



City of Ocala Police Department SWAT Equipment Vehicle Crew Cab



MBF Industries, Inc.
ENGINEERED FOR LIFE

P: 407-323-9414

210 Tech Dr.
Sanford, FL 32771

F: 407-330-2068



MBF Industries, Inc.

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Vendor Qualifications Information

Qualifications:

- Sub Chapter S Corp. State of Florida
- FID# 593126557
- DUNS# 841048192
- CAGE# 1XFA5
- GSA# 30F-0022S
- AWS Certified
- CPARS

Capabilities:

- 12-15 vehicles in production per month
- In-House Engineering & Integration
- In-House Engineering & Fabrication
- Single Source Manufacturer
- Mobile and Fixed Location Units
- Trucks, Trailers, SUV, Vans & Refurbishment
- Vehicle Specifications & Engineered Drawings
- A/V/C Specifications & Engineered Drawings

Warranty:

- MBF Structural Body: **Lifetime**/unlimited miles (**Re-Mountable Body**)
- Body Components: 10 yr./unlimited miles
- MBF Conversion: 2 yr./Unlimited miles
- Chassis: By manufacturer

Submitted By:

Andy Grose

Specialty Vehicle Consultant

407-323-9414 x105

andy@mbfindustries.com



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Vendor History

Established in 1992, MBF Industries, Inc. hit the ground running with insight, vision, and high standards to provide a service to the banking industry that was previously unavailable, Mobile Branch and ATM trucks. Bringing together a team of seasoned manufacturing professionals in the design, structural engineering, electrical engineering, along with electronics, communications, and audio video integration, all under one roof. The founding President of the company, John Baker, set the goal to a level greater than ever seen in the industry. This reputation for excellence, caused by customer demand, prompted this company to evolve into the mobile command and communications vehicle realm. This has further evolved into a strong demand for MBF quality in Bloodmobiles, Broadcast trucks, and even Mobile Radiology Treatment vehicles, just to name a few.

MBF Industries has, since the first day, built on that standard to become the premier global provider of specialty vehicles. Public safety agencies, military organizations, local, county, state, and federal agencies as well as private industry, utilize our vehicles to respond to incidents to provide a foundation within which the resources are available to bring order to chaos. The company's growth has come not from attending conferences as a vendor, but through returning previous customers and referral to others by those customers. MBF Industries' vehicles, utilizing our Modular Re-mountable body are regularly seen on national and international news stories being utilized in the command zone of major incidents.

A highlight of our history is the fact all trades are conducted in house at our plant in Sanford, FL which makes life easy for our customers. The culmination of all of these facts have led to our building more highly electronically integrated Extra Heavy Duty command and communications vehicles than all other similar builders combined. All of this is accomplished while still maintaining personal yet professional relationships with our customers that last indefinitely.

The following is the narrative from a statement from John Baker to all of the customers working with us on a project. It defines his vision of a "Quality Culture" in business, especially ours:

"In the course of competition, the question of evaluating quality and workmanship often arises and as would be expected every company believes they provide good quality and workmanship. However, the truth is in the eye of the beholder and what one person perceives as quality and workmanship another may not.

This issue has concerned me for some time, as to how do I convey our standards to a prospective client. It finally occurred to me these qualities cannot be measured in a single project, but is the culmination of a long term consistent pattern of performance.

Over time, a company will inherit the personality of its leadership, both good and bad. If the leadership does not place value on quality and workmanship, then how can the employees be expected to take it seriously? A manager cannot announce "we will build the best quality product" and expect results to be



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achieved overnight. The philosophy must be supported and demonstrated by leadership and it must be passed down through layers of management to supervisors to team leaders and finally to the individual actually doing the work. This does not happen overnight, but must be continually reinforced until it becomes a part of the "culture" of the company.

MBF Industries, Inc. is celebrating its 23rd year of business. We are proud that over 55% of our current employees were involved in building my 1st vehicle in 1992 and each year a majority of our business comes from past customers. Building quality products with exceptional craftsmanship "is our culture" and has been 23 years in developing."



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General Company Information

- ❖ Sub Chapter S Corp. State of Florida
- ❖ Owner: John Baker - President
- ❖ Owner: Jim Saboff, CFO
- ❖ Location: 210 Tech Dr.,
Sanford, Fl. 32771
- ❖ Phone: 407-323-9414
- ❖ Fax: 407-330-2068
- ❖ Company Established: 1992
- ❖ FID: 59-3126557
- ❖ Employees 42
- ❖ Banking Contact: Mr. Chris Cochran, SVP,
First Colony Bank
407-937-2285



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About MBF Industries, Inc.

- ❖ Privately owned & operated - “On Site” owners - +20 yrs. Experience each.
- ❖ Financially stable - Profitable every quarter of business.
- ❖ All trades are “in house”.
- ❖ 55% of business is from repeat customers.
- ❖ Top 5% D&B Customer Service survey.
- ❖ Proven track record of meeting or exceeding customer expectations.
- ❖ Less than 3% turn over - even before recession.- means less warranty issues.



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OUR TEAM

Owners

John Baker - President
Jim Saboff - CFO

Directors

Jim Long - Director of Sales
Jake Taylor - Director of Operations
Natasha Nilsson - Director of Finance

Customer Service Administrator

Tia Bulla

Sales

Bryan Tittle
Andy Grose
Peter Foster - Canada
Nancy MacDonald - Canada
Al Ghanim Combined Group- Kuwait
Yahya Zeitounh - UAE

Engineering Department

Glen Johnson - Sr. Project Manager
Craig Tidd - Sr. Project Manager
Brian Earlywine - Project Manager
John Lambert- Lead Electrical
John Kremer - Lead Proposal Drawings
Joe Kremer- Proposal Drawings
Jim Hoke - Proposal Engineer

Network Engineering/Integration

Franz Iporre
Joe Bungart

Procurement

Bob Kramer

Production Management

Dean Feller

Body Department

Nate Crumb
Joe Washburn
Tim Locklear
Jimmy Padgett
Kyle Dorson
Howard Pringle

Electrical Department

Shane Newman
Dan Thompson
Kyle Kemp
Alex McLeroy

Cabinetry/Upholstery

Don Fitzgerald
Mark Lutz
Nancy Padgett
Craig McGowan

Installation

David Drake
Ted Johannsson

Paint

Steve Welch

Web Management

Jeremy Wood (SEO)
Jeff Wood (SOTB)



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Why MBF Industries, Inc.

- ❖ An owner is the primary point of contact throughout the project.
- ❖ “In House” Communications, Audio/video design & integration team.
- ❖ 2nd Time Around - “Re-Mountable” aluminum body .
- ❖ “In house” body fabrication for flexibility of design.
- ❖ Low overhead builder.
- ❖ Project Engineers: +20 yrs. experience each.
- ❖ Production “Team Leaders”: +17 yrs. experience each.



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Experience Counts!

- ❖ Owner/Operators: +20 yrs.
experience each
- ❖ Project Engineers: +20 yrs.
experience each.
- ❖ Production “Team Leaders”: +20 yrs.
experience each.



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What is a “Modular Re-Mountable Body®”

A “Modular Re-Mountable®” aluminum body is designed & engineered to incorporate additional body structure which allows the complete module to be fabricated independently of the chassis as a single structure, then elevated and placed on the chassis for mounting.

Can the body be Re-Mounted?

- ❖ Should the chassis be leased, worn out or ever damaged, the entire body module can be removed from the old chassis and be re-mounted to a new chassis.

What is the cost benefit?

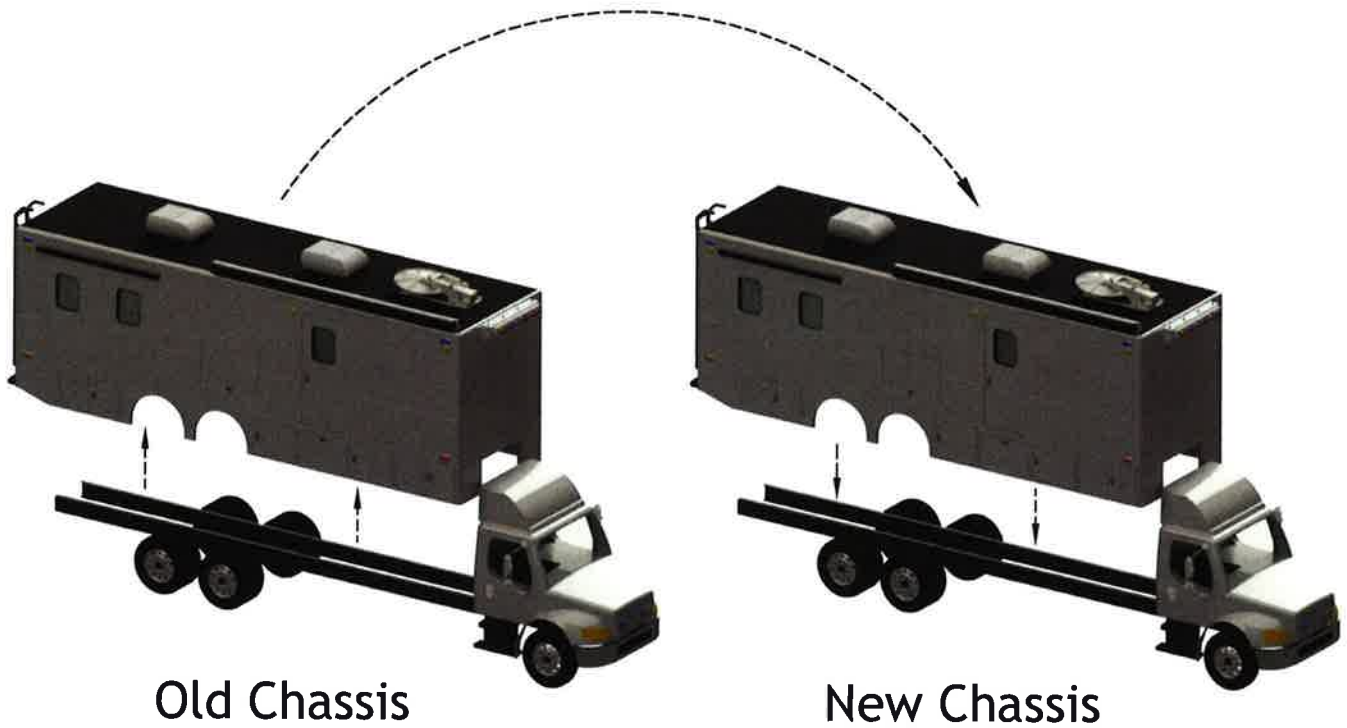
- ❖ Re-Mounting of the existing body is a fraction of the replacement cost and accomplished in a matter of weeks compared to months required for a total new unit replacement.



