



Shop Order

Surry Fire Department
741 North Bend Road
PO Box 147
Surry, ME 04684

K&T Fire Equipment Inc
Tom York
PO Box 360
Crystal Road, Route 159, Exit 276, I 95
Island Falls, ME 04747
1 800 675 2848
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Sales Rep:
Tom York
K&T Fire Equipment

Terms:
Body and Equipment COD

Drawing #: FT-11556
Est. Delivery Date: / /
Customer PO #:
Customer #: 1662
QPF #:

Penalty:
None

Exp. Date: 03/14/2022
Quote No: Surry 10030-0045
Job/Order No: 22766
BODY: 00-10-11 Metalfab Pumper - NFPA 05/13

10/31/2025

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PART NO	QTY	DESCRIPTION
== Metalfab Pumper - NFPA 05/13 - 0.000 ==		
Change Order A		
00-05-0040	1	Dealer - K&T Environmental Equipment
00-10-1510	1	Metalfab Pumper
00-20-1000	1	Company Profile
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-1700	1	Hale Pump Warranty - 5 years
00-20-1800	1	Polypropylene Tank Lifetime Warranty
Tank built and supplied by Metalfab		
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-2500	1	Engineering (Proposal) drawing
00-20-3000	1	No Bonding Requested
00-20-3500	1	Certification for Fusion Welding of Steel and Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
GENERAL INFORMATION		
10-11-0000	1	Intent
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

PART NO	QTY	DESCRIPTION
10-11-2100	1	Maximum length not specified
10-11-2200	1	Maximum height not specified
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
10-11-2600	1	Preconstruction Meeting - by K&T
10-11-3000	1	Manuals - two copies Chassis manuals as provided by customer
10-11-3600	1	Delivery - FOB Fire Department - by K&T Metalfab delivers truck to Houlton for K&T pickup (or flatbed to Island Falls) Training for skilled pump operators only
10-11-4100	1	Payment Terms - Body only COD(with customer supplied chassis)
10-20-1400	1	Hose capacity exceeding ULC/NFPA requirements. Add weight of 661 lbs Hose bed shall have the minimum capacity to store the following hose: 200' x 1-3/4" DJ fire hose 1000' x 4" LDH rubber hose 500' x 2-1/2" DJ fire hose Volume of hose bed is calculated at 100 cubic feet.
10-20-2100	1	Equipment carrying capacity - standard NFPA Pumper
		CHASSIS INFORMATION
20-11-0500	1	Customer supplied Chassis - International MV607 242" Wheelbase, 174.9" Cab to axle, 63" rear frame overhang 14,600 lbs front, 30,000lbs rear, 44,600 GVWR Cummins L9 330hp @ 2200 RPM, 1000 lbft @ 1200 RPM, 2200 governed RPM Allison 3000 EVS, 6-speed, Pkg 198 Data Recorder and Electronic stability control Brake lights activate when compression brake activates USB ports on chassis dash Paint code - 2303 red and 9219 winter white ***Chassis cab includes an external sun visor - Customer please note that the brow light will have to be mounted higher to clear visor which will require the light bar to be mounted even higher.
20-11-11AA	1	Chassis dealership - Colwell Diesel Service, Ellesworth, ME Colwell Diesel Service 192 Downeast Highway, PO Box 784, Ellesworth, ME, 04605 Salesman Mike Gallant 207-667-7146
20-11-1600	1	Maine Commercial Vehicle Inspection Dealership or K&T will supply
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
20-21-1560	1	LED Tire Pressure Indicators - Single Axle
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:

