



Shop Order

Owls Head Fire Department
 Chief Frank Ross
 335 North Shore Drive
 Owls Head, ME 04854

K & T Fire Equipment
 PO Box 360 1143 Crystal Road
 Exit 276, I95 Route 159 East
 Island Falls, ME 04747

Exp. Date: 02/06/2020
Quote No: 10008-0015
Job/Order No: 21622
BODY: 00-10-11 Metalfab Pumper - NFPA 05/13

11/19/2021

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PART NO	S	DESCRIPTION	QTY	ID
		== Metalfab Pumper - NFPA 05/13 - 0.000 ==	1	MTL
	S	CHANGE ORDER E	1	MTL
00-05-0040		Dealer - K&T Environmental Equipment	1	MTL
00-10-1510	U	Metalfab Pumper	1	MTL
00-20-1000		Company Profile	1	MTL
00-20-1500		Standard Body Warranty	1	MTL
00-20-1550		Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1700		Hale Pump Warranty - 5 years	1	MTL
00-20-1900		UPF Polytank Lifetime Warranty	1	MTL
00-20-2000		Plant Visits - unlimited at customer expense	1	MTL
00-20-3000		No Bonding Required	1	MTL
00-20-3500		Certification for Fusion Welding of Aluminum	1	MTL
00-20-4000	S	Quality System registered to ISO 9001:2015	1	MTL
00-20-4500		Fire Apparatus Manufacturers' Association Membership	1	MTL
		GENERAL INFORMATION	1	MTL
10-11-0000		Intent E	1	MTL
10-11-0110		Vehicle data recorder included with chassis	1	MTL
10-11-0500		NFPA 1901-2016 Compliance	1	MTL
10-11-2000		> UL Testing 1901	1	MTL
		ENG. NOTE: Note in the shop note if the Fire Department wishes to witness the test.		
10-11-2100	S	Maximum length specified - 384" - Keep as close to 360" as possible	1	MTL
10-11-2200	S	Maximum height specified - 116"	1	MTL
10-11-2400		Overall length is 30' or more	1	MTL
10-11-2420	S	Overall height is less than 119"	1	MTL
		Very aggressive angle of approach in reverse for the fire apparatus, similar angle of egress as well a multiple twisting frame effort leaving the station to the tarred road. Measure of drop is 19" at the 14' mark from the door sill and the OAH at the door sill is 118-1/2" - as measured by Tom York at 12.08.2020 pre-construction meeting.		
10-11-2500		General Construction	1	MTL
10-11-3000		Manuals - two copies ***Two copies of manuals are required.	1	MTL
10-11-3600	S	> Delivery - FOB Fire Department - K & T Fire Equipment	1	MTL
		ENG. NOTE: Note in the shop note if more than 4 hours of training is required		
		Completed unit may have to be delivered by transport to K&T if pandemic is still ongoing		
10-11-4000		Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
10-20-1400	S	> Hose capacity exceeding ULC/NFPA requirements	1	MTL
		ENG. NOTE: Specify the type of hose and quantity of hose to be carried on the vehicle		

PART NO	S	DESCRIPTION	QTY	ID
		The department want to carry 800' of 2-1/2" hose and as close to 900' of 4" hose as possible. As requested by Tom York following the pre-construction meeting of 12.08.2020.		
