design of wrap

3.3 Alternative No. 3: Manual Awning

- Install manual operated Awning on curbside of the vehicle

Bid No: 17-60

Purchase of One (1) Bookmobile for St. Johns County Public Library

Remarks to Bidder:

Bids must be submitted in **TRIPLICATE**. Bids must be placed in an envelope, sealed and plainly marked **SEALED BID NO. 17-60, PURCHASE OF ONE (1) BOOKMOBILE for ST. JOHNS COUNTY PUBLIC LIBRARY**

The company name must be indicated on the envelope, also.

All bids must be signed manually by a responsible officer of your company in ink or indelible pencil.

Sealed Bids are due no later than 2:00 P.M. on Wednesday, July 19, 2017

Any and all questions related to this project shall be directed, *in writing*, to Diana M. Fye, CPPB, Procurement Coordinator, Purchasing Department, via email to dfye@sjcfl.us or fax to (904) 209-0163. Questions are due in writing no later than 4:00 PM on **Thursday, July 6, 2017**, so that any necessary addenda may be issued in a timely manner. Any questions received after the deadline will not be answered unless previously approved by the SJC Purchasing Manager or other designated County Representative.

If there are any exceptions to the bid proposal or specifications, please state here or on attached sheet.

Attachment "A" affidavit must be completed and attached to bid proposal.

Attachment "B" Conflict of Interest Disclosure Form

Attachment "C" Itemized Specification/Cost Sheet, or Bidder's own specification sheet (as long as it meets the same format as the County supplied Attachment "C") must be completed and attached to bid proposal. (Attachment "C" is uploaded in DemandStar.com as a separate, locked, fillable Excel worksheet.)

St. Johns County reserves the right to accept or reject any or all bids/proposals, waive minor formalities, and to award the bid/proposal that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any alternate bids in any combination that best suits the needs of the County.

Bid No: 17-60

Purchase of One (1) Bookmobile for St. Johns County Public Library

ATTACHMENT "A"

ST. JOHNS COUNTY, BOARD OF COUNTY COMMISSIONERS AFFIDAVIT

TO: ST. JOHNS COUNTY, BOARD OF COUNTY COMMISSIONERS,
ST. JOHNS COUNTY, ST. AUGUSTINE, FLORIDA.

At the time the proposal is submitted, the Bidder shall attach to his Bid a sworn statement.

This sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association, or corporation submitting the proposal, and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF FLORIDA, COUNTY OF ST. JOHNS

Before me, the Undersigned authority, personally appeared _____ who being duly sworn, deposes and says he is _____ (Title) of the firm of _____ Bidder submitting the attached proposal for the services covered by the bid documents for Bid No: 17-60; Purchase of One (1) Bookmobile for St. Johns County Public Library, in St. Johns County, Florida.

The affiant further states that no more than one proposal for the above-referenced project will be submitted from the individual, his firm or corporation under the same or different name, and that such Bidder has no financial interest in the firm of another bidder for the same work. That neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, nor otherwise taken any action in restraint of free competitive bidding in connection with this firm's Bid on the above-described project. Furthermore, neither the firm nor any of its officers are barred from participating in public contract lettings in the State of Florida or any other state.

(Bidder)

Sworn and subscribed to me this _____ day
of _____, 20____.

By: _____

Notary Public:

(Title)

Signature

Printed

My commission Expires: _____

BIDDER ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFADAVIT TO EACH BID.

ATTACHMENT "B"

**St. Johns County Board of County Commissioners
Conflict of Interest Disclosure Form**

Project (RFQ, RFP, BID) Number/Description: Bid No 17-60 Purchase of One (1) Bookmobile for St. Johns County Public Library

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:

- I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.
- The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent: _____

Authorized Representative(s) :

_____	_____
Signature	Print Name/Title
_____	_____
Signature	Print Name/Title

Bid No: 17-60

Purchase of One (1) Bookmobile for St. Johns County Public Library
 (Attachment C is uploaded to DemandStar.com as a separate, locked, fillable Excel worksheet)



ATTACHMENT C - ITEMIZED SPECIFICATION/COST SHEET

ST. JOHNS COUNTY, FLORIDA

BID NO. 17-60

PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY PUBLIC LIBRARY

Completed "Attachment C" (or Bidder's own specification sheet meeting same format as Attachment C) MUST be included with Bid Submission.
 Instructions to save Attachment from website: Perform "File Save As" and save spreadsheet to your computer.
 Fill in pricing in Green highlighted cells, preferably electronically.
 Bidders are required to complete all fields shaded in green. All other fields will be automatically calculated.

NAME OF BUSINESS (BIDDER): _____

TOTAL BASE BID FOR BOOKMOBILE TO INCLUDE THE ITEMIZED SPECIFICATIONS LISTED BELOW:					\$
MAKE and MODEL of VEHICLE PROPOSED:					
CAPACITIES/DIMENSIONS OF PROPOSED VEHICLE: (Attach Sample Drawing of proposed finished vehicle)					
Overall Exterior Length:					
Overall Exterior Width:					
Overall Exterior Height:					
Interior Length:					
Interior Width:					
Interior Height:					
Wheelbase:					
Floor Height from Ground:					
Ground Clearance:					
Fuel Tank Capacity:					
GVWR:					
SPECIFICATIONS INCLUDED IN BASE BID: * Brand names and model numbers are used to convey desired quality levels, with the option for substitution					
OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide detailed information)					
	UNIT OF MEASURE	QUANTITY	UNIT PRICE	EXTENDED PRICE (INCLUDED IN BASE BID AMOUNT)	
BODY:					
Turtle Top 012717Q1-Shell Odyssey, MPV BODY - 241" FLOOR ODYSSEY (Welded tubular steel cage; Welded perimeter steel floor frame & plates supported by formed cross-members; Seat track mounted in floors and sidewalls (where applicable); Steel wheel well plates; Drive shaft guards; Rear route exhaust to driver's side; Steel cage primered with rust inhibitor; Underbody foam sealed and undercoated; Rear mud flaps; 5/8" AdvanTech subfloor; Fiberglass front and rear cowl; Fiberglass composite exterior sidewalls; One-piece pre-molded fiberglass roof; 1" polystyrene foam board insulation; Durable bright white reinforced fiberglass ceiling and sidewalls)	EACH	1	\$ -	\$ -	
EXTERIOR SKIRTS: (MPEX331) CONTOURED SIDEWALL, MOLDED FLAT EXTERIOR SKIRTS	EACH	1	\$ -	\$ -	
CHASSIS:					
(E45158DSM5P-17) 2017 FORD E450 158" 6.8L GAS V10 W/DOOR; 14,500 LB. GVWR WITH 225 AMP OEM ALTERNATOR	EACH	1	\$ -	\$ -	
COMPRESSED NATURAL GAS (CNG) GASEOUS PREP PACKAGE	EACH	1	\$ -	\$ -	
CHASSIS STRETCH / SUSPENSION:					
CHASSIS: (CHA229) CHASSIS MOD-WB STRCH, 158" TO 206" MOD	EACH	1	\$ -	\$ -	
FRONT SPRING PACKAGE: (MPEXT702) FORD FRONT SPRING PKG FOR 200" WB OR LONGER	SET	1	\$ -	\$ -	
REAR SUSPENSION: (MPEXT701-1) VAN TERRA & ODYSSEY MOD-RYDE REAR SUSPENSION SYSTEM	EACH	1	\$ -	\$ -	
DOOR & WINDOWS:					
ENTRANCE DOOR: (MPDRW095) HEAVY DUTY SEDAN STYLE ENTRANCE DOOR - IN BODY, CURB SIDE; STANDARD FORD 1520 SERIES DOOR	EACH	1	\$ -	\$ -	
BAY WINDOWS: (MPDRW417) BAY WINDOW; 18" H X 28-1/2" W; BOTTOM SLIDER WITH SCREEN	EACH	2	\$ -	\$ -	
REAR WINDOW: (MPDRW512) EGRESS REAR WINDOW 26" H X 54" W	EACH	1	\$ -	\$ -	
WINDOW SHADES: (MPDRW801) STITCHBOND OPAQUE PLEATED SHADE	EACH	3	\$ -	\$ -	
CLIMATE CONTROL:					
AIR CONDITIONING UNIT: (MPCLC400) ROOF A/C 15,000 BTU WITH HEAT STRIP; NO REMOTE THERMOSTAT	EACH	1	\$ -	\$ -	