PART NO	QTY	DESCRIPTION
		** feet high
		** feet long
		** lbs 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
20-21-3500	1	Rear step warning label
20-21-3810	1	Front mudflaps provided with chassis
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-21-4500	1	Transportation Safety Kit
		Basic First Aid Kit
		Safety Triangle
		2-1/2 pound Fire Extinguisher
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
20-31-1900	1	Chassis cab painted white over red by chassis OEM
20-31-4700	1	Extend front bumper, gravshld with hosewell, cover, and lift and turn latch
		***Bumper to be extended 24" ahead of cab by Metalfab
		The center bumper tray shall have a diamond plate lid. The lid shall be hinged and include a lift and turn latch, rubber seal and held open with a pneumatic shock.
		A hose tray constructed minimum of 1/8" aluminum shall be recessed into the front bumper extension. The tray shall be located in the center of the bumper with a minimum capacity of 100' of 1¾" double jacketed hose with pistol grip nozzle.
		The trashline swivel will be mounted on the left of the hose well storage as shown on the proposal drawing and will require a notch in the cover. Placement of the Q2B siren will be on the right side as shown on the proposal drawing.
		The tow hooks provided with the chassis will be relocated as part of the extension.
		A 12" LED lumabar will be installed adjacent to hose well cover hinge to illuminate hosewell.
20-31-7000	1	Real Wheels SS nut covers, hub caps and high hats - single axle
20-31-7500	1	Standard Metalfab Console in International cab
		Install the following items in console:
		50-11-1400 - Siren control
		Radio Provision for one (1) only Motorola CM300d installed by Fire Department
		Pump shift - 30-51-0500
		Mini tank level display - 70-20-3640
		Storage area with hinged cover and lift and turn latch provided at rear of console.
		Grey Zolatone finish with Black powder coated plates
20-41-0600	1	Intake air shutoff for engine not requested
20-41-1100	1	Transmission programming - Allison WT
20-41-1500	1	Extend exhaust pipe - RS front of rear wheels
		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.
		No special allowance included for a fire hall ventilation system

PART NO	QTY	DESCRIPTION
20-41-1900	1	Battery boost terminals with chassis
20-41-2000	1	Chassis batteries remain in OEM location
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5000	1	Rear Tow Hooks - under body
		*** Flat bar tow hooks under rear step (2)
20-51-0700	1	Master Battery Disconnect included with chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3100	1	Air inlet not requested
20-51-3400	1	Protection valve installed for air operated accessories
20-51-6200	1	120 volt 20 A shore line connection
		Standard 5-20R duplex receptacle, not fused
		To be 12" minimum from the chassis floor
		1. On back wall of chassis cab for battery conditioner 20-51-6600
		2. L1 in the upper portion of the compartment beside USB 20-90-1600
20-51-6600	1	Kussmaul Pump Plus conditioner/compressor
		To be installed behind the console 20-31-7500 and plugged into the shoreline 20-51-6200.
		The compressor will be installed inside the pump house and accessible through a pump house access door. There will be a guard above the compressor if required.
20-51-7102	1	Electric System Manager included with chassis - Diamond Logic
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure on left side pump panel
		To be installed 24" minimum from the ground
20-51-8510	1	Engine compartment light LED
		LED light in engine compartment
		Switched under hood LS due to Diamond Logic so operable with ignition off
20-51-9110	1	Air horns on hood, chassis OEM switch controlled
		To be supplied and installed by Metalfab
		Controls to be lanyard at driver position and push button on dash at officer position as supplied by chassis OEM
20-52-0010	1	Air horn control/actuation on pump operators panel
		Labeled "Air Horn" unless otherwise specified
20-52-1100	1	Red/white dome light (ea) - surface mount
20-52-3000	1	Chassis steering wheel lined up by others
20-52-4013	1	Federal Signal 2 camera system rear/right side, 5.6" monitor
		Federal Signal CAMSET56 camera system with 5.6" color monitor on cab dash.
		There will be a right side camera activated with the turn signal.
		Rear camera is mounted under intermediate rear step
		RS camera mounted on RS cab door under mirror
20-60-0400	1	Chassis wheelbase does not change
20-90-16AA	2	Kussmaul dual USB charging socket with weather cover
		In addition to the International supplied USB connection on the chassis dash:
		1. On pump panel - to be protected from the elements
		2. In the upper portion of the L1 compartment
		Kussmaul 091-219-5-WP