10-20-2100		Equipment carrying capacity - standard NFPA Pumper	1	MTL
		CHASSIS INFORMATION	1	MTL
20-11-1000	S	Chassis - Freightliner M2 106 two door Metalfab part number 1581156, PO #68802 62,000 lb GVWR 16,000 lb front axle 46,000 lb rear axle Cummins L9 350 hp @ 2000 rpm 2200 governed rpm 1000 lb-ft torque @ 1400 rpm Cummins engine brake (activates stop lights) 220" wheelbase 154.9" cab to axle Allison 3000 EVS automatic transmission 75 MPH road speed - will have to be programmed to 60 MPH to perform NFPA test 10-11-2000 275 Amp alternator 189 litre fuel tank - LH ESC L2225 EY Candy Apple red - paint sample required for approval: Department approval: _____ Unit design is based on frame height of 42". Body may change slightly if frame height is higher - to be reviewed after chassis arrives at Metalfab	1	MTL
20-21-0500		Fluid capacity plate	1	MTL
20-21-0600		Pumping test plate	1	MTL
20-21-1000		Maximum riders sign - 2 persons	1	MTL
20-21-1500		Seat belt warning labels - 2 door chassis	1	MTL
20-21-1520		Helmet warning label - do not wear helmet	1	MTL
20-21-1570	S	LED Tire Pressure Indicators - Tandem Axle - shipped loose for end user install	1	MTL
20-21-1600		Apparatus Information Label An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** m high ** m long ** kg GVW Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"	1	MTL
20-21-2000		Non removable key	1	MTL
20-21-2500		Shifter lock not required E	1	MTL
20-21-3500		Rear step warning label	1	MTL
20-21-3810	S	Front mudflaps provided with chassis Freightliner code 586-024	1	MTL
20-21-4000		Rear mudflaps - Metalfab Logo	1	MTL
20-31-0200		Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-0500		Alum tread fuel tank trim, Conv - 2 door Vertical trim only, OEM cab steps remain	1	MTL
20-31-1900	S	Chassis cab painted by chassis manufacturer	1	MTL
20-31-7500		Console in cab Install switch panel (50-11-0900), siren (50-11-1400), pump shift (30-51-0500) and a radio provision with a Jotto desk plate in console. Storage area with hinged cover and lift and turn latch provided at rear of console. Gray Zolatone finish	1	MTL
20-41-0600	S	Intake air shutoff for engine not requested	1	MTL
20-41-1100		Transmission programming - Allison WT	1	MTL
20-41-1500		Extend exhaust pipe - RS front of rear wheels E Engineering to specify exhaust pipe material as required by the chassis manufacturer. Engineering to sign off on the exhaust configuration to make sure it meets the chassis manufacturer's emission specifications.	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
20-41-1900		Battery boost terminals with chassis E Included with chassis located in front wheel well - frame mounted.	1	MTL
20-41-2000		Chassis batteries remain in OEM location	1	MTL
20-41-2510		Fuel fill at step fuel tank under cab	1	MTL
20-41-2600		Chassis fuel tank remains in OEM location	1	MTL
20-41-5010	S	Rear Tow Hooks - through rear of body w/ SS trim and rubber gasket There will be stainless steel trim and rubber gasket installed around the body opening. There may be a trim plate required to allow installation of the tow eyes after the body is installed.	1	MTL
20-51-0710		Master Battery Disconnect included with Freightliner chassis	1	MTL
20-51-2600		Back up alarm	1	MTL
20-51-3400		Protection valve installed for air operated accessories	1	MTL
20-51-4000		Auto eject for air inlet - LS Located in drivers side cab step area	1	MTL
20-51-6200		> 120 volt 20 A shore line connection in chassis cab ENG. NOTE: Requires 20-51-75 120 volt auto eject or 20-51-80 120 volt inlet Standard 5-20R duplex receptacle in chassis cab, not fused. For the battery conditioner 20-51-6510 to plug into. Located back of console/behind cab seat area, minimum 12" from floor.	1	MTL
20-51-6510		Kussmaul Autocharge 35/10 battery conditioner w/battery saver Located back of console/behind cab seat area. An 80 amp manual reset breaker is required.	1	MTL
20-51-7101	S	Electric System Management - VMUX	1	MTL
20-51-7500		Super Auto eject for 120 v - 20 A with sealed enclosure Located in drivers side cab step area	1	MTL
20-51-8505	S	Engine compartment light included with chassis Freightliner code 469-014	1	MTL