ATTACHMENT C - ITEMIZED SPECIFICATION/COST SHEET
ST. JOHNS COUNTY, FLORIDA
BID NO. 17-60
PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY PUBLIC LIBRARY

NAME OF BUSINESS: _____

SPECIFICATIONS INCLUDED IN BASKET (ITEM NUMBERS AND QUANTITIES ARE USED TO CORRELATE WITH THE BIDDING DOCUMENTS)	ADDITIONAL EQUIVALENT OFFERED (ADDITIONAL EQUIVALENTS CAN BE ATTACHED TO THIS LINE FOR ADDITIONAL INFORMATION)	UNIT OF MEASURE	QUANTITY	UNIT PRICE	TOTAL PRICE	REMARKS (INCLUDES IF APPLICABLE)
STORAGE:						
SKIRT STORAGE: (ST0307-TT) EXTERIOR SKIRT STORAGE 14" X 19" X 22"		EACH	1	\$ -	\$ -	
ELECTRICAL:						
BATTERIES: (MPELE213) GROUP 31 EXTREME DUTY BATTERIES (QTY 2); MOUNTED IN A VENTED SS BATTERY TRAY WITH SLIDES		EACH	1	\$ -	\$ -	
BACKUP CAMERA: (MPELE346) RVS BACKUP CAMERA; 7" MIRROR MONITOR; INCLUDES: 7" WINDSHIELD MOUNT LCD MONITOR (REPLACES OEM REARVIEW MIRROR), BLIND SPOT ASSIST SYSTEM, TWO SIDE VIEW RECEPTALS: (MPSPECIAL) DOUBLE 110V RECEPTAL WITH DUAL USB PORTS		EACH	1	\$ -	\$ -	
RECEPTALS: (MPELE504) RECEPTAL; 110V DOUBLE GFI		EACH	4	\$ -	\$ -	
GENERATOR: (MPELE606-C) 7.0 ONAN MARQUIS GAS GENERATOR; INCLUDES GENERATOR BOX AND DOOR		EACH	2	\$ -	\$ -	
CHARGING RELAY: (MPELE627) AUTOMATIC CHARGING RELAY		EACH	1	\$ -	\$ -	
SWITCH: (MPELE629) BODY LOAD DISCONNECT SWITCH		EACH	1	\$ -	\$ -	
ELECTRICAL PACKAGE: (MPELE704) ELECTRICAL PACKAGE; BASIC 110V, 50 AMP; INCLUDES: 110V INLET 30' SHORE POWER CORD, 50-AMP ELECTRICAL BOX, 50-AMP MAIN BREAKER, 50-AMP TRANSFER SWITCH		EACH	1	\$ -	\$ -	
CONVERTER: (MPELE705-2) CONVERTER 110V TO 12V, 60 AMP WITH CHARGER		EACH	1	\$ -	\$ -	
SWITCH PANEL: OPERATOR-FRIENDLY SWITCH PANEL		EACH	1	\$ -	\$ -	
WIRING: COLOR-CODED HIGH TEMP GXL WIRING		SET	1	\$ -	\$ -	
FLOORING:						
PER SPECIFICATIONS: (MPFLR112) ALTRO FLOOR UPRGRADE, ODYSSEY		EACH	1	\$ -	\$ -	
SAFETY:						
(MPSFY301) BACK-UP ALARM		EACH	1	\$ -	\$ -	
(MPSFY304) CARBON MONOXIDE MONITOR		EACH	1	\$ -	\$ -	
LIGHTS & SIGNS:						
LOAD AREA CEILING LIGHTS: (MPLT5304) MAXXIIMA M84426 LED CEILING LIGHT		EACH	7	\$ -	\$ -	
EXTERIOR LED THIRD BRAKE LIGHT		EACH	1	\$ -	\$ -	
INCANDESCENT BACKUP LIGHTS		EACH	1	\$ -	\$ -	
LED LICENSE PLATE LIGHTS		EACH	1	\$ -	\$ -	
CONVENIENCE LIGHTING IN CAB AND STEPWELL		EACH	1	\$ -	\$ -	
INTERIOR:						
SIDEWALLS AND CEILING: (STANDARD) WHITE PEBBLE GRAIN FRP SIDEWALLS AND CEILING		EACH	1	\$ -	\$ -	
ASSIT RAIL: (MPINT208) ASSIST RAIL; ANGLED AT LEFT OF ENTRANCE DOOR, GRAB BAR (18") AT RIGHT OF ENTRANCE DOOR		SET	1	\$ -	\$ -	
INTERIOR CABINETRY:						
DESK: FIXED, CURVED DESK LOCATED AT THE FRONT OF UNIT		EACH	1	\$ -	\$ -	
DESK: FIXED, CURVED DESK WITH TWO (2) FILE DRAWERS IN REAR OF UNIT		EACH	1	\$ -	\$ -	
BOOK RETURN: 24" BUILT-IN ENCLOSED BOOK RETURN		EACH	1	\$ -	\$ -	
SEATING:						
TASK CHAIR: (MPSTS-0C) TASK CHAIR WITH TIE-DOWNS		EACH	2	\$ -	\$ -	
DRIVER'S SEAT: (DEM) DRIVER'S HIGH BACK SEAT		EACH	1	\$ -	\$ -	



ATTACHMENT C - ITEMIZED SPECIFICATION/COST SHEET

ST. JOHNS COUNTY, FLORIDA

BID NO. 17-60

PURCHASE OF ONE (1) BOOKMOBILE FOR ST. JOHNS COUNTY PUBLIC LIBRARY

NAME OF BUSINESS: _____


SPECIFICATIONS: (Material specifications are used to convey size and quantity for each item with the option of alternate items)		OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide descriptive information)	UNIT OF MEASURE	QUANTITY	UNIT PRICE	EXTENDED PRICE (INCLUDED IN BASE BID AMOUNT)
EXTERIOR OPTIONS:						
WHEEL LINERS: (MPEXT101) WHEEL LINERS; STAINLESS STEEL; ODYSSEY (4 EACH)			SET	1	\$ -	\$ -
TIRE CARRIER: (MPEXT103) TIRE CARRIER UNDERFLOOR, ODYSSEY			EACH	1	\$ -	\$ -
SPARE TIRE: (MPEXT104) SPARE TIRE AND WHEEL, ODYSSEY			EACH	1	\$ -	\$ -
MIRRORS: (MPEXT501) MIRRORS, POWER REMOTE WITH HEAT, ODYSSEY			SET	1	\$ -	\$ -
SPECIFICATIONS: (Material specifications are used to convey size and quantity for each item with the option of alternate items)		OPTIONAL EQUIVALENT OFFERED (Additional spec sheet can be attached to provide descriptive information)	UNIT OF MEASURE	QUANTITY	UNIT PRICE	EXTENDED PRICE
ALT 1	SHELVING: ACORE BOOK SHELVING; 36"W X 12"D		EACH	8	\$ -	\$ -
ALT 2	EXTERIOR WRAP FOR GRAPHICS AND SIGNAGE		EACH	1	\$ -	\$ -
ALT 3	MANUAL AWNING		EACH	1	\$ -	\$ -