PART NO	QTY	DESCRIPTION
		These are powered from the Battery Saver circuit on the Kussmaul Auto Charge
20-90-1790	1	Akron ELSS XLDC BL19K Brow light Switched in cab (50-11-0900) Can be managed to shed Brow light will have to be raised above the exterior sun visor which will raise the light bar.
		PUMP AND PLUMBING
30-11-5200	1	Hale QFLO Single stage 1000 USGPM
30-12-3300	1	Mechanical seal for Hale QFLO pump
30-15-0102	1	Plumbing - Hale manifold pump TM SS
30-20-1000	1	Valves and controls - top mount panel Innovative Controls top mount valve controls IC part 3001701 with 3040122-XX top mount valve control color label and 3000031-XX-XXXX size B Verbiage Labels Class One TM extrusion to be used
30-20-1002	1	Akron valves specified 8800 series with stainless steel ball
30-20-1600	1	Piping stainless steel - general
30-20-16AA	1	Innovative Controls lift to drain bleeder valves All bleeder valves to be IC lift to drain IC number 3070212
30-20-1700	1	1-1/2" thread specifications - NPSH
30-20-1800	1	2-1/2" thread specifications - NH
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. **** Order with pump
30-21-5590	1	Tank to Pump TM SS 3" w/ check valve manifold pump ***Note TM Control is Innovative brand as per 30-20-1000
30-22-0530	1	Tank Fill valve 2" TM SS ***Note TM Control is Innovative brand as per 30-20-1000
30-31-3505	1	Suction - 5" each side manifold pump
30-31-7200	1	Hale master intake suction valve - electric control *** Suction to be gated is left side. The manual override will be beside the left side suction ***Ordered with pump
30-32-7530	1	Suction - 2-1/2" left side SS, bleeder, Hale manifold pump, at valve
30-41-2030	2	2-1/2" RS discharge TM SS, bleeder, Hale manifold pump ***Note TM Control is Innovative brand as per 30-20-1000
30-41-2530	2	2-1/2" LS discharge TM SS, bleeder, Hale manifold pump ***Note TM Control is Innovative brand as per 30-20-1000
30-43-1530	1	2-1/2" rear discharge TM SS, plumbed 2-1/2", bleeder ***Note TM Control is Innovative brand as per 30-20-1000

PART NO	QTY	DESCRIPTION
		*** Right Side as shown on proposal drawing
30-44-0730	2	1-1/2" speedlay (each) front of pumphouse TM SS, plumbed 2" ***Note TM Control is Innovative brand as per 30-20-1000 >>>Trays to be pull out and removable for reloading hose<<< Tray is 7" wide x 13" high x 75" long
30-44-07BB	1	Extra trays for preload Extra trays to be included same as above pull out and removable for reloading hose (ref 30-44-0730)
30-44-1030	1	1-1/2" front trash line TM SS, plumbed 2", hosewell ***Note TM Control is Innovative brand as per 30-20-1000 100 x 1-3/4" hose and nozzle and stored in front bumper extension compartment (20-31-4700). There shall be auto drain(s) under the front bumper and any additional low spots as required.
30-44-6530	1	Piping for monitor TM SS, plumbed 3", bleeder ***Note TM Control is Innovative brand as per 30-20-1000 Piping to be left of center in area back of transverse panel with piping extended 2" above top of pump house for Akron Hi-Riser 3433 monitor supplied and installed by K&T Discuss at the Pre-construction meeting - Customer to specify maximum height with monitor installed
30-51-0500	1	Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights in cab ***Includes "Throttle Ready" indicator light on Pump operating panel
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift
30-51-6800	1	FRC InControl Governor/Throttle engine display with throttle knob
30-51-7000	2	Suction side relief V/V, manifold pump
30-51-7710	1	Trident Air Primer 2 barrel 2 location One point for main pump prime, one point for preprime
30-51-7720	1	Additional air tank for air primer system An additional air tank is provided to improve air primer capacity
30-51-9100	1	Thermal Relief Valve with warning light ordered w/pump
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	Drain valve for foam system header
30-52-4015	1	Foam System - Hypro FoamPro 1600 Plumbed to both speedlays and front trashline
30-52-9100	1	Foam concentrate label at foam tank fill
30-52-9200	1	Foam System Instruction Plates
30-52-9400	1	NFPA Foam System certification test
		WATER AND FOAM TANKS
40-11-2100	1	Polypropylene water tank (US gallons) Tank built and supplied by Metalfab