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“Re-Mountable Body®”



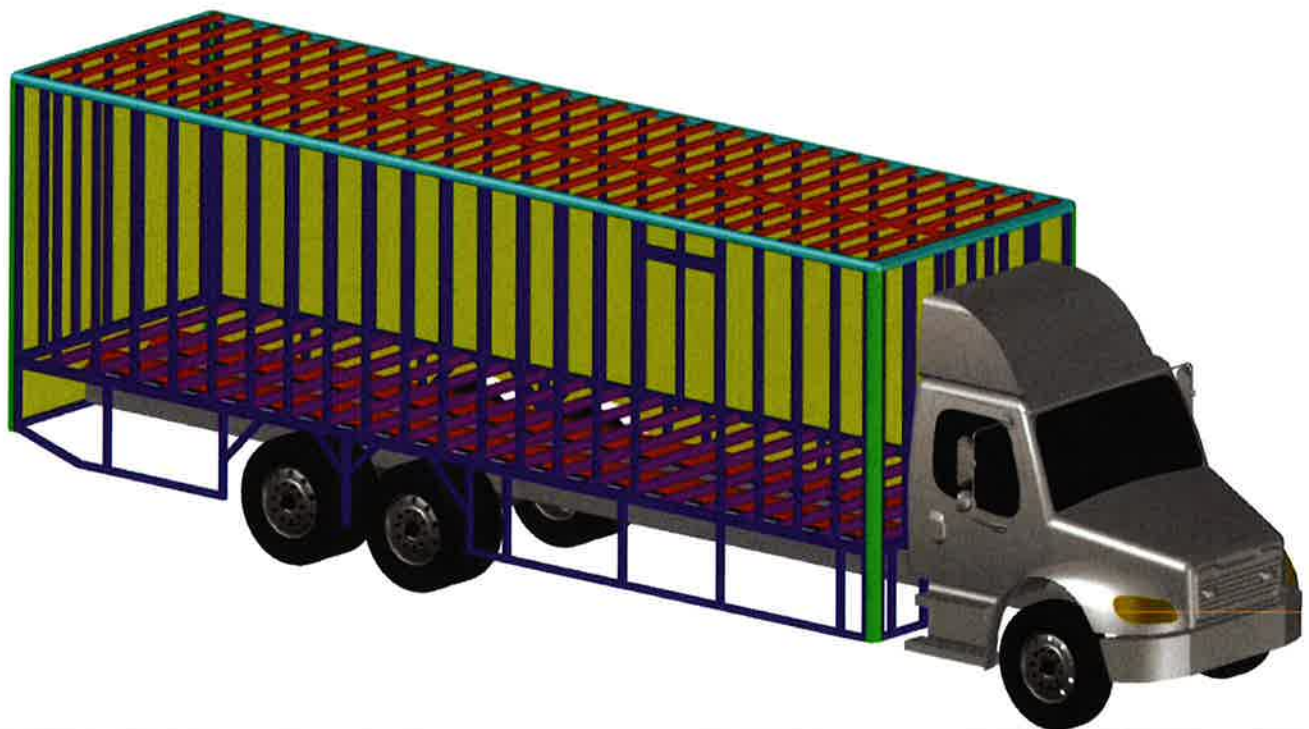


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“Re-Mountable Body®”

The structures of our all-aluminum modular bodies are manufactured utilizing an all-aluminum aircraft grade 5052-H32 alloy construction to ensure long-term durability, corrosion resistance and strength. The frame of the body is manufactured using 2" x 2" x 0.125" aluminum tube, with exception to the floor section which uses 2.50" x 3" x 0.349" 'I' Beams. All structural tubing to be welded together utilizing aluminum extrusions at roof line and corners. The aluminum extrusions provide great strength and durability. Roof line extrusions incorporate a drip rail. Upright structural tubes are spaced no more than 16" o.c. for maximum strength. The under floor supports are to be 4" or 6" 'I' Beams dependent upon vehicle chassis. All structural members are to be welded for maximum strength. Side body walls shall be fabricated with a single sheet of 0.125" aluminum, without vertical seams.





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WARNING!!

The MBF Industries, Inc. “Modular & Re-Mountable[®]” aluminum body should not be confused with other advertised “Modular” or “Modified Commercial” body designs that advertise “Modular” capability, but are not designed to include “Re-Mountable” capabilities.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/22/2021

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

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

PRODUCER O'Connor Insurance, Inc. 3208 E. Colonial Drive Suite 220 Orlando FL 32803	CONTACT NAME: Carrie Keiper PHONE (A/C, No, Ext): (941) 981-5160 FAX (A/C, No): (866) 782-0110 E-MAIL ADDRESS: carrie@dealersinsurance.com																					
INSURED MBF Industries Inc and 210 Tech Inc 210 Tech Dr Sanford FL 32771	<table border="1"><tr><th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A:</td><td>Hartford Fire Ins Company</td><td>19682</td></tr><tr><td>INSURER B:</td><td>Technology Ins. Co.</td><td>42376</td></tr><tr><td>INSURER C:</td><td></td><td></td></tr><tr><td>INSURER D:</td><td></td><td></td></tr><tr><td>INSURER E:</td><td></td><td></td></tr><tr><td>INSURER F:</td><td></td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Hartford Fire Ins Company	19682	INSURER B:	Technology Ins. Co.	42376	INSURER C:			INSURER D:			INSURER E:			INSURER F:		
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INSURER C:																						
INSURER D:																						
INSURER E:																						
INSURER F:																						

COVERAGES **CERTIFICATE NUMBER:** 20-21 GL, Auto & WC **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			21UENS6806	12/22/2020	12/22/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			21UENS6806	12/22/2020	12/22/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> Y <input type="checkbox"/> N/A		TWC3906903	10/27/2020	10/27/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

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

Workers Compensation excluded officers: John W Baker III; James R Saboff

CERTIFICATE HOLDER

Insured Copy

CANCELLATION

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

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Quality Control

- Step 1:** Individual employee inspects and signs off on their workmanship.
- Step 2:** Team Leader for the department reviews and signs off on the workmanship.
- Step 3:** The Project Engineer, Electrical Engineer and Network Engineer all review the project daily during the production process.
- Step 4:** The Production Manager reviews each project daily during production and prepares a formal inspection upon completion.
- Step 5:** The QC Manager reviews all inspection documentation and conducts a separate inspection. This inspection is conducted with the President or the CFO. The QC Manager reports directly to the President and CFO.

Client visits are welcomed at anytime.

210 Tech Drive.
Sanford, FL 32771
407-323-9414
www.MBFIndustries.com



MBF Industries, Inc.

The Specialty Vehicle Company

MBF Service Approach

Service after the sale and delivery of your vehicle at MBF remains an important aspect of vehicle ownership because we realize that our vehicles are called upon for a myriad of tasks, in conditions from the deserts of the Middle East to the remote ranges of sub-Saharan Africa to the frozen winters of Northern Canada.

Operational readiness of a specialty vehicle is "purpose number one" for the purchase and intended use of our vehicles and being able to assist customers with parts replacement, locating service providers in the local markets of our respective customers and providing engineering guidance for fleet managers and repair facilities helps operators and support staff minimize down time and maintain operational readiness for their agencies.

MBF prides itself on customer access to engineering and design staff, technical support personnel and repair technicians by maintaining a live answer policy during business hours and on-call staff contact for after-hours and weekend issues. A customer with a vehicle issue can reach our electrical, integrated technology department, structural/mechanical engineers or parts department during normal business hours without having to be placed in to voice mail or a service request queue. This active response ensures that the issue is escalated and addressed in the fastest manner possible. For those wishing to take a less direct interaction, our website supports web form submissions for less critical inquiries in to operation questions, parts replacement and training requests.

MBF routinely performs service, refurbishment and repairs on vehicles owned by customers in our local market. Should repairs or technical support require the on-site attention of an MBF engineer, support staff or technician away from our Florida headquarters, MBF will undertake those travel arrangements to respond in person to assist customers with the repair and return to service of critical response vehicles. We understand that your down time impacts public service departments and agencies as well as the bottom line of private businesses with obligations to the communities and missions these vehicles serve. We have passport stamps from all over the globe to prove this level of service and training and can adapt to and assist with everything from re-training on a vehicle to complete refurb projects to overseeing large scale upgrades as technology systems become obsolete.

With direct channel access to owners, director level managers and design and engineering staff, MBF strives to provide an unparalleled service experience in support of highly technical and complex vehicle designs. By addressing issues directly for customers, working cooperatively with service providers in local markets to effect repairs following accidents and mishaps, bridging customers to trusted equipment suppliers on integrated systems installed in vehicles and maintaining a personal response oriented approach to keeping your vehicle on the road, MBF strives to match the quality of their lifetime body warranty with equally impressive service and warranty support.



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MBFIndustries.com

TEST CRITERIA

MBF Industries recognizes that testing is a crucial part of the successful deployment of all our custom manufactured vehicles, and that these practices are a core component to the way we ensure quality throughout the entire vehicle.

As a normal course of testing and evaluation prior to delivery of a vehicle to a customer, MBF Industries conducts the following tests:

- Road testing
- Body water exposure testing
- Vehicle envelope integrity testing
- Electrical systems testing
- Technology integration testing

Road testing: MBF Industries has two experienced, licensed vehicle operators capable of operating a variety of large vehicles, both civilian and military. Their responsibilities to the engineering department include not only operation evaluations of the vehicles but prior to any operation, the assessment of the vehicle's scale weight, vehicle weight distribution, compliance with GVWR and GAWR ratings and documentation of compliance with aforementioned ratings.

Upon determining that the static weight distribution and scale values are in compliance with the vehicle chassis ratings and project specifications, they then conduct a comprehensive inspection of the vehicle and module to evaluate the operational safety of the vehicle, examining stowage and securing methods for accessories in the module, inspecting for conflicts between critical vehicle operation controls and modifications made to the vehicle and conducting an under-body review to ensure that no cabling, additions to the module or chassis adjustments impact the drive train or operation of the vehicle.

Prior to vehicle operation, a standard evaluation of critical engine and transmission fluids is conducted and vehicle tire pressures are checked.

Body Water Test: MBF Industries conducts body water testing under a GSA defined water testing appliance to the pressure and distribution defined in their testing standard. This requirement was a benchmark inspection item utilized in the final acceptance inspections for five (5) units recently constructed by MBF Industries for the Department of Homeland Security. Additional testing includes low pressure run off testing on horizontal as well as vertical surfaces, high pressure indirect runoff testing on horizontal and vertical surfaces and high pressure direct feature testing on horizontal and vertical surfaces. High pressure direct feature testing involves the targeted application of water pressure to penetrating features on the body such as lights, compartment doors and antenna housings, to evaluate the water tight integrity of the module.

Vehicle envelope integrity test: MBF Industries conducts testing of the vehicle's HVAC/ECU systems upon completion of the vehicle to ensure that the environmental envelope of the CMS has the appropriate and intended HVAC output in relation to the power systems designed for the project. In addition to this, MBF Industries also evaluates the vehicle for proper and sufficient closure to ensure that environmental conditioning is managed efficiently and appropriately for the intended design, does not create undesired condensation issues in the vehicle envelope and provides the proper thermoregulation.

Electrical Systems Testing: MBF Industries performs full vehicle electrical system testing upon completion of the vehicle to ensure that the infrastructure designed and delivered for customer inspection meets the requirements, when and where defined, for operation. This testing includes inductive and non-inductive load testing on the power systems, shore power testing when appropriate and fail-over/automatic transfer testing on designs where this is a requirement. Additionally, the vehicle is load tested over the course of several days or weeks, as dictated by the statement of work, to determine generator load output fluctuation. In performing this testing, MBF Industries has the ability to coordinate further adjustment and tuning where appropriate on units where generator output margin is critical to the overall function of the vehicle. This level of inspection, testing and certification extends to the circuit and outlet level.

Technology Integration Testing: MBF Industries tests integrated network systems on its vehicles as a matter of routine, providing customers with an array of levelled testing from simple network connectivity to full line sweeps with printed reports. This level of testing applies to all forms of cabling, from network infrastructure to audio, video and control and switching cabling. We construct, test, certify and support networks using shielded and non-shielded cabling, fiber optics and audio/video cables of types normally found in the mobile market as well as customer defined specialty cables.