SEALED BID MAILING LABEL

**BID NO: 17-60
PURCHASE ONE (1) BOOKMOBILE
FOR ST. JOHNS COUNTY PUBLIC LIBRARY**

**Cut along the outer border and affix this label
to your sealed bid envelope to identify it as a
"Sealed BID"**

SEALED BID • DO NOT OPEN	
SEALED BID NO.:	BID NO: 17-60
BID TITLE:	Purchase One (1) Bookmobile for St. Johns County Public Library
DUE DATE/TIME:	By 2:00PM – July 19, 2017
SUBMITTED BY:	Company Name
	Company Address
	Company Address
DELIVER TO:	St. Johns County Purchasing Dept. ATTN: Diana M. Fye 500 San Sebastian View St St. Augustine FL 32084



END OF BID DOCUMENT



St. Johns County Board of County Commissioners

Purchasing Division

July 11, 2017

ADDENDUM #1

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: Bid No. 17-60, Purchase of One (1) Bookmobile for St. Johns County Public Library

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid that he/she has received all Addenda. **A signed copy of each Addendum must be submitted with bid to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.**

ST. JOHNS COUNTY AUTHORIZED "APPROVED EQUIVALENTS":

The following proposed alternatives have been authorized by St. Johns County as "Approved Equivalents" to the brand names and model numbers listed in the specifications and on Attachment C – Itemized Specification/Cost Sheet for the Bookmobile. Respondents including any approved equivalent in their base bid must identify the substituted item in the space provided on Attachment C.

PAGE	SECTION	TITLE	SPEC AS WRITTEN	APPROVED EQUAL REQUEST	SJC APPROVED AS EQUAL 07/11/2017
14	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	A. Overall Exterior Length: approximately 28.5'	We respectfully request the acceptance of our offering which is 27' 7 5/8"	YES
24	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	D. Interior Length: approximately 241" (load space)	We respectfully request the acceptance of our interior length 222 3/16" (load space)	YES
24	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	F. Interior Height: approximately 80" to 84"	Interior Height: 78.5" inches	YES
26	2.0 BASE VEHICLE SPECIFICATIONS	2.2 Capacities/Dimensions:	G. Wheelbase: approximately 206"	We respectfully ask for the acceptance of our 208" wheelbase.	YES
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-Shell Odyssey	A. Turtle Top 012717Q1-Shell Odyssey, MPV Body - 241" Floor Odyssey, or approved equivalent	We do not build Turtle Top vehicles so we respectfully ask for the acceptance of the Glaval Universal. Detailed build specifications and brochure included	YES
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-Shell Odyssey	A. 7th "dot" Down, "Steel cage primered with rust inhibitor	We respectfully request the acceptance of our G90 galvanized steel structure.	YES

PAGE	SECTION	TITLE	SPEC AS WRITTEN	APPROVED EQUAL REQUEST	SJC APPROVED AS EQUAL 07/11/2017
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-Shell Odyssey	A. 14th "dot" Down, "1" polystyrene foam board insulation"	We respectfully request the acceptance of our 1 1/2" block foam polystyrene insulation as exceeding your specification.	YES
15	2.3 BODY:	2.3 A. Turtle Top 012717Q1-Shell Odyssey	A. 15th "dot" Durable bright white reinforced fiberglass ceiling and sidewalls"	We respectfully request the acceptance of our filon interior ceiling and sidewalls.	YES
15	2.3 BODY:	2.3 B. Exterior Skirts: Odyssey, or approved equivalent, Contoured Sidewall, Molded Flot	B. Exterior Skirts: Odyssey, or approved equivalent, Contoured Sidewall, Molded Flat	Only one manufacturer can build Odyssey exterior skirts and contoured sidewalls. We respectfully request the acceptance of our exterior skirts and sidewalls. Pictures enclosed.	YES
15	2.4 CHASSIS	2.4 A. Ford E450 MPV- ODYSSEY, or approved equivalent, 6.8L Gas V10 with Door; 14,500 lbs GVWR with 225 AMP OEM Alternator.	A. Ford E450 MPV-ODYSSEY, or approved equivalent, 6.8L Gas V10 with Door; 14,500 lbs GVWR with 225 AMP OEM Alternator.	We respectfully request the acceptance of the Ford E450 Glaval - Universal, 6.8L Gas V10 with Door; 14500 lbs GVWR with 225 AMP OEM Alternator. Literature attached.	YES
16	2.6 DOOR & WINDOWS:	2.6 C. Egress Rear Window 26" H x 54" W	C. Egress Rear Window 26" H x 54" W	We respectfully request the acceptance of our standard rear egress window that measures 22 1/2" H x 60" W. This is strictly a difference in construction method. We provide a wider and slightly short window. The functionality is the same. Please accept our offering (picture included).	YES
17	2.13 INTERIOR OPTIONS:	2.13 A. Standard White Pebble Grain FRP Sidewalls and Ceiling	A. Standard White Pebble Grain FRP Sidewalls and Ceiling	We respectfully request the acceptance of our standard white Filon interior. This is a difference in manufacturing preference. The functionality is the same just different material (pictures and data sheet attached).	YES
18	2.14 EXTERIOR OPTIONS:	2.14 A. Quantity four (4) Wheel Liners; Stainless Steel, Odyssey, or approved equivalent	A. Quantity four (4) Wheel Liners; Stainless Steel, Odyssey, or approved equivalent	We respectfully request the acceptance of our Wheel Liners; Stainless Steel. The industry uses the same wheel liners. These are not unique to Turtle Top or the Odyssey bus they build.	YES
18	2.14 EXTERIOR OPTIONS:	2.14 B. Tire Carrier; Underfloor, Odyssey, or approved equivalent	B. Tire Carrier; Underfloor, Odyssey, or approved equivalent	We respectfully request the acceptance of our Spare Tire and Wheel. There is nothing special about a spare tire and wheel that it be tied to the Turtle Top Odyssey brand. We respectfully request ours as equal - they are exactly the same.	YES
18	2.14 EXTERIOR OPTIONS:	2.14 D. Mirrors: Power Remote with Heat, Odyssey, or approved equivalent	D. Mirrors: Power Remote with Heat, Odyssey, or approved equivalent	We respectfully request the acceptance of our Heated Remote mirrors (see picture and specs attached).	YES

THE BID DUE DATE REMAINS JULY 19, 2017 AT 2:00 P.M.

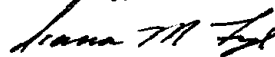
Acknowledgment

Signature and Date

Printed Name/Title

Company Name (Print)

Sincerely,



Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 1

2017 Universal Build Specifications



THE GLAVAL ADVANTAGE

Glaval utilizes a "Steel-Safe" construction to provide superior structural integrity for maximum safety and impact protection. All body structures are fixture welded including the floor, sidewalls, roof, and the rear wall. All joints are welded to form the structure with the exception of window radius extrusions which are mechanically fastened. Floor, walls and roof are finished to meet G90 specifications for superior rust prevention. No electrical and electronic subsystem or component will generate, or be affected by, electromagnetic interference or radio frequency interference that can disturb the performance of electrical/electronic equipment as defined in SAE J1113.

