



Shop Order

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<p>Sales Rep: K & T Fire Equipment Tom York</p> <p>Drawing #: FT-10987 Est. Delivery Date: / / Customer PO #: Customer #: 1161 QPF #:</p>	<p>Terms: Chassis, body and equipment COD</p> <p>Penalty: \$100.00 per day after June 30.2018 based on chassis delivery to Metalfab by Feb 01.2018</p>
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Quote No: 10026-0020
Job/Order No: 19981
 04/17/2018

PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - NFPA 05/13 - 0.000 ==
	1	CHANGE ORDER A
00-10-1500	1	Metalfab Pumper E
00-20-1000	1	Company Profile E
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-1600	1	Waterous Pump Warranty - 5 years
00-20-1900	1	UPF Polytank Lifetime Warranty
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-3000	1	No Bonding Requested
00-20-3500	1	Certification for Fusion Welding of Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
	1	GENERAL INFORMATION
10-11-0000	1	Intent E
10-11-0110	1	Vehicle data recorder included with chassis
10-11-0500	1	NFPA 1901-2016 Compliance
10-11-2000	1	UL Testing 1901
10-11-2100	1	Maximum length not specified E
10-11-2200	1	Maximum height not specified E
10-11-2400	1	Overall length is 30' or more
10-11-2410	1	Overall height is 119" or more
10-11-2500	1	General Construction
10-11-3000	1	Manuals - two copies
		***Two copies of chassis manuals are required.
10-11-3600	1	Delivery by K & T to HFD
10-11-4200	1	Payment Terms - Chassis and Body COD
10-20-1100	1	Hose bed capacity - standard NFPA Pumper
10-20-2100	1	Equipment carrying capacity - standard NFPA Pumper

PART NO	QTY	DESCRIPTION
	1	CHASSIS INFORMATION
20-11-0500	1	Chassis - Freightliner 114SD tandem two door Set back front axle 234" wheelbase 168.45" cab to axle 64,000 lb GVW 18,000 lb front axle 46,000 lb rear axle Detroit DD13 12.8 Liter 450 hp @ 1625 rpm 1900 governed rpm 1650 ft-lb torque at 975 rpm Allison 4000 EVS automatic transmission, 270 amp alternator LH side of transmission PTO opening Two (2) 1350 Cubic inch Auxiliary air tanks Polished Aluminum wheels L0006 EB white over L0235 EB Candy Apple Red
		Modifications to chassis by Metalfab
		***Add ember separator screen in air intake on hood
		***Relocate jump start terminals to step area
		***Add front towing device
20-11-1500	1	2013 Emission chassis modifications
20-21-0500	1	Fluid capacity plate
20-21-0600	1	Pumping test plate
20-21-1000	1	Maximum riders sign - 2 persons
20-21-1500	1	Seat belt warning labels - 2 door chassis
20-21-1520	1	Helmet warning label - do not wear helmet
20-21-1540	1	Tire Pressure Indicators - Tandem Axle
20-21-1541	1	Reel Wheels Crossfire dual tire pressure equalizing system for rear wheels SOPT #19 - Truck specific RW part number - RWPSI (one required per axle - 2 total) Metalfab part number - 1580337
20-21-1600	1	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"
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required E
20-21-3500	1	Rear step warning label
20-21-3800	1	Front mudflaps
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-0500	1	Alum tread fuel tank trim, Conv - 2 door Vertical trim only, OEM cab steps remain
20-31-0501	1	Large label by DEF Fill Label to be as large as practical
20-31-1900	1	Chassis cab painted two tone Freightliner Body will be single color RED
20-31-7500	1	Console in cab Install switch panel, siren, door ajar light, and pump shift in console. Storage area with hinged cover and lift and turn latch provided at rear of console. Gray zolatone finish