ITEM	TEST EQUIPMENT	TEST CONDITIONS	AMPS	VOLTS	HERTZ	TEMPERATURE READING	SWEEP	MANUFACTURES FULL FUNCTION CAPABILITIES/TEST CODE	PASS/FAIL
Electrical System	Check system with Multi meter, Amp Clamp, Frequency meter	Full Load						MBF/NFPA	
Load Center	Check wire routing, Check for service loop	Full Load						MBF/NFPA/NEC	
Lighting	Make Sure All lights are functioning properly, Check Amp draw with meter.	Full Load						Whelen/NFPA	
Warning Lights	Make sure all light flash patterns are to customer spec/ NFPA spec Make sure all lights are functioning properly, Check Amp draw with meter.	Full Load						Federal/Whelen/NFPA	
Power Management/Generator	Check system with Multi meter, Amp Clamp, Frequency meter	Full Load						EPS/Kubota/NEC	
Shore Power	Check system with Multi meter, Amp Clamp, Frequency meter	Full Load						NEC	
HVAC	4 hour run test HVAC on high to ensure units do not freeze up. Check AMP draw with AMP meter	Full Load						Coleman Mach 15	
Mast and Mast System	Raise And lower Mast. Check Warning Indicator in up position. Make sure indicator goes out when lowered. Check pneumatic system for any leaks with pressure gauge.							Hi-Lo	
Stabilizer Jacks	Lower and raise all stabilizer jacks. Check jack down indicator on all stabilizers, check for any fluid leaks, weight tested with vehicle at full as built load.							Quadra Bigfoot	
Awning	Run awning in and out. Make sure it does not bind during movement. Make sure it stows completely.							Girard	
Camera(s)	Cameras are bench tested for complete manufacturer functionality before installation, if there is an IP configuration we will setup IP settings for the current network. Full system analysis after complete installation.							360 PTZ	
Communication Package Testing shall vary in accordance of customer specified equipment	Please see MBF Specifications	Full Load						As Specified	

<p>2.9</p>	<p><u>Communication and Network Engineering:</u> The manufacturer shall have; On Staff, communication and engineering departments that are solely dedicated to the commercial heavy duty mobile industry.</p> <p><u>Quality Control Measures:</u> With each design, the Network Engineer provides detailed drawings of the communication cabling, data control, process of information transfer and a complete vehicle communication capabilities diagram.</p> <p><u>Audio, video and camera testing:</u> MBF's ability to custom fabricate audio and video circuits within the vehicle also necessitates a reliable and recognized standard against which to test and certify those types of circuits. The current testing standard focuses on:</p> <ul style="list-style-type: none"> • resistance • continuity • proper grounding/noise • audio throughput • phasing for audio • IP addressing scan (for IP cameras) • PTZ control and protocol testing • POE testing • video signal metering • RS232/RS485/RS422 interfacing <p><u>RF cabling and certification:</u> MBF will test and certify RF cabling for continuity and resistance. On an as-needed basis, MBF will, at the request of the customer, coordinate with a trusted vendor to perform higher level RF sweeps to certify our vehicles to the customer's specific RF requirements.</p> <p><u>Data and telecommunications testing:</u> MBF undertakes continuity and pair order testing on all data and telecommunications circuits within our vehicles using JDSU test equipment. This testing includes printed testing reports which correlate with labeled data circuits on the vehicle. Manufacturing, testing and certifying in this way allows MBF to custom tailor circuit design, propagation and termination to the specific needs of the customer's specialized requirement.</p>
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MBF conducts third party certified testing upon customer request. If the request is required, MBF will gladly solidify the appointments and scheduling to assure the customer does not incur much of a delay in the delivery schedule. The extra fees involved in such testing shall be handled as a change order and be billed upon customer acceptance of the vehicle. If the testing reveals any manufacturer defects, errors or discrepancies, the repairs shall be the responsibility of MBF and any supplier named products.



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GSA # GS-30F-0022S

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Color Key* **IMPORTANT****OPTIONAL** (not included in pricing)**TBD**

OCALA POLICE DEPARTMENT SWAT EQUIPMENT VEHICLE CREW CAB DRAWING: VD-23017-02 DATED: 11/11/2021













1.0 Chassis Selection

CHASSIS SPECIFICATIONS LISTED SEPARATELY, New and untitled, Ford F-550 Chassis, 430HP 7.3 Gas Engine, 10-Speed Transmission, 19,500 GVWR. Vehicle shall meet Title 49, US Code Chapter 301, FMVSS 209, Part 571, SAE J2422, REV 3: Crash Avoidance, Worthiness and Post-Crash Standards. MBF shall provide documentation from the chassis manufacturer of conformity.



2.0 Chassis Cab Configuration

	Day Cab	 	
	26" Extended Cab	 	
	Crew Cab	 	
Selected Cab Configuration:			
<ul style="list-style-type: none">Day Cab with independent air suspended driver and passenger seats.			
<ul style="list-style-type: none">Wheel Base	169.25"		
<ul style="list-style-type: none">Overall Vehicle Length	26' 11"		
<ul style="list-style-type: none">Exterior Cab Width	80"		
<ul style="list-style-type: none">Interior Cab Width	66"		
<ul style="list-style-type: none">Exterior Cab Length	146"		
<ul style="list-style-type: none">MBF Body Length	13' 1"		
<ul style="list-style-type: none">Overall Height	9' 5.5"		
<ul style="list-style-type: none">Body Width	96"		
<ul style="list-style-type: none">Interior Body Usable Width	90"		
<ul style="list-style-type: none">Fuel Capacity	36 gal.		
<ul style="list-style-type: none">Wheel Size	19.5" Steel		
<ul style="list-style-type: none">Rear Axle	Single Axle Dual Rear Wheels		
<ul style="list-style-type: none">CDL	Not Required		

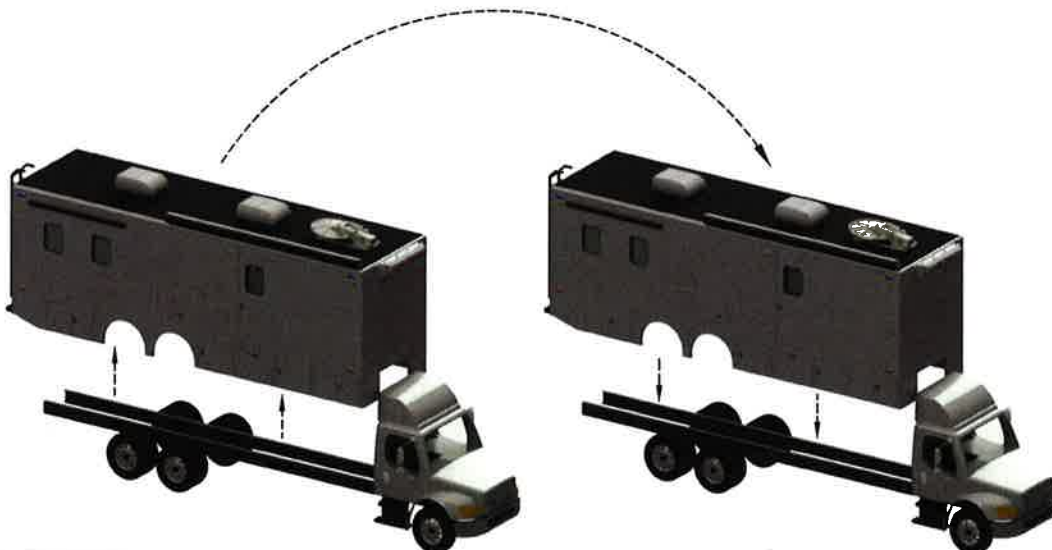
2.1 Cab Chassis Additions

- One (1) custom fabricated cab radio console with dual USB ports
- One (1) set heavy duty mud flaps
- Running Boards
- One (1) GPS Truck Navigation System with Built-in Dash Cam
- Door open indicators w/buzzer
- Hopkins 47295 Agility Proportional Trailer Brake Controller
- 12VDC master shutoff switch
- Siren Controller
- Fire Extinguisher

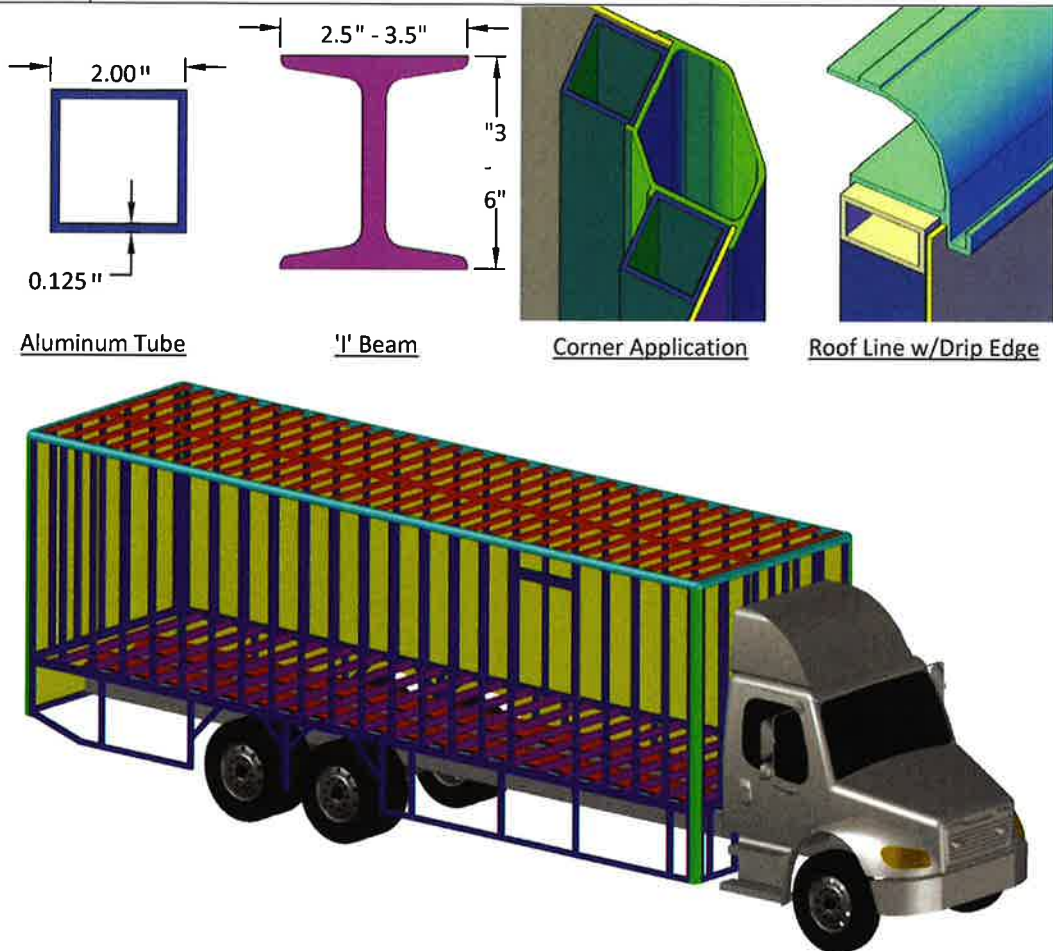


3.0 MBF All Aluminum Re-Mountable Body© Fabrication Method

Body and storage compartments shall be fabricated as one unit and built independently of the chassis and designed structurally to allow mounting as a shell unit and further constructed in a manner to allow the completed body to be remounted to a new chassis should it be required.