Glaval's unique body-to-chassis mounting system provides full length isolation of our floor frame and the chassis frame. This process spreads the load of the body evenly across the frame from front to rear for a unified weight load resulting in less stress on the floor structure and chassis frame, reduction of vibration and road noise, and conforms to SAE standard J366. Each vehicle meets air pollution control standards of the US Environmental Protection Agency (EPA) and all applicable state and local regulations at time of manufacturing.

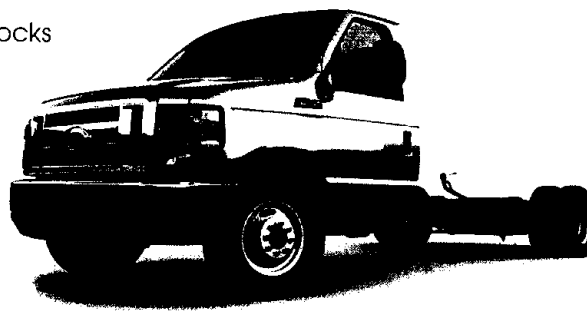
CHASSIS SPECIFICATION

MANUFACTURER

Ford

STANDARD CHASSIS EQUIPMENT

- o Ford E-350, E-450
- o Rear Wheel Drive
- o Front Chrome Bumper/Grill w/License Plate Bracket
- o Engine Block Heater
- o Front Twin I-Beam I.S. w/Anti-Roll Bar, HD Shocks
- o Rear Rigid Axle Leaf Spring Suspension w/HD Shocks
- o Brakes: 4-Wheel ABS Disc
- o 11.5K/12.5K/14.5K Alternator: 225 Amp Extra HD
- o 14K Alternator: 240 Amp HD
- o OEM Compressor for Dash A/C
- o Tilt Steering Wheel
- o Power Steering
- o Cruise Control w/Steering Wheel Controls
- o Daytime Running Lights
- o Sun visor(s)
- o 11.5K/12.5K Chassis - 40 Gallon Fuel Tank
- o 14K/14.5K Chassis - 55 Gallon Fuel Tank



GVWR

11,500, 12,500, 14,000 and 14,500 lbs.

AXLES

11,500 Chassis: 4,600# Front 17,800# Rear Rigid w/4.56 Ratio

12,500 Chassis: 5,000# Front 18,500# Rear Rigid w/4.56 Ratio

14K/14.5K Chassis: 5,000# Front 19,600# Rear Rigid w/4.56 Ratio

SUSPENSION

FRONT: Independent Twin I-beam with anti-roll bar, HD shocks and coil springs.

REAR: Leaf springs with HD shocks.

2017 Universal Build Specifications



ENGINE

11.5K/12.5K/14.5K: Front mounted Triton V-10 6.8L SOHC 305 HP @ 4,250 RPM; 420 ft.-lb @ 3,250 RPM; Regular Unleaded

14K: Front mounted Triton V-8 6.2L SOHC 331 HP @ 5,500 RPM; 356 ft.-lb @ 4,000 RPM; Regular Unleaded Engine(s) certified to all applicable Federal EPA and State of California (CARB) emissions.

EXHAUST SYSTEM

Pipe constructed from 3" stainless steel (OEM) and aluminized mild steel. System includes all necessary heat shields and rubberized hangers; exhaust exiting at rear of vehicle.

FUEL TANK

11.5K/12.5K Chassis: Single 40 gallon gasoline tank mounted between frame rails.

14K/14.5K Chassis: Single 55 gallon gasoline tank mounted between frame rails.

TIRES & WHEELS

TIRES (F&R): Michelin LTX 225/75R16 w/AS Tread; BSW

WHEELS (F&R): 16x6, 8 Hub Pilot, 4 Hand, Painted White Steel

TRANSMISSION

TorqShift 6 Speed Automatic w/Overdrive and Tow-Haul

DRIVESHAFT

Minimum 3" diameter driveshaft w/safety retaining loops added to any sections not covered by OEM.

STEERING

Chassis comes equipped w/hydraulic power-assist re-circulating ball steering, manual tilt column and urethane steering wheel w/integrated cruise controls.

BRAKES

Hydraulic four wheel ABS disc brakes.

Parking Brake: Foot operated set, hand release.

DRIVER'S CONTROLS & INSTRUMENTATION

The driver's area consists of an ergonomically designed dash and console complete with controls and instrumentation. All system control switches are labeled and illuminated.

WINDSHIELD WIPERS & WASHER

OEM two speed electric wipers are provided w/variable speed control. Arms and blades are 20" long and park at the lower edge of the windshield and two cowl mounted sprayers are powered by an electric pump.

EXTERIOR

FLOOR

The floor is constructed from 2" x 2" - 13 ga. galvanized (G90) cross members welded on 24" centers. Two 1 3/4" x 5 3/4" - 11 ga. galvanized longitudinal hat channels run the entire length of the floor and is welded to the cross members. One-piece 14 ga. (minimum) galvanized steel plates are installed over the rear wheels for a flat floor layout; two-piece 14 ga. (minimum) galvanized steel wheel houses are installed for standard floor.

SIDEWALLS

The roadside and curbside walls are constructed from 1 1/2" square - 18 ga. galvanized (G90) tubes welded on 24" centers. A modified galvanized C-Channel is welded to the bottom of the wall and a 1 1/2" - 11 ga. galvanized angle is welded at the top. The exterior skin is .024" galvanized steel with

white exterior face laminated to 2.7 mm lauan. All wall cavities are filled with 1 1/2" block foam insulation. This insulation meets a value of R-7. The interior panels are 3.2 mm gray vinyl covered lauan. The components are vacuum laminated using water activated urethane adhesive.

ROOF

The roof is constructed from 1 1/2" square - 18 ga. galvanized (G90) formed tubes welded every 24", seated into a 1 1/2" galvanized c-channel bottom rail. The exterior skin is one piece, .065" thick, CosmoLite™ laminated to 2.7 mm lauan. The cavities of the roof structure are filled with expanding spray foam insulation with a value of R-6. The interior panels are 3.2 mm gray vinyl covered lauan. The roof components are compression laminated using water activated urethane adhesive.

REAR WALL

The rear wall is constructed from 1 1/2" square - 18 ga. galvanized (G90) tubing. The exterior skin is .024" galvanized steel with white exterior face laminated to 2.7 mm lauan. All wall cavities are filled with 1 1/2" block foam insulation with a value of R-7. The interior panels are 3.2 mm gray vinyl covered lauan. The rear wall components are vacuum laminated using water activated urethane adhesive.

FIBERGLASS FRONT

The front cap consists of three fiberglass components, a front cap, road side transition and curb side mor/view panel. The front cap overlaps the roof and sidewalls and is mechanically fastened at the seams with aluminum trim and vinyl cover.

ABS REAR

The rear cap consists of five ABS components, a top halo and both an upper and a lower vertical chimney on each side. These panels overlap the roof and sidewalls and are mechanically fastened at the seams with an aluminum trim and vinyl cover.

ASSEMBLY

The floor structure is bolted through the chassis frame rails. A 1/4" rubber isolator is placed on the top face of the frame rails with the hat channel placed over the rubber. This assembly is fastened together using 1/2"-13 grade 5 bolts torqued to 49-59 ft-lbs. Sidewalls are fastened to the floor structure using 3/8"-16 grade 5 bolts passing through the bottom c-channel into mounting tabs which are welded to the floor cross members every 24". The roof is fastened to the sidewall structures using 3/8"-16 grade 5 bolts passing through the roof c-channel into the sidewall top angle every 24". The rear wall is welded to the sidewall, roof, and floor structures at mounting tabs located at points around the perimeter of rear wall. The front cap, rear cap and door seams are attached using aluminum trim channel with a white vinyl cover. Any fastener exposed to the elements is constructed of zinc, stainless steel, or black oxide.