20-51-9001	S	Air horns on cab hood, controlled by dual lanyards included with chassis	1	MTL
20-52-3500		> Chassis steering wheel lined up by Metalfab E ENG. NOTE: Freightliner, Sterling, and Spartan only	1	MTL
20-60-0400		Chassis wheelbase does not change	1	MTL
20-90-1810	U	Extend air tank drain/moisture ejectors to rubrail and label/tag Cables are supplied by Freightliner code 477-004	1	
PUMP AND PLUMBING			1	MTL
30-11-3900		Hale DSD midship pump - 1250 USGPM	1	MTL
30-15-0304		Plumbing - non manifold pump SM SS E	1	MTL
30-20-0500		Valves and controls - side mount panel	1	MTL
30-20-1002		Akron valves specified	1	MTL
30-20-1620		Piping stainless steel - non manifold Pumper	1	MTL
30-20-1700	S	1-1/2" thread specifications NPSH 1-1/2" Thread will be NPSH unless othersise specified.	1	MTL
30-20-1800	S	2-1/2" thread specifications NH 2-1/2" Thread will be NH unless othersise specified.	1	MTL
30-20-2000		Piping hydrostatic test	1	MTL
30-20-2510		Anodes in suction and discharge piping - non manifold pump Install one anode on discharge side of pump, one anode on suction side of pump - do not use teflon tape or thread sealant. Paint flange silver and mask brass anode before painting for visibility.	1	MTL
30-21-5520	S	Tank to Pump SS 3" w/ check valve non manifold pump - 4" plumbing Plumbing will be 4" to meet flow requirements	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
30-22-0520		Tank Fill valve 2" SS	1	MTL
30-31-4020		Suction - 6" not gated each side SS non manifold pump 6" header	1	MTL
30-32-7550		Suction - 2-1/2" left side SS, bleeder, non manifold pump	1	MTL
30-40-2006	S	4" right discharge, plumbed 3", non manifold pump,SS,bleeder	1	MTL
30-41-2040		2-1/2" RS discharge SS, bleeder, non manifold pump	1	MTL
30-41-2540		2-1/2" LS discharge SS, bleeder, non manifold pump	2	MTL
30-43-1520		2-1/2" rear discharge SS, plumbed 2-1/2", bleeder ***Left side	1	MTL
30-44-0520	S	1-1/2" crosslay (each) SS, 2" valve, bleeder There will be two (2) single stack crosslays that will each carry 200' of 1.5" double jacket hose. There will be interlocking tile at the bottom of the crosslays and stainless steel rollers at each end. As requested by Tom York following the pre-construction meeting of 12.08.2020	2	MTL
30-44-6520	S	Piping for monitor SS, plumbed 3", bleeder, slow close Piping to terminate centered transversely over pump house ahead of tank. To be at a height that the Akron 3423 monitor (80-16-0500) can be left mounted and still be within the maximum height restriction of 116". Note: height restriction may prevent 360-degree rotation	1	MTL
30-51-0500		Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights in cab. ***Includes "Throttle Ready" indicator light on Pump operating panel	1	MTL
30-51-0700		Pump Gearbox mounted manual over ride for pump shift E	1	MTL
30-51-6800		FRC InControl Governor/Throttle engine display with throttle knob	1	MTL
30-51-7002		Suction side relief V/V, non manifold pump	1	MTL
30-51-7711		Trident Air Primer 3 barrel 1 location	1	MTL
30-51-7720	S	Additional air tank for air primer system-included with the Freightliner chassis An additional air tank is provided to improve air primer capacity	1	MTL
30-51-8200	S	Heat Exchanger not required	1	MTL
30-52-1000		Master drain V/V, 12 port	1	MTL
30-52-30AA	U	FRC MFA201-A00 Class B around the pump foam system Fire Research Manual Foam model MFA201-A00 around-the-pump foam system. Clarified part # to indicate Class B foam operation only. The system shall have one (1) panel mounted metering valve located on the left side pump operator's panel for Class B foam from the foam cell 40-12-5100 as confirmed by Tom York following the pre-construction meeting of 12.08.2020. The eductor shall be installed in a water by-pass loop between the pump intake and pump discharge. The flow in this around-the-pump loop shall create suction to draw the foam concentrate into the eductor, mix it with the water, and inject it into the intake side of the pump. Requires eductor valve and flush valve control on pump panel. See SOPT #1005 and schematic in file.	1	MTL
30-52-9100		Foam concentrate label at foam tank fill	1	MTL