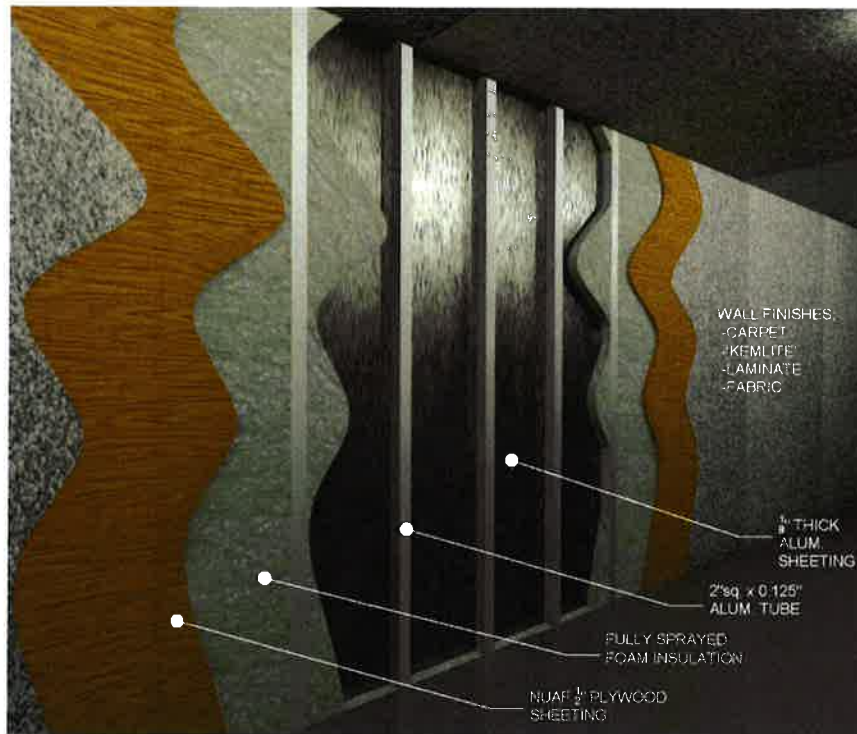
3.1 Body & Skirt Fabrication



The structures of our all-aluminum modular bodies are manufactured utilizing an all-aluminum 6063-T52 alloy construction to ensure long-term durability, corrosion resistance and strength. The frame of the body is manufactured using 2" x 2" x 0.125" aluminum tube, with exception to the floor section which uses 2.50" x 3" x 0.349" 'I' Beams. All structural tubing to be welded together utilizing aluminum extrusions at roof line and corners. The aluminum extrusions provide great strength and durability. Roof line extrusions incorporate a drip rail. Upright structural tubes are spaced no more than 16" o.c. for maximum strength. The under-floor supports are to be 4" or 6" 'I' Beams dependent upon vehicle chassis. All structural members are to be welded for maximum strength. Side body skins shall be fabricated of a single sheet of 5052-H32 0.125" aluminum, without vertical seams.

The skins of the body shall be attaches with a 3M VHB proprietary bonding strip. The VHB cures in 72 hours to form a bond between the aluminum skin and body structure that is stronger than a weld. The VHB also creates a thermal barrier between the outer skin and structure of the body to mitigate heat transfer.

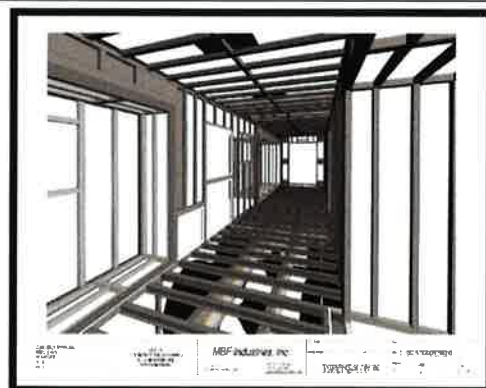
3.2 Construction Method:



Walls: To be constructed of 2" x 2" x 0.125" (6063-T52) aluminum tubing. Aluminum tubing shall not exceed 16"o.c. Walls constructed exceeding the 16"o.c. maximum or utilizing anything less than 2" x 2" x 0.125" tubing shall not be accepted.

Exterior body skin to be 0.125" thick aluminum sheeting, to provide maximum strength and damage resistance from everyday use. Exterior skin is bonded to the welded structure using a method of attachment that yields a seamless exterior surface; glues or liquid chemical bonding shall not be used. **NO** rivets will be utilized in the attaching of the exterior skin to the structural frame. Structural frame will be reinforced by welded aluminum plates where necessary. All-aluminum door frame extrusions shall be welded into the structure.

Roof: 2" x 2" x .125 6063-T52AL tubing on 12" centers/.125 thread plate taped. A roof constructed on 16" centers with less than 2" x 2" columns shall not be acceptable.





Floor: 3" I-Beam AL 6061-T6 on 12" centers. The underside of the floor assembly shall be sealed utilizing a minimum of .050 aluminum sheeting as a water intrusion barrier.

3.3

NAUF Plywood & Hardwood Utilization

Only NAUF (No Added Urea Formaldehyde) plywood shall be acceptable. CARB - California Air Resources Board - Phase 2 requirement.

3.4

Rear Angle of Departure

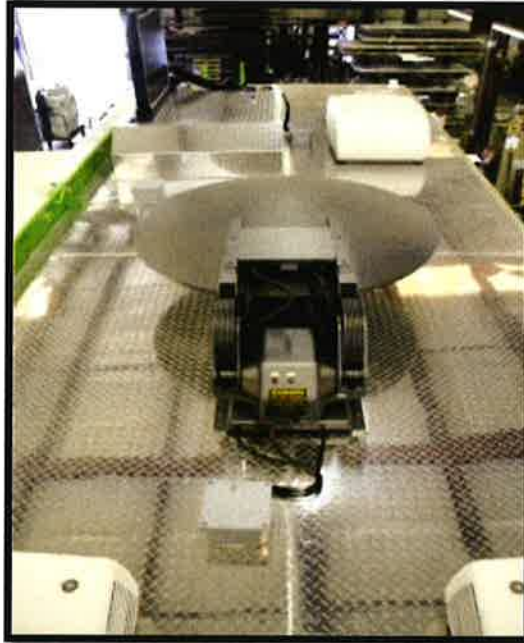
MBF shall maximize the rear departure angle in accordance with the design criteria.



3.5**Roof**

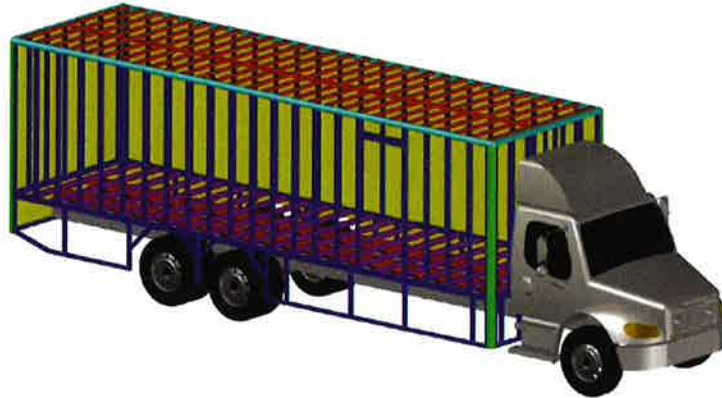
The roof will be manufactured in 0.125" 3003-H22 aluminum tread plate, continuously welded to roof perimeter extrusions and capable of supporting the weight of personnel, equipment, camera tripods, cable, etc.

MBF's standard roof construction method utilizes heavy duty frame construction that allows you to fully occupy the roof with personnel without added structures or improved roof supports. Safety handrails available upon request.



3.6**Warranty**

MBF offers a **LIFETIME** warranty on the structural integrity of the "Re-Mountable All Aluminum Body©".

**3.7****Paint**

Exterior paint will be Sherwin Williams Genesis urethane paint with a two (2) year warranty. Standard color is white. Cab color shall be any chassis standard OEM color available through the manufacturer at no additional cost. Body painting to customer color specification included as a standard OEM type of paint. Custom, two-tone, metallic and clear coating is available upon request.



Graphics Package 3 Example - \$5,000







Graphics Package 4 Example - \$10,000 - \$15,000 Full Wrap











4.0 BODY MOUNTING**BODY MOUNTING**

The “Modular Re-Mountable” aluminum body shall be fabricated as a stand-alone unit and designed and built to allow the body to be mounted independently to the chassis. A 1” Oak barrier or UHMW Ultra-High Molecular Weight Polyethylene dissimilar metals barriers shall be placed between the aluminum body and steel chassis frame. Spacers will vary in depth depending upon the overall vehicle design height requirements. Once mounted the body shall be secured with hardened steel “U” bolts and torque tightened to mounting specifications.



5.0	EXTERIOR COMPONENTS	
5.1	<p>Awning One (1) color coordinated armless manual awning over entrance.</p> <p>Color TBD at pre-construction.</p>	
5.2	<p>Back-up Camera One (1) RearView Systems cab mounted 9" color monitor w/rear camera.</p> <p>Camera includes:</p> <ul style="list-style-type: none"> • 280 degree • Built-in microphone • Built-in heater • IP69K Rating 	
5.3	<p>Side View Camera One (1) set of sideview cameras shall be installed and tied to the 9" LED back up monitor at the drivers location.</p>	
5.4	<p>Emergency Lighting</p> <ul style="list-style-type: none"> • Sixteen (16) Whelen LED 3" x 7" emergency lights • Eight (8) Whelen 3"x7" LED scene lights/ two at the rear will also act as reverse lights. • Two (2) Whelen LED grill lights • One (1) Siren w/light control • One (1) Speaker 100w • One (1) set LED tail, turn & marker lights 	

5.5	<p>Tri-Pod Lights Two (2) Whelen LED tripod lights shall be mounted to the rear of the body. Model#</p>		
5.6	<p>Exterior Compartment Slide-Out Tray One (1) all aluminum slide-out tray shall be included in the rear exterior compartment as per the drawing. Rack design on the slide out shall be determined at the pre-construction meeting, but heavier items must be concentrated towards the cab of the vehicle.</p>		
5.7	<p>Front Body Rock Guard An aluminum diamond plate rock guard shall be installed at the lower portion of the front body wall and cover the two front corner posts.</p>		
5.8	<p>Rear Hitch One (1) Class V hitch shall be welded to the frame of the vehicle. All trailer electrical hook ups shall be located in the bumper or the body of the vehicle. Location TBD.</p>		

5.9	<p>Drip Rail Aluminum drip rails shall be included over all compartment and entry doors.</p>		
5.10	<p>Rear License Plate Provision Provisions shall be provided for mounting of the license plate and tag light.</p>		
5.11	<p>Outlets - Exterior Four (4) 120VAC GFCI Decora outlets with weatherproof covers shall be installed on the exterior of the body, one (1) street side, two (2) curbside and one (1) on the rear.</p>		
5.12	<p>Night Service A 30 Amp night service plug shall be installed on the street side of the vehicle. The night service power shall be determined at pre-construction.</p>		

5.12

Antenna Rail

One (1) roof mounted 2"x3" aluminum antenna rail (s) with side access for antenna mounts.