WINDOWS

WINDSHIELD

The windshield is a single piece laminated safety glass, rated AS-1.

DRIVER | CO-PILOT WINDOWS

The driver's window is a manual opening, tempered and rated AS-2.

MOR-VIEW WINDOW

Mor-View is clear, 1/8" thick, tempered, rated AS-2 w/392 sq. in. of clear viewing area.

PASSENGER WINDOWS

Passenger windows are 1/8" thick transit style tempered glass w/top sliders and 20% light transmitting tint; rated AS-3. The window size is 46 1/2"w x 32 1/2"h. An interior clamp ring and a bulb seal allow a water tight fit. Emergency egress windows are constructed in the same manner but feature a top

hinge and heavy duty red handles, which when released allow the window to open. Emergency windows are clearly labeled with operation instructions in a visible location on window. The quantity of egress windows are determined by passenger capacity.

REAR EMERGENCY WINDOW

The rear emergency window is 1/8" thick with 20% light transmitting tint, rated AS-3. The window size is 60"w x 22 1/2"h.

DRIP RAIL

A continuous rain gutter is installed along both sides of vehicle at the wall/roof seam ensuring water is diverted from entrance locations.

UNDERCOATING

The underbody is sprayed with a tough, pliable, corrosion protectant with sound deadening properties applied in accordance with the chassis manufacturer's guidelines.

DOORS

ENTRY

The entry door surround is an integrally welded galvanized construction installed as a single unit. The components utilized to make up the assembly are a minimum 14 ga. with all welds being treated with cold galvanized spray or similar corrosion resistant material. The galvanized metal surround is welded to the walls and floor. The entry door consists of two outward opening panels utilizing a manual controller operable from the drivers seated position. The door is constructed of aluminum extrusions which encapsulate the full-length glass. The glass is 1/8" thick, 70-80% light transmitting tint and rated to AS-2. The doors incorporate center overlapping rubber seals and bottom brush seals.

LIFT AND/OR REAR DOOR CONSTRUCTION

The door framework is constructed of 1" x 1" and 1" x 1-1/2" aluminum tubing with a 1" x 2" center support. Double lift doors/rear door have an exterior skin of .024" galvanized steel with a white exterior face laminated to 2.7 mm lauan. The single lift door has an exterior skin of .060 white FRP laminated to 2.7 mm lauan. All cavities of the door structure are filled with 1" block foam insulation with R-5 value. All door components are vacuum laminated using water activated urethane adhesive. Interior panels are 3.2 mm gray vinyl covered lauan. There are (2) stainless steel strap hinges per panel attached with stainless fasteners. All hardware is fastened into structural members welded to the inner door frame.

LIFT DOOR HARDWARE

Each door panel utilizes a 2-pt locking system.

The lift door single panel has a t-style hold open device and plunger.

The double door option has a t-style hold open device and plunger on one leaf and a gas shock w/cable protector on the other. Window(s) are 1/8" thick tempered glass and have an AS3 rating with 20% light transmitting tint. The single door window is 32 1/2"w x 32 1/2"h; double door window is 11"w x 32 1/2"h.

REAR DOOR HARDWARE

Rear door may be non-emergency or emergency optioned.

The door panel utilizes either a 2-pt locking or non-locking system. The door has a gas shock w/cable protector. Optional window(s) are 1/8" thick tempered glass and have an AS3 rating with 20% light transmitting tint. The upper window is 22 1/2"w x 32 1/2"h and the lower is 22 1/2"w x 12 1/2"h.

INTERIOR

CEILING

The interior liner is installed as a multi-piece design. Aluminum H-rails are mechanically fastened

longitudinally to the roof rails running from front to back. A plastic divider bar is placed horizontally across the rear roof bow & mechanically fastened. Depending upon the liner material used, either a wood strip backer or a double sided foam tape is applied to the back side of the liner. A urethane adhesive is applied to the roof bows. The liner is then placed onto the roof structure & the edges are slid between the plastic divider bars. After all the panels have been placed, they are mechanically fastened into each roof bow. The roof is constructed to prevent vibration, drumming, & flexing.

INTERIOR TRIM

The cab ceiling liner is constructed in the same manner as the body liner. The front & sides are then trimmed with a combination of ABS & fabric covered plywood.

STANCHIONS

Stanchion assemblies are constructed from 1 1/4" diameter 18 ga. stainless steel tubes attached to structural members. Stanchions are standard aft of the entry door and aft of a front lift door. A left-side handrail is incorporated into the entry stanchion assembly and is oriented to follow the slope of the steps to assist passengers when entering or exiting the vehicle.

MODESTY PANELS

Modesty panels are constructed from gray Rontex fabric adhered to a 3/8" thick plywood panel. Exposed panel edges are trimmed with aluminum c-channel and mechanically fastened to the stanchion assembly. A modesty panel is standard aft of the entry door and aft of a front lift door. The panel aft of the entry door is 26" w x 24" h. The panel aft of the front lift is 18" w x 21" h.

FLOOR

The floor structure is covered with 5/8" thick - 7 ply marine tech plywood, attached using polyurethane adhesive sealant and mechanically fastened into the cross members. The floor structure is sealed to keep outside elements from entering the vehicle using expandable polyurethane spray foam.

FLOOR COVERING

The floor covering is Gerflor®, Sirius Dune, smooth throughout. Floors have full-length cove molding for cleaning ease with rubber extending to the seat track and trimmed with Rontex covered lauan. Entry step nosing is white with Gerflor® on the sides and vertical risers.

ELECTRICAL

FUSE PANEL

The electrical system is designed to provide and distribute 12 Volt DC power to all electrical components in the vehicle. The electrical control panel consists of Intermotive's FlexTech PRPC (Programmable Relay Power Center) with built-in relays and fuses. FlexTech PRPC consists of programmable relay power outputs with LED indicators that illuminate green when activated and red when an issue occurs on the circuit. The PRPC also includes 10 separate digital inputs and 8 programmable low-current outputs; 7 sourcing and 1 syncing. Outputs can be configured as momentary, latching, flashing or timed. FlexTech expansion boards are installed pending option content and are located to the left of the main power center. The PRPC also includes built-in diagnostic codes utilizing LED lights that illuminate in multiple patterns which help to reduce diagnostic times. FlexTech expansion boards consist of four 10 amp relay fused outputs, four 1 amp low-current outputs and four active low inputs. FlexTech communicates with Ford through Controller Area Networks (CAN) to provide real time chassis data. The electrical panel is installed for easy access above the driver's seat in a compartment with a hinged door and 1/4 turn latch. A wiring diagram (electrical legend) is installed on the interior of the compartment door.

DASHBOARD

The ergonomically designed OEM dashboard incorporates the following items:

- Instrument cluster
- Headlight switch
- Dimmer switch
- AC/Heat Controls
- Switch panel - switches are backlit and clearly marked with permanent labeling
- AM/FM/Single CD w/digital clock and audio input jack (fixed curb side fender mounted antenna)
- Glove box with hinged door and latch
- Four heat/air-conditioning vents
- Dual 12v outlets

ENGINE COVER w/CONSOLE

The removable engine cover includes a center mounted console which incorporates a cup holder; any additional switches/indicator lights required would be mounted to this console on a black ABS plate.