30-52-9200		Foam System Instruction Plates	1	MTL
WATER AND FOAM TANKS				
40-11-2000		Polytank IIE water tank (US gallons)	1	MTL
40-11-2200		Water tank capacity certification (tank manufacturer)	1	MTL
40-11-7600		Tank capacity 3000 US Gallons	1	MTL
40-12-5100	S	Foam cell - 50 US gallon The foam cell will be labelled "Class B" as requested by Tom York by e-mail on 02.18.2021	1	MTL
40-21-1000		4" tank to pump connection	1	MTL
40-22-0500		2" tank fill connection	1	MTL
40-23-0500	S	3/4" water level gauge connection	1	MTL
40-23-1000	S	3/4" foam level gauge connection There will be a foam level gauge connection on the tank fro the foam cell 40-12-5100	1	MTL
40-23-1060		10" Newton dump connection	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
40-23-1070	S	3" direct fill connection The direct fill will be 2.5" connection as requested by Tom York following the pre-construction meeting of 12.08.2020	1	MTL
40-30-0500		Sump drain valve (3" gate valve) with linkage E	1	MTL
40-30-1100	S	Water Fill Box middle	1	MTL
40-31-3500		10" rear Newton dump, stainless steel	1	MTL
40-31-3600		Newton dump - stainless steel 36" telechute	1	MTL
40-31-5500		Electric operator for Newton dump, top mount	1	MTL
40-31-5610		> Rotating dump chute for Newton dump SS ENG. NOTE: Requires top mount control on dump valve	1	MTL
40-31-5800		Support for rotating dump chute if necessary Engineering to determine if this support is required	1	MTL
40-31-6000	S	2-1/2" rear gtd tank fill The direct fill will be a 2.5" gated valve with quarter turn control and 2.5" female fitting with no end cap. There will be a 2.5" male to 4" Storz adapter and 4" end cap installed (80-99-25AA). As requested by Tom York following the pre-construction meeting of 12.08.2020	1	MTL
ELECTRICAL			1	MTL
50-11-0300		Base electrical system - multiplex E	1	MTL
50-11-0600		Warning Light Certification	1	MTL
50-11-0700		Low Voltage Electrical system test	1	MTL
50-11-0800		Low Voltage Electrical System Documents As required by ULC and NFPA standards	1	MTL
50-11-0900	S	Rocker switch panel with master warning switch ***Rocker switch assignments: MASTER -LIGHT BAR RED -LIGHT BAR CLEAR -LIGHT BAR FRONT FLOOD -REAR BEACONS -FLASHING WARNING -LS SCENE -RS SCENE -REAR FLOODS -Q2B brake - For Q2B siren added at the pre-construction meeting of 12.08.2020	1	MTL
50-11-1400		Federal PA300 100 watt siren	1	MTL
50-11-1620		> Siren speaker, 100 watt, in front bumper ENG. NOTE: AS124 speaker 1570860	1	MTL
50-11-2010	S	Federal Q2B mechanical siren - through front bumper There will be a Q2B siren mounted in the front bumper, controlled by foot switch at both driver and officer positions as high on the floor board as possible to prevent accidental activation. The Q2B will be interlocked with the Emergency Master switch and will have a kill switch mounted near the driver's door. As requested by Tom York following the pre-construction meeting of 12.08.2020	1	MTL
50-11-2600		Siren to be accessible to driver and officer	1	MTL
50-11-6501	S	Rear Directional Light not requested	1	MTL
50-11-7001	U	Federal Allegiant Discreet LED light bar - ALGT61D NFPA1 Model no - ALGT61D NFPA1 Red and white LED light bar with white flood light mode. Department approved bar layout at pre-construction meeting of 12.08.2020 as advised by Tom York	1	
50-11-9026	S <	Rear beacons - Federal NVG10 LED (pr) - Red RS, Blue LS - w/ height restriction SOPT #1063 - truck specific	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		The Federal NVG10 beacon will be red on the right side and blue on the left side as requested by Tom York following the pre-construction meeting of 12.08.2020		
50-12-5020	S	Front LED flashers (pr)-red Federal QL43XF-R One pair located in upper part of chassis front grille and one pair located in lower part of front grille. Metalfab recommends changing to QL43 to allow more air flow to the chassis. Tom York advised that change is allowed after the pre-construction meeting of 12.08.2020	2	MTL
50-12-5110		Rear LED flashers (pr)-red Federal QL64XF-R One pair located lower level - above tail light module (one each side) One pair located upper level - on each side at top outer portion on rear of body.	2	MTL