5.13

Vehicle Undercoating

Dual Purpose Rustproofing Compound (Black)

Chemical Name	CAS No.	Weight-%
Asphalt (at Ambient Temperature)	8052-42-4	50 - 60%
Mineral Spirits (with < 0.1% Benzene)	8052-41-3	10 - 20%
Hydrated Aluminum-Magnesium Silicate (Attapulgite)	12174-11-7	10 - 20%
Naphtha(petroleum), hydrotreated heavy	64742-48-9	0 - 10%
Alkyl Amine Acetate	28701-67-9	0 - 10%
QUARTZ	14808-60-7	0 - 10%

6.0

EXTERIOR COMPARTMENT & DOOR SPECIFICATIONS**Curbside:**

1. Double door storage compartment with adjustable shelves
2. Double door storage compartment with adjustable shelves
3. Single door storage compartment with adjustable shelves

Street Side:

4. Double door storage compartment with adjustable shelves
5. Double door storage compartment with adjustable shelves
6. Single door storage compartment with adjustable shelves (CSE Generator)

Rear

7. Roll up door leading to rear storage compartment with 8' slide out

6.1

Storage Compartments

All storage compartments shall be manufactured in 0.125" welded aluminum tread plate for maximum strength, durability and corrosion resistance. The compartment shall be "Sweep-Out" design with 2" framed doors with double seals. All doors are custom made to suit the requirements of the customer and may vary in actual size due to customer equipment requirements. Final sizes **TBD** at the pre-construction meeting.

6.2**All Entry & Storage Compartment Doors**

All doors will be manufactured of 0.125" aluminum extrusions and 0.125" aluminum plate continuously welded and structured with 0.125" 2"x2" square tubing. Personnel entry doors will be insulated with a maximum of 2" sprayed urethane foam. All doors are custom made to the customer's requirements.



The doorjamb extrusion shall be welded to the body wall structure. Two striker pins shall be installed in each entry doorjamb. A Tri-Mark all metal Chrome paddle handle shall be installed inside and out. The handles, latches and striker pins pass FMVSS 206 and comply with FMVSS 302.

- **Gaskets**

Passenger and compartment door gaskets shall be bulb typed, designed to match the doorjamb extrusions, and shall be extruded with material to satisfy ambient temperature extremes. There shall be no interruptions in the gasket for door locks, latches or hinges. Gaskets shall be miter cut at the corners and sealed with "3M" weather strip adhesive.


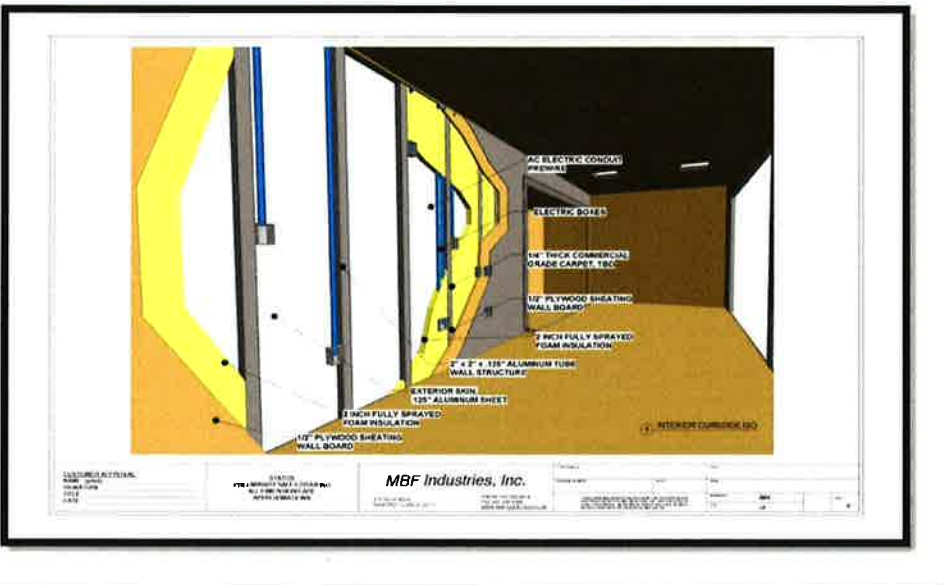
- **Hinges**



All exterior hinges used for entry and compartment doors shall be stainless steel, continuous, w/3" open dimension and a 1/4" diameter hinge pin. Hinge mounting holes shall be slotted to allow door adjustment in two planes. Holes shall be drilled and tapped in door and jamb extrusions to accept truss head style machine screws (stainless steel).

7.0 INTERIOR FINISH**7.1****Insulation Walls & Ceiling**

The vehicle body will be completely insulated with a minimum of 2" CFC-free urethane foam sprayed insulation factor of not less than R-14. Once the foam expansion is fully cured it is then cut back to match the aluminum structure of the body and will allow for clean lines on all wall materials. All gaps and penetrations within the floor, ceiling and walls will be sealed using a 50 year sealant.




7.2	Insulation Floor Spray foam insulation shall be applied between the body frame support structures and covered on the interior with 1/8" treadplate and the finished flooring. Sheet aluminum shall be installed below the body structure and chassis frame rails to seal the insulated area.	
8.0 INTERIOR LIGHTING		
8.1	Exterior Compartment Lighting All Exterior compartments will have LED lighting that will activate when opening the door, while the 12VDC power turned on.	
9.0 STANDARD EQUIPMENT		
	<ul style="list-style-type: none"> Two (2) five (5) pound ABC fire extinguishers shall be strategically located throughout the vehicle. A set of three (3) reflective safety triangles in a case and road flares will be shipped with the vehicle. All vehicle manuals will be placed in an indexed black folder, clearly labeled and placed in a clear bucket, along with larger parts. 	
10.0 ELECTRICAL & POWER SYSTEMS		
		
10.1	12 VDC Wiring Proper wire sizes shall be determined for each circuit. All 12 VDC wiring shall be color coded and routed through high temperature split loom cable covers. Wire protection shall be included throughout the vehicle.	

10.2	<p>Battery System</p> <p>The vehicle shall be equipped with a dual battery system. The vehicle starting battery is discussed in the chassis portion of these specifications. The auxiliary battery selected to support the conversion load shall be a group 8-D AGM with a rating of 1450 CCA and 245 Amp hours.</p>	
10.3	<p>Auxiliary Battery Disconnect Switch</p> <p>Located in the battery compartment, this switch is utilized when the vehicle is in prolonged storage to prevent battery drainage.</p> <ul style="list-style-type: none"> • Amp Rating: <u>500A</u> • Max Volts: 48V • Temp. Range: -58°F (-50°C) to 221°F (105°C) • Ignition protection to SAE J1171 and ISO 8846 for installation in a battery box of on vehicles carrying hazardous loads 	
10.4	<p>Battery Paralleling - Battery Boost -Emergency Start Switch</p> <p>A dash-controlled system shall be provided to parallel the main and auxiliary batteries for increased engine cranking capability. The jump switch shall be located at the driver's position.</p>	
10.5	<p>120 VAC Wiring</p> <p>Wire sizes shall be determined for each circuit with a minimum of 14 Ga. wires used in the vehicle. All wiring shall be installed in accordance with the NFPA 1901 & (NEC) National Electric Code.</p>	
10.6	<p>Power Inverter</p> <p>One (1) 1200W inverter shall be installed in an exterior compartment.</p> <p>Vehicle can also be powered by Customer Supplied 2,000-watt Generator</p>	
10.7	<p>Load Center Panel</p> <p>A small load center panel shall be installed in one of the compartments in order to distribute the electrical load and include:</p> <ul style="list-style-type: none"> • Carling circuit breakers for both 120 VAC and 12 VDC applications. 	


11.0 COMMUNICATION ITEMS		
	<ul style="list-style-type: none"> During the pre-wire phase MBF will install all necessary wiring and cables for satellite, phone, data, audio, video, intercom, radios and types of systems per these specifications. Some systems such as microwave receivers or custom V-SAT antennas may require custom cables and are <u>not</u> included as a part of standard pre-wire preparation. All generic nycoil systems are arranged at pre-wire utilizing our stock type of cables and does not include any custom or special-order cables that may be required. Any mast head mounted equipment or devices shall be approved by MBF in advance to insure appropriate nycoil utilization. MBF shall provide cable access points in the body for future cable runs. 	
111	Roof Mounted Antenna (s) Antenna rails on the roof shall be the access point to communicate via RF patch panel with the radios. Antenna positions TBD as needed for the design requirements.	
11.2	Wire Chase Management Wire and cable raceway shall be provided overhead for easy access. Interior ceiling access points shall be provided in the drop ceiling for accessing and running future cables.	
12.0 SPECIAL EQUIPMENT PACKAGE - Special equipment <u>not</u> listed previously.		
12.1	All items not listed within these specifications are considered **Customer Supplied**	
13.0 ALARM SYSTEM		
13.1	Alarms The vehicle shall have a hardwired smoke & CO detector with 9V battery backup in each room.	
13.2	Warning System All points of entry doors, jacks, awnings, satellite dishes, slide-outs and any other external compartments shall be wired to a warning system. This warning system will activate when any of the connected devices are in the deployed position and will sound a loud alarm and an indicator light will flash if the parking brake is released until they are put into their stowed position.	



14.0	MANUFACTURER QUALIFICATIONS & QUALTY CONTROL	
14.1	<p>Single Source Manufacturing</p> <p>A single source manufacturer of the vehicle drawings, engineering, structural fabrication, body fabrication, body components, interior conversion, electrical, audio, video, communication and integration shall be required to minimize potential warranty issues and security risks. Body shall be fabricated as a shell unit, including slide outs, independently of the chassis before mounting. Body shall be fabricated in a method to allow re-mounting of the completed body to a new chassis, if necessary. (<u>NO</u> OUTSOURCING WILL BE ALLOWED)</p>	
14.2	<p>Past Performance</p> <p>Vendor shall be required to provide body fabrication shop drawings, work in process pictures and completed unit pictures with references for five (5) projects completed within the past two (2) years utilizing the identified fabrication method. Minimum of 15 References with contact person, project description, location and email address. Exception requests shall be submitted in writing 7 days prior to closing.</p>	
14.3	<p>DOT Regulation</p> <p>Manufacturer shall supply accurate independent wheel weights, front axle weight, rear axle weight and total GVW (Gross Vehicle Weight) with an approved scale system.</p>	
14.4	<p>Vehicle Weight distribution</p> <p>The manufacturer shall provide total weight distribution calculations showing the as built front, rear and total estimated weight of the proposed vehicle. Three (3) references of similar vehicles utilizing a "Re-Mountable Body©" shall be provided and included.</p>	

14.5	<p>Welding Standards</p> <p>All welding shall be performed in accordance with the applicable requirements of the latest codes, rules or specifications to the American Welding Society.</p> <ul style="list-style-type: none"> • AWS D1.1 Structural Welding Code - Steel • AWS D1.2 Structural Welding Code - Aluminum  <p>Tensile Strength testing provided upon request by an AWS Certified Inspector.</p>	
14.6	<p>Design and Engineering</p> <p>The manufacturer shall have; On Staff, design and engineering departments that are solely dedicated to the commercial heavy-duty mobile industry.</p> <p>Pre-contract QC: Senior construction engineers review the preliminary drawings to ensure MBF quality standards are enforced prior to customer acceptance of the drawings.</p> <p>Post Contract: A detailed review of the drawings and specifications are conducted with the VP of Operations, engineer, lead senior engineer and the project manager.</p> <p>Pre-construction Meeting: The MBF project management team assigned to each project shall be in attendance, which shall include the VP of Finance and Operations, Electrical Engineering Department, Network Engineering Department, Project Engineer and the Lead Senior Engineer. With the customer's input, we will solidify any additions, deletions or changes and complete one final review of the chassis' wheelbase, engine HP, GVWR, fuel capacity, cab style, interior layout, brakes, etc.. The MBF body configuration, structural integrity, (using Autodesk AutoCAD current version) overall vehicle construction of roof, walls, floors, slide out assemblies, HVAC layout and interior walls to ensure complete vehicle coverage are also reviewed. Plus, the customer shall be provided a full set of Electrical Engineered drawings, Network Engineering drawings and MBF shall submit the final drawings for customers "sign off".</p> <p>Construction QC: Daily visual inspections and Quality Assurance checklist shall be conducted by the QC managers in each department and during each phase of construction of the vehicle. This includes a daily inspection of product specified materials; fabrication progress, dimensional accuracy and that the overall vehicle specifications are being followed. Ongoing production photos are provided as a courtesy to every customer. (Quality Assurance checklist provided upon request)</p>	
14.7	<p>Electrical Engineering</p> <p>The manufacture shall have; On Staff, a design and electrical engineering department that is solely dedicated to the commercial heavy-duty mobile</p>	