DRIVERS DOOR

Drivers door includes the following:

- Manual window crank
- Manual door lock
- OEM speaker
- Dual map pockets

BATTERY

Dual 12v, top post, 78A, heavy duty battery delivers 750 cold cranking amps. Battery is mounted under the hood on curb side.

WIRING

Wiring meets FMVSS and SAE regulations, standards and practices. All wiring is cross-linked polyolefin insulated, colored, numbered, and function coded every 6" for positive identification and meet requirements of SAE J1127 & J1128, types GXL and SGX. All wiring is installed in convoluted, high-temperature (125°C) split loom secured every 12" to structural members to prevent chaffing, cuts, rattling, pinching or damage. All interior connectors are one-way, amp plug-in. All exterior wire harnesses will have Amphenol-Sine AT Series weatherproof connectors and terminals. All exterior electrical terminations will have Dynatex® dielectric grease applied. The exterior of the connectors will be sprayed with NoCo® corrosion resistance spray. Primary distribution center typically offers two (2) available ignition slots and two (2) available battery slots for aftermarket add-ons. All harnesses are terminated to ensure proper installation; male connectors and female terminals.

LIGHTING

HEADLAMPS

Front headlights are OEM Halogen aero-composite with incorporated turn signals and daytime running lights.

EXTERIOR LIGHTING

All exterior lights are incandescent.

Clearance lights

- (5) front amber lights
- (5) rear red lights
- (2) rear red lower side lights tail lights
- (2) round amber turn signals

2017 Universal Build Specifications



- (2) round red stop lights
- (2) round white back up lights turn signal lights
- (2) oval side mount turn signals (1) on each side wall

An oval rear center mount red brake light is installed above the rear window/door.

INTERIOR LIGHTING

Driver's LED dome light is mounted in the cab area.

Passenger lightbar LED lights are installed above each window location.

STEPWELL LIGHTING

Two LED lights are installed in the entry step well, one on each side.

REFLECTORS

Reflectors are installed in the following locations.

- (2) red – on the rear bumper or rear wall
- (2) red – one under each lower side marker light
- (2) amber – one under each side turn signal

SEATING

DRIVER | CO-PILOT SEATING

Driver seat is bucket, four-way manual w/recline and armrest, includes OEM airbag. Optional driver seats include the FSC Ford, FSC Econo, Sport Shield, Lo-Cam Legacy, USSC G2E and Recaro LXS.

SEAT TRACK

Tracks are installed on the sidewall and floor for seat installation in locations for optioned seating on orders. This track is welded to the sidewall every 24" and floor structures every 6". Slide inserts are placed into this track to secure the seats.

PASSENGER SEATS

A wide variety of Freedman Seating is available in an array of configurations to meet individual customer needs. Freedman Seating products are designed, built, and tested to meet FMVSS requirements including, but not limited to, FMVSS 207, 208, 210, and 302.

SEATBELTS

A 74" manual lap belt is included on passenger seats which meet FMVSS 209, 302 and SAE J386.

WHEELCHAIR EQUIPMENT

LIFT PLATFORM INSTALLATION

Two seven gauge steel plates are welded to the floor structure to become the lift platform. Galvanized sheet metal is formed to create a pan and placed over the steel plates. Gerflor®, Sirius Dune, is adhesively bonded to this platform for noise reduction and insulation. Aluminum trim is then mechanically fastened to the platform and surround for a clean finished look. No plywood is located between the lift and mounting structure.

LIFT DOOR INSTALLATION

The lift frame surround is built into the sidewall assembly structure. The surround is trimmed with aluminum which is adhesively sealed and mechanically fastened. The lift door(s) are attached and fastened into structural steel. Rubber seals are installed around the perimeter of the surround and the entire assembly is sealed.

2017 Universal Build Specifications



LIFT INSTALLATION

The wheelchair lift is mounted directly to the platform providing superior strength and allowing for constant torque and stability. The lift is installed according to the lift manufacturer's installation instructions. The lift installation meets FMVSS 403 and 404 requirements.

L-TRACK INSTALLATION

The plywood decking is routed to recess the L-track flush with the flooring. L-track is installed with F-type fasteners and standard bolts. The L-tracks are 30" wide, running side to side, per tie-down position unless ordered otherwise. Installation meets both manufacturer's recommended instructions and ADA compliance.

MISCELLANEOUS

BUMPERS

Rear bumper is 10 gauge black powder coated steel with 4ga bumper brackets, mounted directly to the chassis frame structure using 1/2"-13 grade 8 bolts. Front bumper is OEM chrome.

SKIRTING

The exterior skirting is .024" galvanized with a white exterior face. Angled skirt braces are welded to the bottom of the cross members. The skirting is then mechanically fastened to the sidewall and bonded to the face and bottom of the skirt braces. The skirt seam is trimmed with an aluminum extrusion w/vinyl cover.

MUD FLAPS

Mud flaps are installed on the rear wheels allowing for clearance of the tires, exhaust and ground. Mud flaps are fabricated from low density polyethylene and measure 18" w x 24" h. Front mud flaps are OEM measuring 9" w x 18" h.

MIRRORS

Exterior side view mirrors are manual, breakaway style, black finish and incorporates both flat and convex mirror surfaces. The road side is door mounted, curb side is fender mounted.

PAINT

The exterior finish is white with optional paint schemes/graphics available.

VEHICLE ALIGNMENT

Front end alignment, Toe-in/Toe-Out, is performed after completing the manufacturing process.

TESTING | CERTIFICATIONS

- o 7 year/200,000 mile Altoona tested
- o FMVSS & CMVSS compliant
- o ADA, Ford QVM & ISO compliant
- o Adheres to chassis body builder guidelines
- o 50 mile road test
- o 15 minute water leak test

WARRANTY

Limited warranty is 5 year/100,000 mile. Clarifications and additional warranties listed on a separate warranty document.

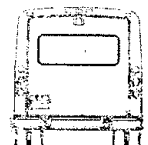
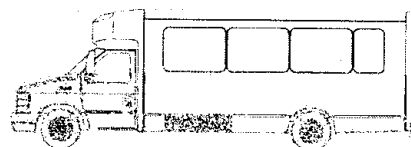
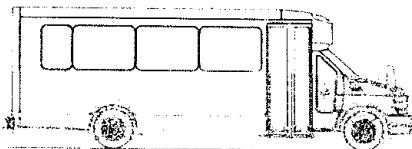
2017 Universal Build Specifications



DIMENSIONAL DATA

DATA IS APPROXIMATE AND CAN CHANGE VIA OPTION CONTENT AND CONTINUAL PRODUCT IMPROVEMENTS

Length	21'	22'	23'	24'			25'		26'			27'
Wheelbase (Inches)	138	158	158	158	176	176	186	190	186	190	200	208
Chassis	E-350	E-350	E-350	E-450	E-350	E-450	E-450	E-450	E-450	E-450	E-450	E-450
GVWR	11,500	12,500	12,500	14/14.5	12,500	14/14.5	14/14.5	14/14.5	14/14.5	14/14.5	14/14.5	14/14.5
Turning Radius; Curb (Ft)	24.3	27.4	27.4	27.4	30.2	30.2	31.6	32.2	31.6	32.2	33.7	34.8
Turning Radius; Wall (Ft)	25	28.2	28.2	28.2	30.9	30.9	32.4	33.0	32.4	33.0	34.4	35.6
Passenger Capacity	13	17	17	21	21	21	25	25	25	25	25	28
Approach Angle	22°	22°	22°	27°	22°	27°	27°	27°	27°	27°	27°	27°
Break-over Angle	10.7°	9.3°	9.3°	9.3°	8.3°	8.3°	7.8°	7.6°	7.8°	7.6°	7.2°	6.9°
Departure Angle	10.5°	11.7°	10°	8.7°	10.8°	10.8°	10.5°	11°	9.1°	9.5°	10.8°	10.2°
Overall Width	96" (Excluding Mirrors/Flairs/Etc.)											
Overall Height	114" (Excluding Rooftop A/C, Escape Hatch, Etc. - Add 8" For Raised Floor Option)											
Interior Width	92"											
Interior Height	78.5"											
Aisle Width	18"											
Interior Floor Height F/Ground	28.5" (Add 8" For Raised Floor Option)											
Ground To 1st Step	12.5"											
Step Riser	8"											
Step Tread	12"											
Step Width	34"											
Entry Door Clear Opening	30" Wide x 82 1/2" Tall											
Lift Door Clear Opening	Single Panel Door: 46" Wide x 70 1/2" Tall Double Panel Door: 43 3/4" Wide x 70 1/2" Tall											
Rear Door Clear Opening	33" Wide x 63 1/2" Tall											