PART NO	QTY	DESCRIPTION
20-41-0600	1	Intake air shutoff for engine not requested
20-41-0900	1	Auxiliary braking system disabled when pumping
20-41-1100	1	Transmission programming - Allison WT ***Includes "Pump Engaged" light next to pump shift on chassis instrument panel.
20-41-1500	1	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.
20-41-1801	1	Battery boost terminals not required - batteries accessible
20-41-2200	1	Chassis batteries relocated to body compartment E Front right side compartment
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5100	1	Rear Tow Hook - pintle hook E
20-51-0700	1	Master Battery Disconnect included with chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3400	1	Protection valve installed for air operated accessories
20-51-4000	1	Auto eject for air inlet - LS Located on left side pump panel
20-51-6200	2	120 volt 20 A shore line receptacle Standard 5-20R duplex receptacle, minimum 12" from floor 1 - on back wall of chassis cab for Autocharge 20-51-6510 1 - as high as possible in front LS compartment
20-51-6510	1	Kussmaul Autocharge 35/10 battery conditioner w/battery saver Install on cab floor near back wall between the 2 seating positions.
20-51-7101	1	Electric System Management - VMUX
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Located on left side pump panel minimum 24" from ground.
20-51-8500	1	Engine compartment lighting - LED to meet NFPA Switched with park brake
20-51-9110	1	Air horns on cab roof - with chassis Remove if necessary for the UL test, then re-install Move switch for air horn activation from LS floor to the cab console so accessible for both driver and officer
20-52-3000	1	Chassis steering wheel lined up by others
20-52-4000	1	Rear View Camera system Rearview Systems STM5600 with 5.6" colour monitor in cab installed on top of dash or at front of console - send photos to customer for final location
20-60-0400	1	Chassis wheelbase does not change
20-90-1500	1	12 volt power point E One as high as possible in front LS compartment Powered from "battery saver" on Kussmaul Autocharge
	1	PUMP AND PLUMBING
30-12-4000	1	Mechanical seals for Waterous pumps
30-12-5600	1	Waterous CS single stage 1250 USGPM
30-15-0203	1	Plumbing - Waterous manifold pump SM E
30-20-0500	1	Valves and controls - side mount panel
30-20-1002	1	Akron valves specified **** White Plastic balls

PART NO	QTY	DESCRIPTION
30-20-1500	1	Piping galvanized steel - general
30-20-1700	1	1-1/2" thread specifications NPSH E
30-20-1800	1	2-1/2" thread specifications NH E
30-20-2000	1	Piping hydrostatic test
30-20-2500	1	Anodes in suction and discharge piping 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.
30-21-5500	1	Tank to Pump 3" w/ check valve manifold pump
30-22-0500	1	Tank Fill valve 2"
30-31-4010	1	Suction - 6" each side manifold pump
30-31-7210	1	Waterous master intake suction valve - electric control Left side intake to be gated
30-32-7505	1	Suction - 2-1/2" left side, bleeder, Waterous manifold pump
30-40-2005	1	4" right discharge, plumbed 3", Waterous manifold pump, bleeder This discharge will have a 5" Storz connection in place of the standard 4" Storz connection To accomplish this a Kochek SKE53R 3" FNH x 5" Storz adapter (1501050) and 5" Storz cap (1501457) is required SOPT #1198 - Truck specific
30-40-2007	1	S36S525 Kochek - 5" Storz x 2-1/2" Male NST rigid adapter and NST chrome cap SOPT #1204 - Truck specific Shipped loose - for use on the above 30-40-2005 5" Storz discharge when required by Customer
30-41-2005	1	2-1/2" RS discharge, bleeder, Waterous manifold pump 2-1/2" caps not required as K&T will install reducing caps 80-13-1200
30-41-2505	2	2-1/2" LS discharge, bleeder, Waterous manifold pump 2-1/2" caps not required as K&T will install reducing caps 80-13-1200
30-44-0500	2	1-1/2" crosslay (each), 2" valve, bleeder Minimum capacity for 200' x 1-3/4" hose and nozzle. Shall be equipped with stainless steel rollers on each end K&T will provide a 10' hose extension for each mattydale
30-44-3500	1	2-1/2" crosslay, plumbed 2-1/2", bleeder Minimum capacity for 200' x 2-1/2" hose and nozzle. Shall be equipped with stainless steel rollers on each end K&T will provide a 10' hose extension for each mattydale This crosslay to be located next to body (rearmost)
30-44-6500	1	Piping for monitor, plumbed 3", bleeder Centered behind Crosslays Ref 40-31-8001 for the Akron Monitor
30-51-0500	1	Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift E
30-51-1500	1	Power shift PTO - Automatic transmission For the hydraulic generator
30-51-1501	1	PTO driveshaft E
30-51-6640	1	Class One "TPG Plus" Governor/Throttle
30-51-7000	2	Suction side relief V/V, manifold pump
30-51-7712	1	Air primer - 3 barrel, 2 location SOPT #615