50-12-5210	S	Front side inter lts (pr)-red LED Federal QL43XF-R Located lower level on side of chassis hood/fender area - one each side Metalfab recommends changing to QL43 to allow a better fit/seal to the chassis hood. Tom York advised that change is allowed after the pre-construction meeting of 12.08.2020	1	MTL
50-12-5310		Body side inter lts (pr)-red LED Federal QL64XF-R Located in upper corner forward most and rearward most of rear body fender area - both sides	2	MTL
50-21-1505	U	Unity LED rear floods (pr) Switched in cab and on light head. These lights wired so they cannot shed.	1	
50-21-25AA	U	Federal Commander series telescoping lights (ea) 12-volt, side mount, bottom raise with 2.75" mounting bracket Mounted front of the body. Switched on pump panel as requested by Tom York following the pre-construction meeting of 12.08.2020 These lights are managed to shed. Federal model COM15K-530-ON-SW. Include NS (no scratch) and raise pole indicator switch option if available See SOPT in file	2	
50-21-26AA	U	Federal Commander series LED 12-volt scene lights (pr) Mounted on upper left and right front and rear corners of body. Switched in cab. These lights are managed to shed. Federal model COM15K-260 - part number to be confirmed prior to ordering. See SOPT in file	2	
50-21-5110		Compartment lighting - LED tube lights in each compartment (flush doors) E L2 and L3 compartments will have 4" recessed LED lights due to the height of the compartments.	1	MTL
50-21-5500		Door Ajar warning light Located in overhead console over drivers seating position Warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL
50-21-5560	U	Equipment rack not stowed warning light Located in overhead console over drivers seating position Warning label in cab to read: "Do Not Move Apparatus when Light is on" One for the LAS and left side telescoping light One for the PTS and right side telescoping light	2	
50-21-8001		Step lights for body steps - 4" LED Switched with park brake.	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
50-21-8200	S	Step lights for chassis steps - LED Switched with park brake	1	MTL
50-21-83AA	U	LED lighting for rear step/platform Switched with park brake.	1	
50-21-8600		LED clearance lts and reflectors	1	MTL
50-21-8800		LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0700	S	Whelen 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-65AA	U	Hose bed lighting - LED on front partition Switched with park brake.	1	
50-31-6600		Ground lighting (4" LED) - 2 door chassis Switched with park brake.	1	MTL
50-31-6620		Ground lighting (4" LED) - side mount body Switched with park brake.	1	MTL
50-99-05AA	U	12 Volt power in all compartments Metalfab to provide terminal blocks wired with 12-gauge wire and there will be a capacity tag beside each connection. As requested by Tom York following the pre-construction meeting of 12.08.2020	1	
		BODY		
60-10-1600		Tandem axle extruded aluminum body	1	MTL
60-10-4100		No "beavertail" rear step supports	1	MTL
60-10-4600		Painted fender surround E	1	MTL
60-10-4700		Integral aluminum fender trim	1	MTL
60-10-5400		> Diamondback pumphouse steps	1	MTL
		ENG. NOTE: Maximum height of step is 24" from ground		
60-10-5430		> Diamondback 19" rear step	1	MTL
		ENG. NOTE: Maximum height of rear step is 24" from ground		
60-10-6000		Extruded rub rail	1	MTL
60-11-0205	U	Front left side compartment intermediate height	1	
60-11-0505	U	Front side compartment to top of wheel well	1	
60-11-0905	U	Rear left side compartment intermediate height	1	
60-11-1105	U	Rear right side compartment to top of wheel well	1	
60-11-1900	S	> Low side compartment (up to 18") each - left side	2	MTL
		ENG. NOTE: Specify critical dimensions in shop note Specify type of door Specify flip up or drop down Specify which side of body		
60-11-3100		No rear compartment E	1	MTL
60-11-4510		Flush mount aluminum door - double with "D" handle There will be reflective striping installed on the inside door surface	4	MTL
60-11-4535	U	Flush mount aluminum door - single with "D" handle Flip up type for compartments over left side rear wheels	2	