Universal

by Glaval Bus

UP TO 25 PASSENGER SEATING

The UNIVERSAL has become synonymous with dependability, safety and comfort. If dependability is your top priority, the UNIVERSAL is the answer. Powered on the proven Ford E-Series chassis, available with either the 5.4L or 6.8L gas engine. Up to 25 passengers can travel in solid, quiet comfort with an interior styled to meet your specific application requirements. With many standard features and available options, you can have the rugged durability with Glaval's industry leading 'Steel-Safe' construction at an affordable price!



FORD CHASSIS FEATURES

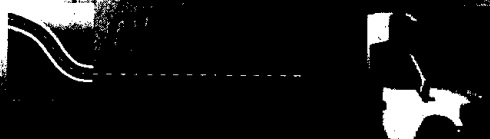
	6.8L EFT Triton V-8	6.8L EFT Triton V-10	6.8L EFT Triton V-10	6.8L EFT Triton V-10
Engine	5.4L EFI FFV Triton V-8	6.8L EFT Triton V-10	6.8L EFT Triton V-10	6.8L EFT Triton V-10
GVWR	11,500	12,500	14,500	14,500
Fuel System	40 Gallons	40 Gallons	55 Gallons	55 Gallons
Transmission	5 Speed Automatic OD w/ Tow/Haul	5 Speed Automatic OD w/ Tow/Haul	5 Speed Automatic OD w/ Tow/Haul	5 Speed Automatic OD w/ Tow/Haul
Wipers	Intermittent	Intermittent	Intermittent	Intermittent
Cruise Control	Standard	Standard	Standard	Standard
Power Steering	Standard	Standard	Standard	Standard
Wheels	16" x 6" White Painted Steel	16" x 6" White Painted Steel	16" x 6" White Painted Steel	16" x 6" White Painted Steel
Head Lamps	Halogen Aero	Halogen Aero	Halogen Aero	Halogen Aero
Brakes	Front & Rear Disc	Front & Rear Disc	Front & Rear Disc	Front & Rear Disc
Stereo	AM/FM/CD w/ 5 speakers	AM/FM/CD w/ 5 speakers	AM/FM/CD w/ 5 speakers	AM/FM/CD w/ 5 speakers
Air	Automotive	Automotive	Automotive	Automotive
Driver's Seat	OEM	OEM	OEM	OEM

Chassis	Ford E230	Ford E450
Wheelbase	138", 158" and 176"	
Overall Length (Bumper to Bumper)	21' - 24'	21' - 27'
Overall Width	96" (excluding mirrors and fairs)	96" (excluding mirrors and fairs)
Overall Height (Excludes Escape Hatch or Roof A/C)	114" (Add 8" for Raised Floor Option)	114" (Add 8" for Raised Floor Option)
Front Overhang	34 1/2"	34 1/2"
Interior Height	78 1/2"	78 1/2"
Interior Width	92"	92"
Aisle Width	18"	18"
Clear Door Opening	30" x 82 1/2" (Optional 40" x 82 1/2")	30" x 82 1/2" (Optional 40" x 82 1/2")
Interior Floor Height From Ground	28 1/2" (Add 8" for Raised Floor Option)	28 1/2" (Add 8" for Raised Floor Option)
Ground to First Step	12 1/2"	12 1/2"
Step Riser	8"	8"
Step Tread	12"	12"
Step Width	34" (Optional 44")	34" (Optional 44")

25' Roof

25' 22 Passengers

27' 25 Passengers + Driver



QMI Altoona Tested MSBMA

Expanded Polystyrene Applications:
Below Grade Structural Applications
Concrete Void Filler Applications
Foundation Insulation
Industrial Pattern "Lost Foam" Applications
Flotation Foam
Foam Cores for SIPS and Sunroom Panels



Expanded Polystyrene is a "closed cell" cellular plastic insulation product

Harbor Foam EPS Roof Insulation is a cost effective and energy efficient Insulation for use in all aspects of construction from the roof deck to the foundation floor.

Harbor Foam EPS can be supplied in a wide range of densities to satisfy any physical or structural requirements necessary. Custom cut sizes along with unparalleled CNC capabilities are sure to satisfy any and all special and/or unique conditions.

Harbor Foam EPS meets or exceeds the requirements of ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation."

The R-value of Harbor Foam EPS remains constant and does not suffer from R-value loss. The closed cell structure of Harbor Foam EPS contains air and not blowing agents which deplete over time.

Some foam plastic insulation materials use blowing agents that have a high resistance to heat flow. Over time these blowing agents diffuse out of the insulation board causing loss of the abnormally high R-Value at the time of manufacture. EPS foam does not use these types of blowing agents, therefore, its insulation performance remains stable over its entire life.

Strength and Thermal Performance:

Cost effective thermal design is among the highest priorities in construction. Harbor Foam EPS insulation products are available in a wide range of density types necessary to provide both thermal resistance (R-value), structural integrity, and cost effectiveness.



State of the art CNC capabilities

Flexural Strength	21	3200	4000	2800	4000	4500	5000	6000	7500
-------------------	----	------	------	------	------	------	------	------	------

Exposure to Water and Water Vapor:

The mechanical properties of Harbor Foam EPS are unaffected by moisture. A study by the Energy Materials Testing Laboratory (EMTL) has shown that EPS insulation installed in well-constructed roofs does not absorb appreciable moisture, even under conditions characteristic of prolonged cold, damp winters. The small amount of moisture absorbed (an average of 0.2% by weight) has little or no effect on the compressive or flexural strength, and the EPS insulation retains between 95% and 97% of its thermal efficiency. Though it has low water vapor transmission, EPS is not a vapor barrier. Rather it "breathes", and therefore needs no costly venting as do some other relatively impermeable insulation materials which could otherwise trap moisture within walls and roof assemblies.

Temperature Exposure/Flame Retardants:

Harbor Foam EPS is able to withstand the rigors of temperature cycling, assuring long-term performance. Although flame retardants used in the manufacture of EPS provide an important margin of safety, all EPS products must be considered combustible and should not be exposed to flame or other ignition sources. The maximum recommended long-term exposure temperature for Harbor Foam EPS is 165°F (75C). In roof construction requiring hot asphalt, temperatures should not exceed 250° F at the time of direct contact with EPS insulation. The heat of combustion of expanded polystyrene is 17,400 BTU per pound. Combustion products are carbon monoxide, carbon dioxide, water and soot (carbon).