PART NO	QTY	DESCRIPTION
		Location 1 - Main pump Location 2 - Gated inlet
30-51-7720	1	Additional air tank w/ chassis for use with air primer Freightliner code 46A-011
30-51-8100	1	Heat exchanger not required
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	Drain valve for foam system header
30-52-5610	1	Foam system-Hypro FoamPro 2001 Dual Tank All three crosslays are to be foam compatible
30-52-6500	1	FoamPro dual tank selector valve (manual)
30-52-9100	2	Foam concentrate label at foam tank fill
30-52-9200	1	Foam System Instruction Plates
30-52-9400	1	NFPA Foam System certification test
	1	WATER AND FOAM TANKS
40-11-2000	1	Polytank IIE water tank (US gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-7600	1	Tank capacity 3000 US Gallons
40-12-4700	2	Foam cell - 30 US gallon Foam Towers to be clearly marked "A" and "B"
40-21-0500	1	3" tank to pump connection
40-22-0500	1	2" tank fill connection
40-23-0500	1	1" water level gauge connection
40-23-1000	2	1" foam level gauge connection
40-23-1060	1	10" Newton dump connection
40-23-1070	1	3" direct fill connection
40-30-0400	1	3" plug in sump box
40-30-1200	1	Water Fill Box special location Locate as far forward towards the front and to the left side as possible to maximize hose bed - in consultation with tank manufacturer
40-31-4500	1	10" rear Newton dump, painted steel
40-31-4700	1	Newton dump, top mount operation Lock open device is required
40-31-5500	1	Electric operator for Newton dump Switch to be located on LS above the tail lights, include a shield to prevent accidental operation
40-31-5600	1	Rotating dump chute for Newton dump painted steel c/with telechute
40-31-5800	1	Support for rotating dump chute if necessary Engineering to determine if this support is required
40-31-6000	1	2-1/2" rear gtd tank fill Located right of dump line as shown on the proposal drawing
40-31-8001	1	Akron 3440 deck master electric monitor 5177 electric nozzle Includes an Akron style 5177 saber master nozzle, a pump panel mounted control, and a wireless remote control See SOPT in file. (possible part number 1521681, Phantom 580-16-1110) Engineering to supply purchasing with Ordering information Wireless remote control to be shipped loose
	1	ELECTRICAL
50-11-0300	1	Base electrical system - multiplex E
50-11-0600	1	Warning Light Certification
50-11-0700	1	Low Voltage Electrical system test

PART NO	QTY	DESCRIPTION
50-11-0800	1	Low Voltage Electrical System Documents As required by ULC and NFPA standards
50-11-0900	1	Rocker switch panel with master warning switch Rocker switch panel installed in cab console 20-31-7500 ***Rocker switch assignments: MASTER -LIGHT BAR RED -LIGHT BAR WHITE -REAR BEACONS -FLASHING WARNING -LEFT SCENE -RIGHT SCENE -REAR SCENE -REAR FLOODS
50-11-1400	1	Federal PA300 100 watt siren Siren installed in 20-31-7500 console
50-11-1620	1	Siren speaker, 100 watt, in front bumper
50-11-2600	1	Siren to be accessible to driver and officer
50-11-5800	1	Federal light package
50-11-5812	1	Federal LPX53DS-NFPA LED light bar SOPT #798 White flashing lights will be enabled in response mode, disabled when park brake is set and when LIGHT BAR WHITE switch is off
50-11-6501	1	Rear Directional Light not required E
50-11-9015	1	Rear Beacons, Federal NVG10, both red Replaces the Obsolete Micro Escape beacons SOPT #1063
50-12-5020	2	Front LED flashers (pr)-red Federal QL64XF-R High & low in chassis grille
50-12-5110	1	Rear LED flashers (pr)-red Federal QL64XF-R
50-12-5111	1	Rear LED flashers (pr)-red Federal QL64XF upper level Below rear scene lights as shown on proposal drawing Left side to be BLUE Right side to be RED
50-12-5210	1	Front side inter lts (pr)-red LED Federal QL64XF-R
50-12-5310	1	Body side inter lts (pr)-red LED Federal QL64XF-R Rear fenders - rearward most
50-12-5410	1	Additional body side inter lts (pr)-red LED Federal QL64XF-R Rear fenders - forward most
50-21-1505	1	Unity LED rear floods (pr) Note that these lights are also used as rear step lights and cannot be managed Switched in cab
50-21-25AA	2	FRC telescoping SPECTRA LED 12V flood (ea) Telights flange mounted push up type, through fender cover into left and right front compartments as close as practical to front edge on compartment. Switched on light head. Hazard switch required SPA512-Q15-ON-SW-SR Engineering to confirm number
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)