60-31-4100		Extruded aluminum handrails Minimum 2" clearance from handrail to any surface	1	MTL
60-31-5500	S	Steps at rear of body (folding) w/LED lights Maximum height between steps is 18"	1	MTL
60-31-5600		Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"	1	MTL
60-31-6500	S	Compartment matting - Plastic Interlocking tile	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
60-32-3500		One adjustable hose divider Hand hold required in end	1	MTL
60-32-7500	S	Hose bed - aluminum Includes a front partition behind the foam fill tower The hose bed must be set up to carry 800' of 2.5" hose on the left side of the water fill tower and as close to 900' of 4" hose on the right side. As requested by Tom York following the pre-construction meeting of 12.08.2020	1	MTL
60-33-0000		Paint exterior - Imron Elite *** Paint code and colour single color red to match cab	1	MTL
60-33-0200		Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600		Chassis wheels not painted Polished aluminum wheels. Hubs remain OEM painted color (usually black)	1	MTL
60-33-1000		Paint pump and plumbing job colour	1	MTL
60-33-1500		Buffed finish compartment interior	1	MTL
60-33-2200	S	Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl letters, Fire Department to provide details on location and text. Door decal for chassis door only as shown in F:/Data/Jacques/Current Projects/Owl's Head/Picture "Owl's Head" and "PT4" in 3" size letters with gold leaf and black shadow. "Fire Dept." in 2" size letters with fold leaf and black shadow. As approved by e-mail from Tom York on 08.13.2021	1	MTL
60-33-3000	S	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front 3M Scotchlite material Straight reflective stripe as shown on approval drawing that was approved by e-mail from Tom York on 08.13.2021	1	MTL
60-33-3310		Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface. Printed 3M Scotchlite material.	1	MTL
60-33-3500	S	Tarp over hose bed - black with shock cord restraint A hosebed cover will be provided and secured to top body flanges with J-hooks and shock cord down each side of the body. A weighted flap will be furnished at the front of the cover, J-hooks and shock cords on the rear flap. Color to be black. As requested by Tom York following the pre-construction meeting of 12.08.2020 and clarified by phone on 02.16.2021	1	MTL
60-33-3600		Reflective stripe - inside entry doors 96 square inches minimum inside each cab entry door.	1	MTL
60-33-4600	S	Aluminum cover over crosslays - with end tarps (black) There will be deck plate crosslay cover with end tarps as requested by Tom York following the pre-construction meeting of 12.08.2020. The end tarps will have j-hooks and shock cord restraints.	1	MTL
60-40-4500	S	6" Hose tray - side mount (ea) - on LAS For 6" x 15' suction hose 80-11-5020. Tom York confirmed the suction hose length will be 15' after the pre-construction meeting of 12.08.2020	1	MTL
60-40-5500	S	Suction hose tube (each) - on PTS For 6" x 15' suction hose 80-11-5020 Tom York confirmed the suction hose length will be 15' after the pre-construction meeting of 12.08.2020	2	MTL
60-41-6001	S	> Zico hydraulic portable tank rack ENG. NOTE: Specify mounting location desired. If Portable tank is customer supplied, specify overall dimensions when the tank is in	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		stored position		
		To be wired so only operable when park brake is engaged and right side compartment doors are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. To stow Customer's portable tank 3000 US Gal Steel Frame Fol-Da-Tank: Customer to specify dimensions: Length - 13'4" Height - 29" Folded width (depth) - 7" As advised by Tom York following the pre-construction meeting of 12.08.2020		
60-41-6010		ZICO PTS switched at rear above tail light Switch is located on same side as electric rack - right side.	1	MTL
60-41-6100		Tread plate on exterior of Zico PTS	1	MTL
60-41-7100		Tread plate on body behind porta tank rack	1	MTL