PART NO	QTY	DESCRIPTION
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-5100	1	Tank capacity 1250 US Gallons
40-12-4600	1	Foam cell - 20 US gallon
40-21-0500	1	3" tank to pump connection
40-22-0500	1	2" tank fill connection
40-23-0500	1	3/4" water level gauge connection
40-23-1000	1	3/4" foam level gauge connection
40-23-1040	1	4" direct fill connection
40-23-1060	1	10" Newton dump connection
40-30-0400	1	3" plug in sump box
40-30-1000	1	Water Fill Box front left corner
40-31-3500	1	10" rear Newton dump, stainless steel
40-31-5500	1	Electric operator for Newton dump, top mount
40-31-5610	1	Rotating dump chute for Newton dump SS with telechute
40-31-5800	1	Support for rotating dump chute if necessary Engineering to determine if this support is required
40-31-8001	1	4" Storz rear gated fill w/ 4" Storz end cap There will be a 4" Storz to 2.5" female reducer and 2.5" male end plug shipped loose with the completed unit. Refer to 80-10-16AA
ELECTRICAL		
50-11-0450	1	Base electrical system - International Diamond Logic multiplex
50-11-0600	1	Warning Light Certification
50-11-0700	1	Low Voltage Electrical system test
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 in chassis dash ***Rocker switch assignments using International Diamond Logic switches in chassis dash: MASTER -LIGHT BAR RED -LIGHT BAR WHT -REAR BEACONS -FLASHING WARNING -FRONT SCENE -LEFT SCENE -REAR SCENE -RIGHT SCENE -SIREN/HORN (ref 50-11-3500) -Q2B momentary brake switch (Special order from International)
50-11-1400	1	Federal PA300 100 watt siren
50-11-1620	1	Siren speaker, 100 watt, in front bumper - Federal AS124
50-11-2000	1	Federal Q2B mechanical siren - pedestal mount on bumper extension Brake switch (50-11-0900) to be accessible to driver Activation to be foot switch at the driver and officer floor Kill switch supplied on front of console 20-31-7500 and interlock with master warning unless otherwise specified
50-11-2600	1	Siren to be accessible to driver and officer

PART NO	QTY	DESCRIPTION
50-11-3500	1	Horn ring transfer switch Siren control switch for steering wheel horn select or siren
50-11-5905	1	Federal Allegiance Discrete light bar - ALGT61D-NFPA2 Light bar includes clear dome, red and white flashers
50-11-6501	1	Rear Directional Light not requested
50-11-90AA	1	Rear beacons (pr) Federal Pro LED 300 series - blue and red The beacons will be Federal Pro LED Beacon 300TMPC-SB and 300TMPC-SR Mounting location: Blue: Left side Red: Right side
50-12-5033	1	Front LED flashers (pr) - red/white with clear lens Federal QL64C-RW Chassis grille mounted
50-12-5114	1	Rear LED flashers (pr) - red/white with clear lens Federal QL64C-RW Located above tail light modules at rear
50-12-5245	1	Front side LED flashers (pr) - red/white with clear lens Federal QL64C-RW Located in front bumper tails
50-12-5313	1	Body side LED flashers (pr) - red/white with clear lens Federal QL64C-RW Located in rear body fenders
50-21-1500	1	Rear floods (pr) - Unity - Model BG-A-4413 halogen Note that these lights are also used as rear step lights and cannot be managed. Switched in cab and with reverse.
50-21-50CC	2	Akron SceneStar 19k lumens switched at light, mtd rear of cab Switched on light head Up indicator switch to be wired to do not move apparatus when not stored - ref 50-21-5550 Lights can be managed Model ELSS-SLDC-PS-SM2-HC2-SW-UI Note: Standard Push Up Style Pole - Inside and Outside Pole Length - 60" x 11.5"
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light Warning label in cab to read: "Do Not Move Apparatus when Light is on" Light will be located in chassis dash and will be an International supplied light
50-21-5550	1	Equipment rack not stowed warning light Warning label in cab to read: "Do Not Move Apparatus when Light is on" Light will be located in chassis dash and will be an International supplied light
50-21-8001	1	Step lights for body steps - 4" LED Switched with park brake
50-21-8110	1	Step lights for walkway - 4" LED Switched with park brake