PART NO	QTY	DESCRIPTION
50-21-5500	1	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"
50-21-5550	2	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 Ladder rack and one for the Portable tank rack
50-21-8001	1	Step lights for body steps - 4" LED Switched by park brake.
50-21-8200	1	Step lights for chassis steps - LED Lumabars Switched by park brake.
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0700	1	Whelen 64 LED tail/brake-turn-backup module (pr)
50-31-4000	1	12000 watt hydraulic generator -Harrison SOPT #836 - Truck specific Mount on top ahead of hose bed left of the foam towers
50-31-4001	1	Cord reel with 60 ' of SO cord 240v 60 amp SOPT in file Engineering to provide ordering details to purchasing (i.e. reel, type and gauge of cord, connectors, etc.) 14-60R receptacle on end of cable (60A-240V single phase) unless otherwise specified Locate in RS front compartment above batteries as high as possible
50-31-6006	1	Scene lights (pr) - Federal QL97 LED - Right side Switched in cab
50-31-6007	1	Scene lights (pr) - Federal QL97 LED - Left side Switched in cab
50-31-6008	1	Scene lights (pr) - Federal QL97 LED - Rear Switched in cab
50-31-6011	1	Scene light boxes not required E
50-31-6550	1	Ground lighting (LED Lumabar) - 2 door chassis
50-31-6570	1	Ground lighting (LED Lumabar) - side mount body
50-35-0560	1	VHF antenna with base - commercial chassis Mount on cab roof behind light bar Antenna cables will be run to the center console
50-35-0570	1	UHF antenna with base - commercial chassis Determine at the Pre-construction meeting if any specific location or spacing requirements Antenna cable will be run to the center part of dash are - an extra 2' minimum of cord, clearly labeled.
50-35-0590	1	Cellular/TMR antenna with base - commercial chassis Determine at the Pre-construction meeting if any specific location or spacing requirements Antenna cable will be run to the center part of dash are - an extra 2' minimum of cord, clearly labeled.
50-35-0592	1	Garmin GPS Garmin DriveSmart 51 LMT-S GPS with 5" display

PART NO	QTY	DESCRIPTION
		Mount beside 20-52-4000 backup camera
50-35-1000	1	Supply and install 16 channel mobile radio - digital Radio information list required Customer to confirm the brand and model - Motorola CM200d proposed Mount in console in cab
50-35-1005	1	External speaker for mobile radio inside cab E
50-99-10AA	1	Hose bed cover lights - LED SOPT #209 4 x 40" LED Lumabars Switched by park brake. Switch required for the door ajar warning light in cab
51-31-3020	1	120 volt wiring for hydraulic generator Note that Neutral is bonded to chassis ground. Circuit for HD reel 240v 60 amp , 60 ft so cord - ref 50-31-4001 Circuit for 15 amp twist lock duplex receptacles in each corner Interior compartment of the body, (4 total, locate in full depth portion of compartment, minimum 12" off floor) Breaker panel to be located in RS front compartment in shallow section above cord reel.
51-31-4500	1	Dielectric strength test for line voltage system
	1	BODY
60-10-1600	1	Tandem axle extruded aluminum body
60-10-4000	1	Tapered "beavertail" rear step supports E
60-10-4600	1	Painted fender surround E
60-10-4700	1	Integral aluminum fender trim
60-10-5400	1	Diamondback pumphouse steps
60-10-5430	1	Diamondback 19" rear step
60-10-6000	1	Extruded rub rail
60-11-0300	1	Front left side compartments full height E
60-11-0350	1	Second front left side compartments full height E
60-11-0700	1	Front right side compartments full height E
60-11-0750	1	Second front right side compartments full height E
60-11-1000	1	Rear left side compartments full height E
60-11-1400	1	Rear right side compartments full height E
60-11-2000	4	High side compartment (over 18") each 2 left side over w/o
60-11-3100	1	Full width rear intermediate step above dump Dimension from top of step to bottom of hose bed to be approximately 36"
60-11-5600	4	Rollup door - painted job colour - standard height Painted to match body Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5620	6	Rollup door - painted job colour - full height Painted to match body Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5655	4	Amdor pull straps - Flex-HD - L3, L4, R3, R4 Include with door order Metalfab part number 1003066 Amdor part number AY-9355-18 For door opening height of 20" to 37" Installed on the following doors Left side front compartment door over rear wheels Left side rear compartment door over rear wheels Right side front compartment door over rear wheels Right side rear compartment door over rear wheels SOPT #1114 (truck specific)