60-41-9000	S	> Zico electric Ladder Access system ENG. NOTE: Specify mounting location desired. If ladder(s) are customer supplied, specify overall length and width, width between side rails, rung spacing; also specify ladder brand and model	1	MTL
		To be wired so only operable when park brake is engaged and left side compartment doors are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. To stow Customer's ladders: Customer to specify make and model of ladders and dimensions: Ladder #1 Make - Alco Lite Model - 24' - 2 section Ladder #2 Make - Alco Lite Model - 14' roof ladder As advised by Tom York following the pre-construction meeting of 12.08.2020		
60-41-9010		ZICO LAS switched at rear above tail light E Switch is located on same side as electric rack - left side.	1	MTL
60-41-9100		Manual locking system for LAS Install information label at switch location to instruct operator to release locks prior to lowering the ladder.	1	MTL
		INSTRUMENTATION		
70-11-0000		Warning Label on Pump Operator's Panel	1	MTL
70-11-0500		Side mount instrument panel No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position	1	MTL
70-11-1500		Stainless steel instrument panels No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position	1	MTL
70-11-3200		Colour coded tags	1	MTL
70-11-4102	U	Stainless steel side panel hood left side	1	
70-11-4506	U	Diamondback grip type panel hood step right side Will require light to illuminate step surface - Metalfab part # 1562518 Will require yellow delienation reflective stripe to meet NFPA	1	

PART NO	S	DESCRIPTION	QTY	ID
70-11-5500		Right side tread plate pump access door No opening dimension less than 18"	1	MTL
70-11-7500		Heat pan-aluminum	1	MTL
70-11-8000		Heater in pump compartment Switched on pump operators panel	1	MTL
70-20-1100	U	4-1/2" compound gauge - PSI only 0-400 To be within 8" of each other - edge to edge These are duplicate to the digital version included on the FRC In-Control governor and could be deleted if the customer wishes. Department will keep them as advised by Tom York after the pre-construction meeting of 12.08.2020	2	
70-20-2121	U	2-1/2" pressure gauge - PSI only 0-400 Gauge to be no more than 6" from edge of the gauge to the center of the control	8	
70-20-2500	S	Trident Primer Control	1	MTL
70-20-3300		FRC InControl Governor Control Throttle can be no lower than 42" and no higher than 72" from operator's standing position.	1	MTL
70-20-3510	S	Electric water level gauge on pump panel and at rear, Class One There will be a water level gauge installed on the pump panel and at the rear of the body as requested by Tom York after the pre-construction meeting of 12.08.2020	1	MTL
70-20-6500		Test gauge panel Mount below the compound gauges for proper draining	1	MTL
70-21-1500	S	Electric Foam Level gauge Include access to and room for sender in front of body and back of pump house A foam level gauge will be added as requested by Tom York after the pre-construction meeting of 12.08.2020	1	MTL
70-21-5500		Panel readout for Battery Conditioner Located in drivers side cab step area	1	MTL
ACCESSORIES			1	MTL
80-11-5021	U	Harrington suction hose - 6" x 15' There will be three (3) Harrington 6" x 15' suction hoses stored in the 60-40-4500 tray and 60-40-5500 tube as requested by Tom York after the pre-construction meeting of 12.08.2020	3	
80-13-0520	U	Rubber mallet Shipped loose - not mounted. Customer is responsible for mounting and mounting bracket(s)	1	
80-14-9000	S	Attic ladder bracket (Zico) There will be an Attic ladder bracket for a customer supplied Alco Lite shipped loose with the unit. As requested by Tom York following the pre-construction meeting of 12.08.2020	1	MTL
80-19-0500	S	Large folding wheel chock - aluminum (ea) not mounted There will be aluminum folding wheel chocks supplied with the completed unit as requested by Tom York after the pre-construction meeting of 12.08.2020	2	MTL
80-19-0600	S	> Horizontal bracket for folding wheel chock (ea) ENG. NOTE: Specify location, otherwise ship loose There will be a pair of wheel chock brackets mounted under the L1 compartment ahead of the rear wheels as requested by Tom York after the pre-construction meeting of 12.08.2020	2	MTL
80-99-05AA	U	Price Adjustment	1	