PART NO	QTY	DESCRIPTION
50-21-8200	1	Step lights for chassis steps - LED Switched with 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)
50-31-6043	1	Akron Revel LED 14k Lumens - right (pr) To be switched in the cab and the pump panel Can be managed to shed No scene light boxes requested
50-31-6044	1	Akron Revel LED 14k lumens - left (pr) To be switched in the cab and the pump panel Can be managed to shed No scene light boxes requested
50-31-6045	1	Akron Revel LED 14k Lumens - rear (pr) To be switched in the cab,the pump panel and the reverse of the transmission Can be managed to shed No scene light boxes requested
50-31-65AA	1	Hose bed cover lights - 40" Lumabar Included in 60-33-5000
50-31-6600	1	Ground lighting (4" LED) - 2 door chassis Switched with park brake
50-31-6630	1	Ground lighting (4" LED) - top mount body Switched with park brake
50-35-0560	1	VHF antenna with base - commercial chassis To be installed behind the light bar unless otherwise specified. Cable to be coiled in console 20-31-7500
BODY		
60-10-1400	1	Single axle extruded aluminum body
60-10-4100	1	No "beavertail" rear step supports
60-10-4600	1	Painted fender surround
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
60-11-0700	1	Front right side compartments full height
60-11-1000	1	Rear left side compartments full height
60-11-1400	1	Rear right side compartments full height
60-11-2000	2	High side compartment (over 18") each - L2, R2 The left side compartment will have K&T supplied and installed SCBA brackets (qty 4)
60-11-2500	1	Rear compartment at step level
60-11-4510	1	Flush mount aluminum door - double with "D" handle - B1
60-11-5500	2	Rollup door - standard height - L2, R2 Natural aluminum finish

PART NO	QTY	DESCRIPTION
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5520	4	Rollup door - full height - L1, L3, R1, R3 Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5655	2	Amdor pull straps - Flex - HD (for door opening 20"-37") L2, R2 Order with roll up doors
60-11-5660	4	Amdor pull straps - Flex - HD (for door opening 49"-70") L1, L3, R1, R3 Order with roll up doors
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
60-31-5500	1	Steps at rear of body (folding) with LED lights - Right side only Maximum height between steps is 18" Lights to be activated with the application of the park brake
60-31-5600	1	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18" Lights to be activated with the application of the park brake
60-31-5800	1	Intermediate step on rear - full width or as wide as possible Located above rear discharge. Reflective delineation markings to be installed as per NFPA requirement
60-31-6500	1	Compartment matting - black plastic interlocking tile
60-31-7900	1	Vertical unistrut tracking in all compartments (based on six compartments)
60-31-8003	4	BA bottle compartment (ea) - fender well - double tube type with SS door Tubes to include door ajar switches SCBA bottles - Scott 4500 30 minute capacity
60-31-8800	4	Sliding tray (ea) - 600 pound capacity - 70% extension ***Hardware requires 3-1/2" of compartment height White Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Tray 1. L1 Tray 2. L3 Tray 3. R1 Tray 4. R3
60-31-9600	2	Adjustable shelf (ea) with unistruts White Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location Shelf 1: L1 - shallow Shelf 2: L3 - shallow
60-32-3550	1	Two adjustable hose divider (each) with hand holds and one fixed Hand hold required in end There will be two (2) adjustable hose bed dividers supplied and installed and one (1) fixed divider to support the hose bed cover (60-33-5000)

PART NO	QTY	DESCRIPTION
60-32-7500	1	Hose bed - aluminum
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour to match chassis
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0500	1	Paint chassis wheels job colour with silver trim
60-33-1000	1	Paint pump and plumbing job colour
60-33-1500	1	Buffed finish compartment interior
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour Lettering and striping layout drawing approved October 8-2025
60-33-3200	1	Reflective stripe - 1" - 4" -1" white 50% of perimeter each side and 25% of perimeter front 3M Scotchlite Lettering and striping layout drawing approved October 8-2025
60-33-3310	1	Reflective stripe - red and yellow chevron at rear 50% of rear minimum. 3M Scotchlite Lettering and striping layout drawing approved October 8-2025
60-33-3600	1	Reflective stripe - inside entry doors 96 square inches minimum inside each cab entry door
60-33-4620	1	Speedlay end tarps - black
60-33-5000	1	Aluminum cover over hose bed with end tarps - black The hose bed cover doors will be wired to the Door Ajar circuit (50-21-5500)
60-40-5000	1	6" Hose tray - top mount (ea) To be installed on the HLAS rack for K&T supplied 5" Harrington suction hose
60-40-5500	2	Suction hose tube (each) with door For K&T supplied 5" Harrington suction hoses Will have stainless steel trim around the tube openings
60-41-1015	2	Pike Pole tube in suction hose tube For customer supplied pike poles Tube will be 2" diameter unless otherwise specified
60-41-9500	1	Zico Horizontal Ladder Access system Include HLAS-OS optional stop 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. For Alco-Lite ladders supplied and installed by K&T Ladder lengths will be 24' 2-section, 18' roof and 10' Attic
60-41-95AA	1	Zico HLAS switched at right side pump panel
		INSTRUMENTATION
70-11-0000	1	Warning Label on Pump Operator's Panel
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.