PART NO	QTY	DESCRIPTION
60-11-566A	6	Amdor pull straps - Flex-HD - L1, L2, L5, R1, R2, R5 Include with door order Metalfab part number 1003069 Amdor part number AY-9355-48 For door opening height of 71" to 84" Installed on the following doors Left side front compartment door Left side second front compartment door Left side rear compartment door Right side front compartment door Right side second front compartment door Right side rear compartment door SOPT #1114 (truck specific)
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
60-31-5000	1	Zico access Ladder at rear of unit A Zico Access ladder will be installed on the left side of the body to access the hose bed. Minimum 7" clearance between rung and any obstruction
60-31-5500	1	Steps at rear of body (folding) w/LED lights Steps on the right side of the body only where the left side has a Zico Access ladder Maximum height between steps is 18"
60-31-5600	1	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"
60-31-6500	1	Compartment matting- black plastic interlocking tile
60-31-8700	4	Sliding tray (ea) - 400 pound capacity with gas strut Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location of the slide out trays Tray #1 - Second LS front compartment at floor level Tray #2 - LS rear compartment at floor level - inverted for customer portable pump (25" wide) Tray #3 - Second RS front compartment at floor level Tray #4 - RS rear compartment at floor level
60-31-9600	4	Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location of shelves Shelf #1 - Second LS front compartment full depth Shelf #2 - LS rear compartment full depth Shelf #3 - Second RS front compartment full depth Shelf #4 - RS rear compartment full depth
60-32-3500	1	One adjustable hose divider Hand hold required in end One adjustable hose bed divider (located to the left of the fixed center divider) and one fixed in center to support hose bed covers There shall be a fixed front partition at front of hose bed
60-32-7500	1	Hose bed - aluminum
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour red to match cab
60-33-0200	1	Undercoat vehicle with KROWN rust protection

PART NO	QTY	DESCRIPTION
60-33-0600	1	Chassis wheels not painted Aluminum wheels
60-33-1000	1	Paint pump and plumbing job colour
60-33-1500	1	Buffed finish compartment interior
60-33-2300	1	Lettering - special graphics Vinyl Gold Leaf 5/8" machine turn for all lettering and accent striping. 3/4" gold tape with black outline for accent striping and paint line on cab same as previous unit. Accent striping without corner scrolls on extrusions only - send proposed layout for approval. On left and right cab doors: HOULTON FIRE DEPT 403 Left and right body above high sides: HOULTON FIRE DEPT
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and rear, 25% of perimeter front
60-33-3310	1	Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface
60-33-3600	1	Reflective stripe - inside entry doors 96 square inches minimum inside each cab entry door
60-33-4600	1	Aluminum cover over crosslays - with end tarps (black) The tarps shall have Velcro straps to wrap around the hose rollers
60-33-5000	1	Power assisted aluminum cover over hose bed with end tarps - black SOPT #190 - Truck specific in file Electric actuators for each cover Switches will be on rear above the LS tail lights, include guards so they cannot be activated accidentally
60-40-5500	2	Suction hose tube (each) with door To house the 6" x 15' suction hose 99-99-9987
60-41-6005	1	Zico horizontal electric portable tank rack Left side To be wired so only operable when park brake is engaged. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. Make and model of Portable tank to be stored and dimensions. Make - FOL DA TANK, steel frame OA Length - 14'-6" OA Width - 29" OA thickness/depth - 7-1/2"
60-41-6006	1	Aluminum treadplate covers for ends and bottom of PTS Portable tank to be completely enclosed other than top when the rack is in the stowed position
60-41-6010	1	ZICO PTS switched at left side pump panel Switch is located on same side as electric rack on pump panel
60-41-9500	1	Zico Horizontal Ladder Access system Right side Include HLAS-OS optional stop To be wired so only operable when park brake is engaged.