Insect Infestation:

Since Harbor Foam EPS has no food value, it will not attract ants, termites or rodents. However, it is not a barrier to them. Ants, termites and rodents will chew through foamed polystyrene to reach food or to establish a comfortable nesting area. Standard measures used to protect the structure will also protect the EPS insulation.

Fungi and Bacteria:

Expanded polystyrene has been tested for fungus and bacteria attack in accordance with FHA test procedures and no evidence of either has been observed.

Solvent Attack:

Expanded Polystyrene insulation is subject to solvent attack by petroleum-based solvents which are found in many construction materials. Please be aware of the chemical make-up of all products used in conjunction with EPS Insulation.

Environmentally Friendly:

Neither Harbor Foam Insulation, nor its manufacturing process emits CFC's or HCHC's into the atmosphere. EPS insulation is being recycled throughout the country and Harbor Foam readily accepts post-consumer polystyrene for recycle. The use of Harbor Foam EPS can be used to satisfy insulation requirements as part of energy efficiency guidelines set for compliance with Energy Star and LEED building requirements.

POLYDET® Performance - outstanding value

Material:	POLYDET® Performance
Product thickness:	.045"
Product width:	up to 118"
Roll length:	500'
Colors available:	complete color palette

DEFINITION

The POLYDET® Performance is a continuous produced hot set glass fiber reinforced composite. It utilizes a high grade flexible isophthalic Gelcoat for ultimate weathering properties.

USE / APPLICATION

POLYDET® Performance is ideal for RV exterior applications like sidewalls, slide-outs or roofing.

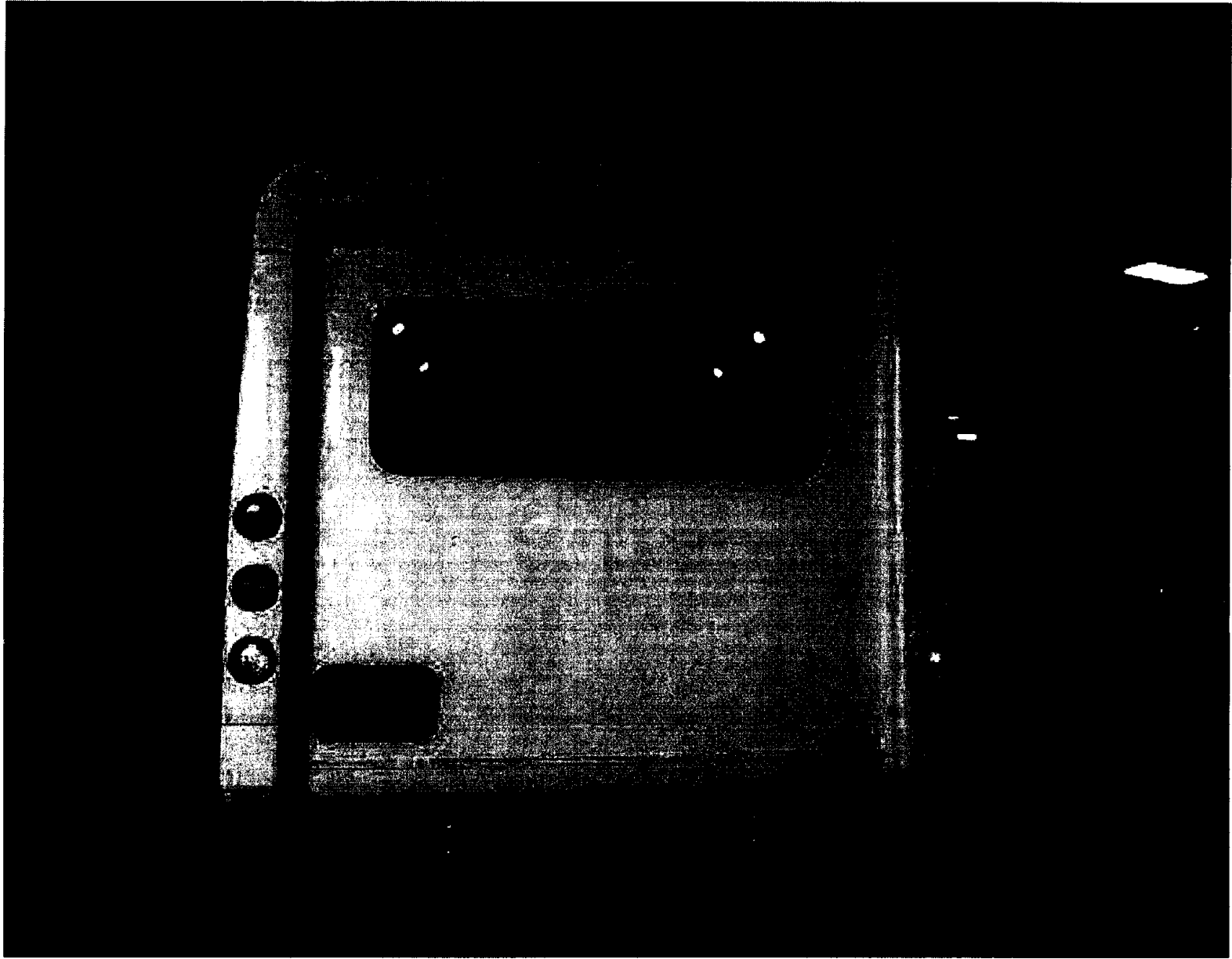
CONSUMER CARE / MAINTENANCE

Minimum care is required to maintain appearance. Regular washing with mild detergents is recommended. We strongly recommend against using caustic, highly alkaline cleaners or cleaners with ammonia and not utilizing abrasive cleaners. Use a high-grade automotive wax as needed to restore POLYDET Performance original luster and color.

Properties	Value	Unit	Norm
<u>Physical Properties</u>			
Density	.048	lb/cu.in	ISO 1183-1A
Glass content	21	%	ISO 1172
Water absorption	0.4	%	ISO 62
Barcol-Hardness	>45	-	EN 59
Nominal weight	.313	lb/sf	-
<u>Mechanical Properties</u>			
Flexural strength	22,100	psi	ASTM D 790
Flexural modulus	517,200	psi	ASTM D 790
Flexural strain	4.90	%	ASTM D 790
Tensile strength	11,300	psi	ASTM D 638
Tensile modulus	755,100	psi	ASTM D 638
Elongation at break	1.85	%	ASTM D 638
HDT Base resin	180	°F	ISO 75-A
minimum bend radius	2	in	-

The indicated values are the result of measurements done on samples. Consequently they do not represent any specification.









St. Johns County Board of County Commissioners

Purchasing Division

July 17, 2017

ADDENDUM #2

To: Prospective Bidders

From: St. Johns County Purchasing Department

Subject: Bid No. 17-60, Purchase of One (1) Bookmobile for St. Johns County Public Library

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid that he/she has received all Addenda. **A signed copy of each Addendum must be submitted with bid to the St. Johns County Purchasing Department, Diana M. Fye, CPPB; Procurement Coordinator, 500 San Sebastian View; St. Augustine, FL 32084.**

EXTENSION OF BID DUE DATE:

The due date for sealed bids has been extended one (1) week. Sealed bids for Bid No. 17-60 are due no later than 2:00 P.M. EST (Eastern Standard Time) on Wednesday, July 26, 2017.

THE BID DUE DATE HAS BEEN EXTENDED TO JULY 26, 2017 AT 2:00 P.M.

Acknowledgment

Signature and Date

Printed Name/Title

Company Name (Print)

Sincerely,

A handwritten signature in black ink that reads "Diana M. Fye".

Diana M. Fye, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 2