	<p>industry.</p> <p>Quality Control Measures: With each design, the electrical engineer provides calculated power usage, load calculations and provides peer reviewed detailed drawings of the entire vehicles power supply.</p> <p>Electrical circuit testing: MBF voluntarily complies with the industry standards for NFPA and NEC for mobile market products. During construction of the vehicles, our electrical circuits undergo initial phase resistance testing to ensure continuity and absence of circuit damage or fault during installation and before closing the interior vehicle envelope. Once the interior walls are installed, incremental intermediate phase testing occurs as circuits are terminated in outlets, fixtures and lighting elements. Once the vehicle reaches final phase and the electrical infrastructure is complete, incremental testing, metering and load initialization occur to further certify all aspects of the power systems. Once the systems have passed this phase of testing, MBF undertakes monitored load and duration testing of shore system circuits as well as generator systems to ensure that the vehicle has accrued sufficient time in testing prior to vehicle delivery. Details covered in section 8.0</p>	
14.8	<p>Communication and Network (Integration) Engineering</p> <p>The manufacturer shall have; On Staff, communication and engineering departments that are solely dedicated to the commercial heavy-duty mobile industry.</p> <p>Quality Control Measures: With each design, the Integration Engineer provides detailed drawings of the communication cabling, data, control, and audio/video systems based on client requirements, direction and budget.</p> <p>Equipment Testing: Intake and inventory of all purchased and Customer Furnished Equipment Bench test of all components Configuration of all equipment for system operations Labeling of all equipment.</p> <p>Cable Testing and Certifications AV Cable Testing: Resistance Continuity Signal Integrity</p> <p>Data Cable Certification: Wire Map Bandwidth Certification</p> <p>RF Cable Testing: Resistance Continuity • Sweeps and Certification*</p> <p>* On an as-needed basis, Vendor will, at the request of the client,</p>	

	<p>coordinate with a trusted vendor to perform higher level RF sweeps to certify our vehicles to the customer's specific RF requirements.</p> <p><u>Integration Certifications Held:</u> In the highly competitive AV industry, education, training, and certification are important to the success of both individuals and companies. Like a professional license, certification instills confidence through reliable evidence of a critical set of knowledge and skills. Acquired fluency and expertise in any field saves valuable time and money, and ensures a higher level of customer service and satisfaction.</p> <p><u>CTS:</u> Individuals, companies, and customers have always recognized the CTS® certification for its credibility and integrity. In pro AV the Certified Technology Specialist™ (CTS) program is the leading professional credential with more than 13,000 CTS holders worldwide. And because it is ANSI-accredited to the ISO 17024 standard, you can be assured it meets the highest standards for demonstrating and verifying you or your team's skill set. CTS certifications are awarded for a period of three years. To maintain your certification, you must complete minimum levels of continuing education during each three-year period and must reaffirm your commitment to the CTS Code of Ethics and Conduct.</p> <p><u>EAVA:</u> The Extron Certification program is for AV professionals who wish to advance their knowledge of AV system technology, design, and configuration. The program consists of online and instructor-led training components and provides system integrators, installers, and consultants an opportunity to learn new skills, validate their skills, and gain a better understanding of the latest technologies and solutions.</p> <p><u>CP CNA:</u> The <i>Network Professional</i> level offers more of an in-depth view of Cradlepoint devices and again caters to sales engineers, support staff and those installing and managing our products. The course contains information about the advanced configuration, management and monitoring of Cradlepoint devices and services, including more details on routing protocols, VPNs, security, third-party applications, ECM and Wi-Fi configuration.</p>	
14.9	<p>After Sale Service & Warranty</p> <p>Should the need arise, <u>All</u> service and warranty issues shall be submitted to MBF Industries, Inc. MBF shall provide national service coverage for any and all parts of the vehicle. Manufacturer must provide 24-hour access to resolve in action solutions for safe vehicle operations and vital communication requirements.</p> 	

14.10	<p>Industry Recognized Up-Fitter</p> <p>MBF is a worldwide supplier of custom-built specialty vehicles and is recognized as an upfitter by some of the most popular brands available in the market place.</p> <p>Available Chassis/Trailer</p> <p>MBF utilizes all major brands of trucks and trailers. Plus, we have the capabilities to offer upfits for your vehicle and overseas models as well.</p> <ul style="list-style-type: none"> • Freightliner • Western Star • Ford • Isuzu • Bluebird • International • Hino • Ram • Great Dane • Mitsubishi • Kenworth • Mack • Chevrolet • ATC • Prevost • Peterbilt • Mercedes • Volvo • Craftsmen • GM 	
14.11	<p>NFPA 1901</p> <p>MBF recognizes all safety standards written with-in the NFPA 1901</p> <p>NFPA® 1901 Standard for Automotive Fire Apparatus 2009 Edition NFPA, 1 Batterymarch Park, Quincy, MA 02169-7471 An International Codes and Standards Organization</p>	
14.12	<p>NFPA 70</p> <p>MBF recognizes all safety standards written with-in the NFPA 70 Electrical Code.</p> <p>NFPA® 70 National Electrical Code® 2014 Edition NFPA, 1 Batterymarch Park, Quincy, MA 02169-7471 An International Codes and Standards Organization</p>	
15.0	<p>DELIVERY</p> <p>Vehicle pick up at MBF Plant in Sanford, FL The estimated build time for this project is approximately 15-17 months</p> <p>Registration fees are not included if the vehicle is to be registered in the state of Florida.</p>	

16.0 TRAINING

Training to be conducted at MBF Industries, Inc. Sanford, Fl. at no additional charge unless otherwise specified.

**17.0 PROJECT MANAGEMENT SCHEDULE**

Most projects typically utilize three (3) project meetings. Meetings shall be held at MBF Industries, Inc. Sanford, Fl. unless otherwise specified. Transportation shall be provided by the customer.

- **Preconstruction (6-8 hours)**
Typically, we invite 3-4 people to attend the meeting from your agency
 1. Project Manager
 2. IT Representative
 3. Fleet Manager
 4. Vehicle Operator
- **Pre-wire**
 1. IT Representative
 2. Project Manager
- **Final inspection**
 1. Project Manager
 2. IT Representative
 3. Vehicle Operator
 4. Authorized Signer for paperwork
- During the process, and once the building starts, MBF shall send monthly updates and photographs of the project status. For each visit, MBF shall provide complete access to the Project Manager and the team assigned to the project as well as the vehicle in production. All visits shall be scheduled with MBF's "CSA" (Customer Service Administrator) and agendas/goals shall be submitted to the customer 10 days prior to meeting dates.

18.0 APPLICABLE TAXES & FEES

Your company or agency may be subject to sales tax or F.E.T. taxes. Please consult with your MBF representative to ensure accurate information.

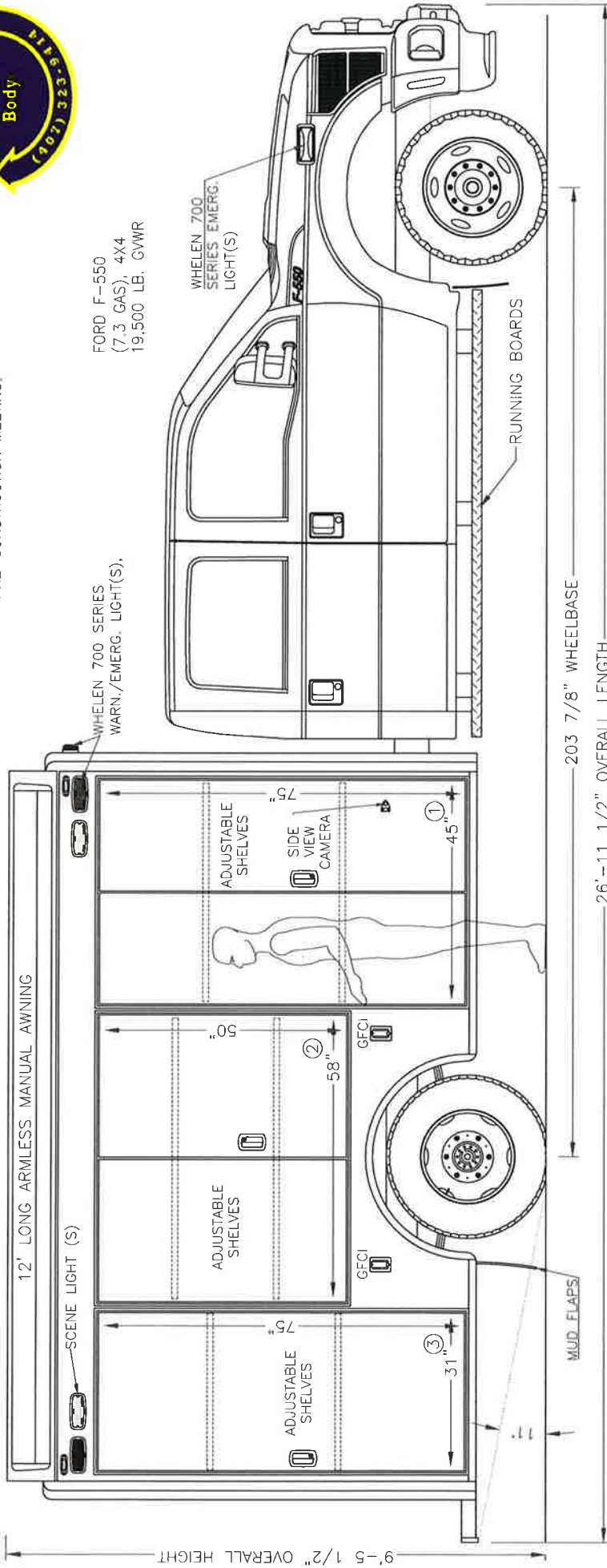
- Trucks over 33,000 lbs. may be subject for F.E.T.
- Trailers over 26,000 lbs. may be subject to F.E.T.



	<p>Design changes beyond the pre-construction meeting are subject to change order fees. All change orders shall be billed on the final invoice. Should items become obsolete during the build process, MBF will make every effort to substitute an equal item of the same value. However, should there be a large price difference in either direction, MBF shall apply the difference to the final invoice.</p> <p>Government mandated changes that would affect the price of raw materials, parts or emission standards of the vehicle while in production may affect the final invoice and the customer shall be notified in writing as well as verbal communication should something arise. All mandates shall be supplied to the end user upon receipt by MBF.</p>	
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NOTE: CONFIGURATION IS CONCEPTUAL.
ACTUAL LAYOUT TO BE DETERMINED IN
PRE-CONSTRUCTION MEETING.