PART NO	QTY	DESCRIPTION
		Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. The 24' two section Alco-Lite ladder 99-99-9991 and the 14' roof Alco-Lite ladder 99-99-9990 will be stored on this rack.
60-41-9510	1	ZICO HLAS switched at right side pump panel Switch is located on same side as electric rack on pump panel
	1	INSTRUMENTATION
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-0010	1	12 volt in cab preconstruction Provide 12 volt wires at rear of console with 6" terminated power and ground for customer chargers
70-11-0011	1	120 volt strip in cab Install 120 volt power bar supplied from shore line receptacle on back of console for customer chargers - use power bar for transformer type plugs
70-11-0500	1	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
70-11-1500	1	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
70-11-3200	1	Colour coded tags
70-11-4500	1	Diamondback grip type panel hood step right side
70-11-4600	1	Diamondback grip type panel hood step left side
70-11-5100	1	Open storage at rear top of pump house
70-11-5500	1	Right side tread plate pump access door No opening dimension less than 18"
70-11-7500	1	Heat pan-aluminum
70-11-8000	1	Heater in pump compartment Switched on pump panel
70-11-8200	1	Rubber seal around every suction and discharge opening on the pump panel There will be a rubber seal around every suction and discharge opening on the pump panel to retain the maximum amount of heat in the pump house.
70-20-1000	2	4-1/2" compound gauge - PSI only 0-600 To be within 8" of each other - edge to edge
70-20-2500	1	Air Primer controls
70-20-3100	1	Class One Governor Control Throttle can be no lower than 42" and no higher than 72" from operator's standing position.
70-20-3510	1	Electric water level gauge on pump panel and at rear, Class One
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining
70-21-1500	2	Electric Foam Level gauge on pump panel, Class One Include access to and room for sender in front of body and back of pump house
70-21-2100	1	PTO Hourmeter With the Generator FROG readout/display.
70-21-5500	1	Panel readout for Battery Conditioner Located on left side pump panel

PART NO	QTY	DESCRIPTION
71-21-5000	8	<i>Flowmeter in place of pressure gauge (ea)</i> All discharge lines to be equipped with Class 1 Flowminders. Readout to be no more than 6" from edge of the gauge to the center of the control. See SOPT #1163 for reference Engineering to supply ordering information of the various components (i.e. saddle clamps, harness lengths, color coded corner tags, etc.)
	1	<i>ACCESSORIES - Supplied and installed by K & T</i>
80-12-2600	1	<i>6" box strainer</i>
80-12-4500	1	<i>6" low level strainer w 1-1/2" venturi</i> 1-1/2" venturi to be NPSH
80-13-0500	1	<i>Rubber mallet</i>
80-13-1000	4	<i>Hose wrenches (double) with holder</i>
80-13-1100	1	<i>Hose wrenches (triple) with holder</i>
80-13-1200	1	<i>2 1/2" fem x 1 1/2" male adp w cap chrome</i>
99-99-9909	1	<i>K & T Supplied accessories& equip</i>
99-99-9987	1	<i>6" x 15' harrington suction Hose</i>
99-99-9989	1	<i>8' alco attic ladder w/ brackets for zico</i>
99-99-9990	1	<i>Alco 14' roof ladder</i>
99-99-9991	1	<i>Alco 24 ' two section ladder</i>
99-99-9993	2	<i>Streamlight LED ac w/ mt rack</i> To be orange in color
99-99-9994	1	<i>6" nh f x 5" storz 30deg droop</i>
99-99-9995	1	<i>Hydrant adapter 5.145" female x 5" storz swivel</i>
99-99-9996	1	<i>8 fire hooks 4.5 scba brkts</i>