FORD F-550
(7.3 GAS), 4X4
19,500 LB. GVWR

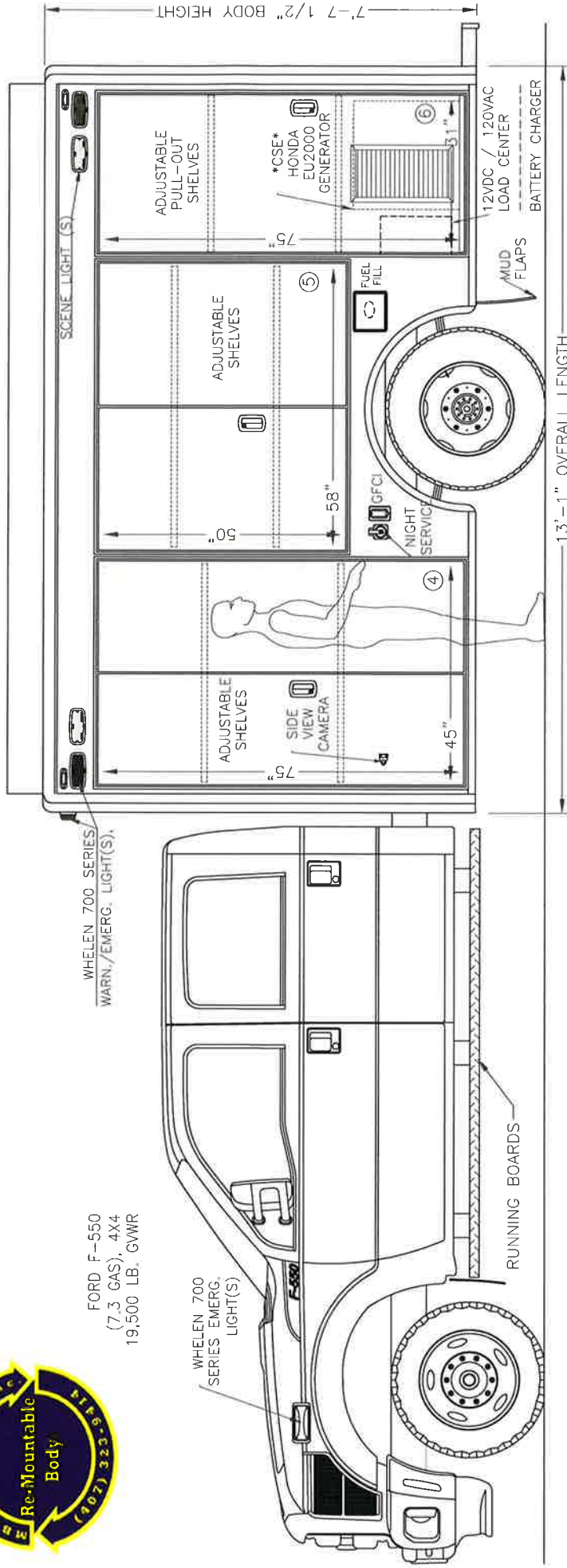


<div>STATUS</div> <div>PRELIMINARY PROPOSAL DRAWING</div> <div>PRELIMINARY DESIGN REVIEWED AND APPROVED BY: </div>	<div></div> <div>MBF Industries, Inc. ENGINEERED FOR LIFE</div> <div><div>210 TECH DRIVE SANFORD, FL 32771</div><div><div>P: 407-323-9414 F: 407-330-2068</div><div>www.MBFIndustries.com</div></div></div>	DRAWING NUMBER: VD-23017-02		TITLE: Ocala PD			
		DRAWING TYPE: PROPOSAL		DATE: 11/11/2021		OPERATIONS VEHICLE	
		VEHICLE TYPE:		FORD F-550 4X4		VIEW: CURB SIDE ELEVATION	
		These drawings and/or specifications are the proprietary property and trade secrets of MBF Ind. and are issued in strict confidence. No reproduction or use shall be made without prior written consent of MBF Ind.					
		DRAWN BY: VD		SCALE: NTS		SHEET: 1 OF 4	
SIZE: B							

NOTE: CONFIGURATION IS CONCEPTUAL.
ACTUAL LAYOUT TO BE DETERMINED IN
PRE-CONSTRUCTION MEETING.



FORD F-550
(7.3 GAS), 4X4
19,500 LB. GWR



STATUS

PRELIMINARY PROPOSAL DRAWING

*All dimensions are approximations.

PRELIMINARY DESIGN REVIEWED AND APPROVED BY:

210 TECH DRIVE
SANFORD, FL 32771

P: 407-323-9414
F: 407-330-2068

www.MBFIndustries.com



MBF Industries, Inc.
ENGINEERED FOR LIFE

DRAWING NUMBER:

VD-23017-02

DRAWING TYPE: PROPOSAL

DATE: 11/11/2021

VEHICLE TYPE:

FORD F-550 4X4

TITLE:

OCALA PD

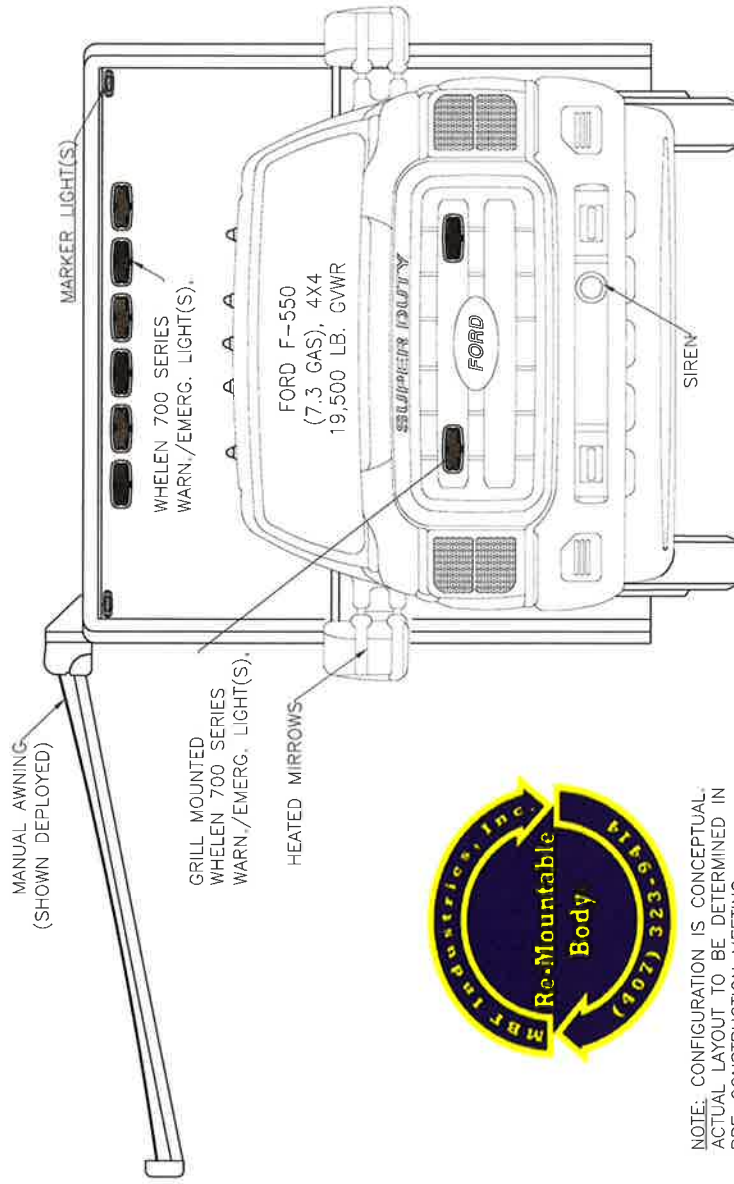
OPERATIONS VEHICLE

VIEW:

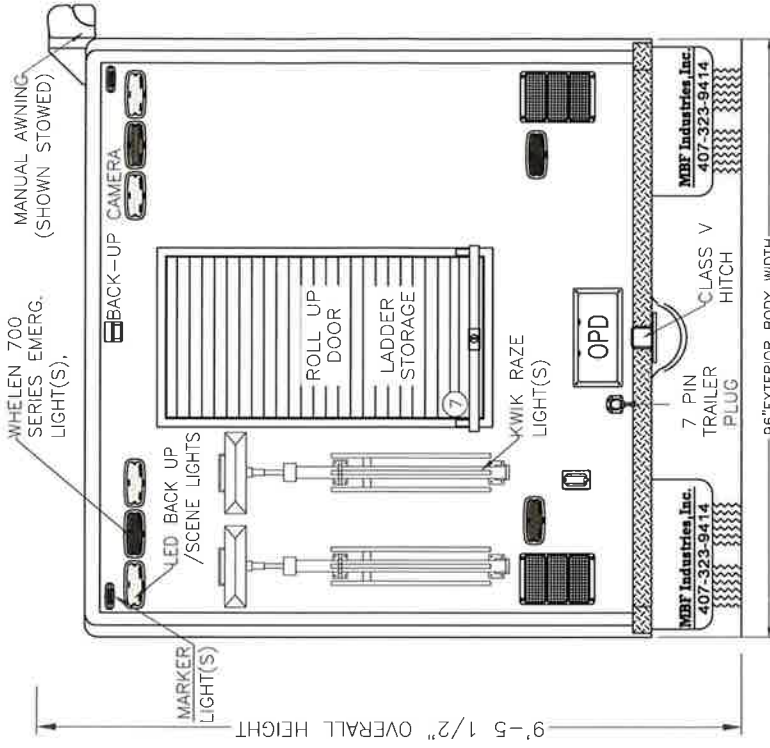
STREET SIDE ELEVATION

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SHEET:	2 OF 4				



FRONT ELEVATION



REAR ELEVATION

NOTE: CONFIGURATION IS CONCEPTUAL.
ACTUAL LAYOUT TO BE DETERMINED IN
PRE-CONSTRUCTION MEETING.

STATUS

PRELIMINARY PROPOSAL DRAWING

*All dimensions are approximations.

PRELIMINARY DESIGN REVIEWED AND APPROVED BY:

Alan Blatin



210 TECH DRIVE
SANFORD, FL 32771

MBF Industries, Inc.
ENGINEERED FOR LIFE

P: 407-323-9414
F: 407-330-2068

www.MBFIndustries.com

DRAWING NUMBER: VD-23017-02

DRAWING TYPE: PROPOSAL DATE: 11/11/2021

VEHICLE TYPE: FORD F-550 4X4

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TITLE: Ocala PD

OPERATIONS VEHICLE

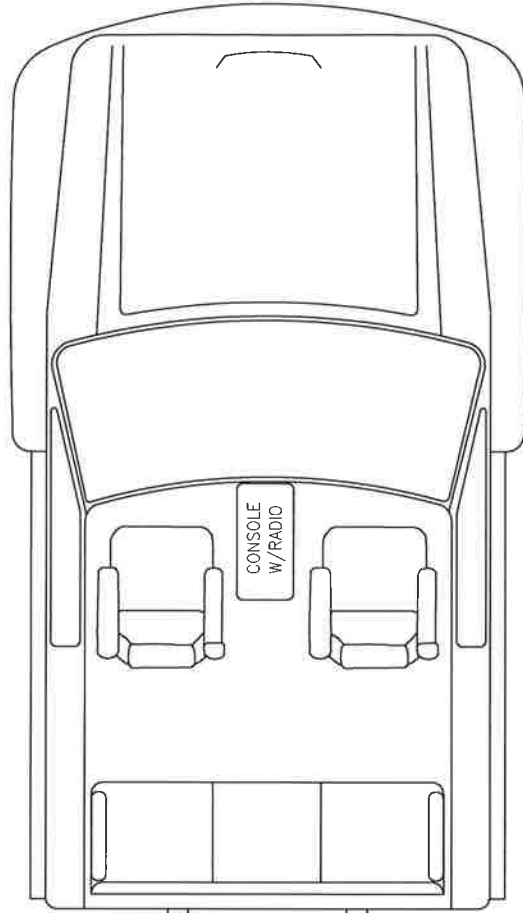
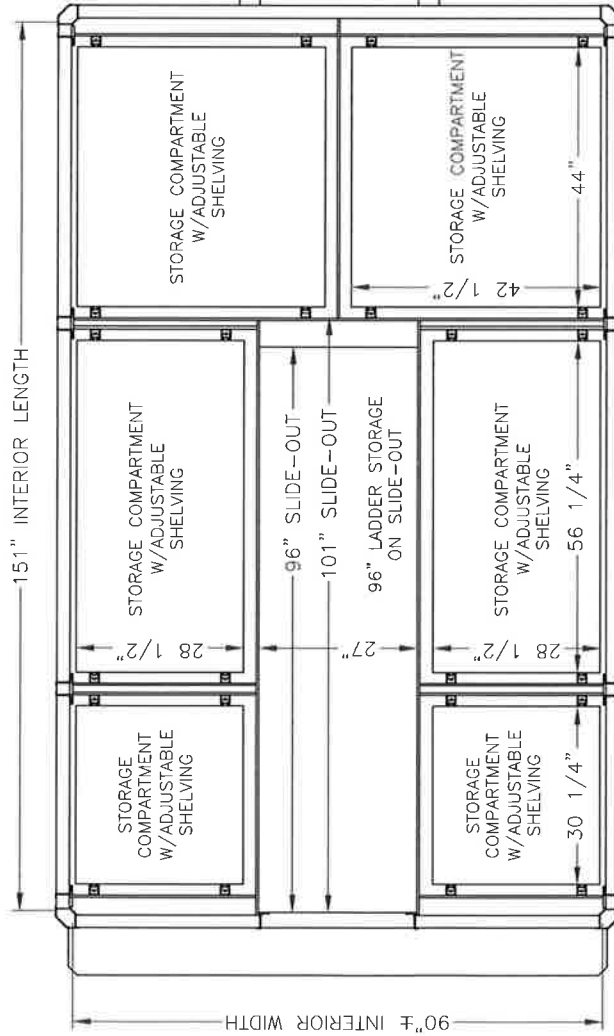
VIEW: FRONT & REAR ELEVATIONS

DRAWN BY: VD

SHEET: 3 OF 4

SCALE: NTS

SIZE: B



FORD F-550
(7.3 GAS), 4X4
19,500 LB. GVWR

STATUS

PRELIMINARY PROPOSAL DRAWING

*All dimensions are approximations.

PRELIMINARY DESIGN REVIEWED AND APPROVED BY:

Alan Blatter



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210 TECH DRIVE
SANFORD, FL 32771

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DRAWING NUMBER:

VD-23017-02

DRAWING TYPE: PROPOSAL

DATE: 11/11/2021

VEHICLE TYPE:

FORD F-550 4X4

TITLE:

OCALA PD

OPERATIONS VEHICLE

VIEW:

FLOOR PLAN

DRAWN BY:

VD

SCALE:

SHEET:

4 OF 4

SIZE:

B

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City of Ocala
SWAT Equipment
Vehicle F-550 -
Crew Cab

November 11, 2021

Presented to:

Anthony Vizzini, Lieutenant
Ocala Police Department
352-427-7815

Price, per unit:

SWAT Equipment Vehicle
Per Specifications

\$204,610.00 USD

Drawing: VD-23017-02 Date: 11/11/21
FOB MBF Industries in Sanford, FL

Proposal Includes:

- Cost quotation
- Per attached drawings
- General & chassis specifications

Terms of Sale:

- Net 30 with approved PO
- Quote good for 45 days

Warranty:

- MBF Conversion: 2 yr./Unlimited miles
- MBF Body: Lifetime Warranty/unlimited miles **Re-Mountable Body**
- Body Components: 10 yrs./unlimited miles
- Chassis: By manufacturer

Submitted by:

Andy Grose
Specialty Vehicle Consultant
Andy@MBFIndustries.com
[407-323-9414 ext. 105](tel:407-323-9414)



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STATEMENT OF WARRANTY

Cab and Chassis - By manufacturer
MBF "Re-Mountable" All Aluminum Body and Body Structure - Lifetime/Unlimited miles
MBF All Aluminum Body Components - 10 yr./Unlimited miles
Conversion - 2 yrs./unlimited miles
Electrical - 5 yrs./unlimited miles
Paint - 2 yrs./unlimited miles
All other equipment: By individual component manufacturer

Seller warrants to Purchaser that those goods manufactured by Seller, and bearing Seller's nameplate, (and no others) are, under normal use and services as specified in the manuals to be furnished by Seller to the original Purchaser, free from defects in material and workmanship from the date of delivery by Seller to the original Purchaser. Seller's obligation with respect to this warranty shall be limited to inspection of the goods and repair or replacement of defective apparatus or equipment. If inspection by Seller does not disclose any defect in material or workmanship, Seller's regular service charge shall apply. This warranty shall not apply to any products which must be replaced because of normal wear or which have been subjected to misuse, negligence, accident or unauthorized alteration.

Coverage is also extended to component equipment items provided by Seller except those which are covered by the individual component manufacturer's own warranties which shall then apply. Seller shall assign to Purchaser all such warranties received from the component suppliers.

Seller, in no manner, direct or indirect warrants any of the following:

- A. The system or any related parts or equipment supplied by Purchaser or any agent, supplier or representative of Purchaser.
- B. Lamps, tubes, fuses, tires, batteries and similar apparatus or components subject to wear or burn out through usage, including LED perimeter lighting.

This warranty is expressly in lieu of all and any other express or implied warranties, including any expressed or implied warranty of merchantability or fitness for any particular purpose. Unless to the extent that gross negligence or willful misconduct is determined by the final judgment of a court of competent jurisdiction, and not subject to further appeal, in no event shall seller be liable to the buyer or to any third party for any indirect, incidental, negligent, special, consequential, punitive or exemplary damages, or for damages to property, or for death or bodily injury, or for any loss or damage (including without limitation lost profits, lost savings, or loss of business opportunity) arising from use of products manufactured by seller or inability to use the same, even if seller has been advised of the possibility of such



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damages. SELLER'S SOLE OBLIGATION AND LIABILITY FOR PRODUCT DEFECTS SHALL BE, AT SELLER'S CHOICE, TO REPAIR OR REPLACE SUCH DEFECTIVE PRODUCT OR REFUND TO BUYER THE AMOUNT PAID BY BUYER THEREFOR. IN NO EVENT SHALL SELLER'S LIABILITY EXCEED THE BUYER'S PURCHASE PRICE. THE FOREGOING REMEDY SHALL BE SUBJECT TO BUYER'S WRITTEN NOTIFICATION OF DEFECT AND RETURN OF THE DEFECTIVE PRODUCT WITHIN NINETY (90) DAYS OF PURCHASE. The foregoing remedy does not apply to products that have been subjected to misuse, neglect, accident or modification, or to products that have been altered during assembly, or are otherwise not capable of being tested, or if damage occurs as a result of the failure of buyer to follow specific instructions.

Lifetime Re-Mountable All Aluminum Body and Body Structure Warranty

The MBF Re-Mountable All Aluminum Body© is engineered, designed and fabricated to maintain its integrity through the life of your vehicle. The warranty covers manufacturer defects in the material and workmanship of the exterior body skin, roof skin, corner extrusions, welding integrity of the aluminum structure, aluminum structure and all welded seams and joints.

The warranty shall be upheld through a re-mount process conducted only at the MBF manufacturing and design plant. The warranty is transferrable to new ownership with the written approval by an MBF official. Warranty repair coverage shall not exceed the original manufacturing cost.

10 Year MBF Aluminum Body Component Warranty

The 10 year body component warranty covers manufacturer defects in the material and workmanship of any MBF aluminum fabricated component attached to the MBF All Aluminum Re-Mountable Body©. Items include, SAT dish platforms, ladders, stairs, doors, door structure, mast enclosures, slide-outs, compartments and compartment structure. Warranty repair coverage shall not exceed the original manufacturing cost.

Should the body, structure or componentry need repair, MBF shall conduct a full inspection by an authorized MBF engineer at the MBF plant which will not cover travel expenses until it is determined a warranty issue. All warranty claims can be handled by calling MBF industries main number and asking for the warranty repair claims department @ 407-323-9414.



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Why MBF?

1. **Our Re-Mountable Body®:** MBF has designed and built the Re-Mountable Body® for over two decades. The MBF body components have a 30+ year life span with a ten year warranty and the MBF All Aluminum Body has a **Lifetime** structural warranty; the commercial chassis will likely wear out before the body. With a Re-Mountable Body® the chassis can be replaced, rather than discarding the whole vehicle, saving the customer tens or even hundreds of thousands of dollars. This is likely the reason why many of our competitors have tried to adopt this method of construction, but have not implemented into their standard construction practice or in many cases have actually done it.
2. **Materials:** Because MBF manufactures a Re-Mountable Body®, we use up to 30% more material than other builders and still provide our customers with competitive pricing. We overbuild our products for the simple reason that it costs far more to fix it in the field, than the extra time and material it takes to manufacture it here in our plant.
3. **Attention to Details:** Fancy websites, photos, certifications and videos do not qualify a builder to provide a quality product. The proof comes from years of customer satisfaction and brand loyalty. 55% of our business is repeat customers, and 98% of our vehicles are still with their original owners. We are a company made up of craftsmen, not a production line. Each department has highly skilled craftsmen to ensure the highest quality and longest lasting vehicles are produced. Every detail of your vehicle is meticulously engineered, fabricated, integrated and tested for quality assurance, plus it is backed by one of the best standard warranties in the industry.
4. **Technology:** MBF has a very long history of utilizing advanced technology within our vehicles. We continue to invest time and resources, to ensure our staff is always current with the latest advances in communication systems as well as design and in-action operability. We have a long standing relationship with the top brands in the communication industry and have established significant buying power through the years. We offer three ways of completing your technology package and delivering the vehicle to your specifications.

- MBF takes your design and specifications and installs the specific items to manufacturer specifications. MBF gladly performs this service; however, we do not back the systems functionality or any equipment warranty issues beyond the installation.
 - MBF engineers and designs a complete system based on what you want it to do. Often times we find this to be more cost effective and offer more functionality for future expansion. We also back the system and facilitate all warranty issues should they occur.
 - MBF works with you to develop a system using your specified items and helps you make informed decisions about the capabilities and parameters in which you want the vehicle to function. Our engineers will design the technology package with your specified equipment and create a synergistic system that is both functional and cost efficient. We also back the system and facilitate all warranty issues should they occur.
5. **Hands-On:** With everyone telling you they are the best builder with the best price and provide paperwork, drawings and photos, we say, there is no better way to make an educated decision than to actually meet the people, see the products and manufacturing techniques. This is a large purchase, and we want all our customers to have the opportunity to be well educated in their buying decision. For that reason, MBF has created the Fly-In program. MBF will take care of all your travel expenses and accommodations for up to three people for two days. We know the value of your comfort level and the assurance of building quality vehicle by those who are supplying it. These reasons and many more are why MBF has the reputation of a valued builder to our industry and our past clients.

We thank you for taking the time to research MBF and the quality products we offer.

***Please call us with any questions on how we can serve you
and build your next specialty vehicle.***



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Thank You!

We appreciate your interest in selecting MBF as a possible supplier to build your specialty vehicle. We are dedicated to making your building process a positive experience for all involved, from start to finish and beyond. During the process you will have the ability to check status, request production photos and have contact with those directly involved with the construction of your vehicle.

Again, we thank you for contacting MBF, and if you have any question please do not hesitate to contact us.

Sincerely,

Team MBF