PART NO	QTY	DESCRIPTION
70-11-2000	1	<i>Top mount instrument panel</i> 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
70-11-2500	1	<i>Transverse walkway</i>
70-11-2600	1	<i>Tread plate overlay on back of chassis cab</i>
70-11-3100	1	<i>Mansaver bars not requested</i>
70-11-3200	1	<i>Colour coded tags</i>
70-11-3500	1	<i>Compartments in ends of walkway</i> Final dimensions will depend on space available when chassis is received and design is complete. Tread plate doors to have D-handle and folding step mounted as shown in proposal drawing
70-11-4500	1	<i>Diamondback grip type panel hood step right side</i> Reflective delineation markings to be installed as per NFPA requirement
70-11-4600	1	<i>Diamondback grip type panel hood step left side</i> Reflective delineation markings to be installed as per NFPA requirement
70-11-5100	2	<i>Storage at rear top of pump house with top door</i> There will be two (2) doors to allow the installation of the monitor plumbing (30-44-6530). There will be LED lights and plastic interlocking tiles on the compartment floor Doors are hinged at rear of pump house - will require 4 total lift and turn latches
70-11-5500	1	<i>Right side tread plate pump access door</i> No opening dimension less than 18" Door to have lift and turn latch
70-11-5600	1	<i>Left side tread plate pump access door</i> No opening dimension less than 18" Door to have lift and turn latch
70-11-5700	1	<i>Transverse tread plate pump access door</i> No opening dimension less than 18" Door to have lift and turn latches and be completely removable
70-11-7500	1	<i>Heat pan-aluminum</i>
70-11-8000	2	<i>Heater in pump compartment switched on operator pump panel</i>
70-11-82AA	1	<i>Innovative Controls garnish ring bezels for panel intakes and discharges</i> Engineering to supply complete list to purchasing for ordering
70-20-20AA	9	<i>Innovative controls 2-1/2" pressure gauge (ea) 0-400 psi</i> With bezel surround (not color coded)
70-20-2500	1	<i>Trident Primer Control</i>
70-20-2501	1	<i>Additional Primer control</i> Added pre prime control for LS inlet
70-20-3300	1	<i>FRC InControl Governor Control</i> Throttle can be no lower than 42" and no higher than 72" from operator's standing position.

PART NO	QTY	DESCRIPTION
70-20-3500	1	Electric water level gauge on pump panel, Class One
70-20-3610	1	Remote PSTANK water level indicators each side, rear with driver Interlock with park brake so powered only when the park brake is set. One on each side of pump house, one at rear under LS scene light
70-20-3640	1	Mini water level gauge in cab, Class One
70-20-6500	1	Test gauge panel
70-21-1500	1	Electric Foam Level gauge, Class 1 on pump panel
70-21-5500	1	Panel readout for Battery Conditioner on left side pump panel
71-21-4000	1	Microphone compartment This compartment is 7" x 6" x 4" deep. Customer to specify if microphone and cable will not fit in this space Located on Top Mount panel if room permits, otherwise will be mounted below panel in walkway.
71-21-4500	1	Speaker on pump panel
80-10-0000	1	ACCESSORIES - supplied by Metalfab
80-10-15AA	1	Adapter - Kochek S54R - Swivel - 4" Storz x 2-1/2" NH female w/cap Kochek S54R425 with 4" Storz Cap Installed on the front 2-1/2" right side discharge
80-10-16AA	1	Adapter - Kochek S54R - Swivel - 4" Storz x 2-1/2" NH female w/plug Adapter - Kochek S54R425 - Swivel - 4" Storz x 2-1/2" NH female w/2-1/2" CP plug Shipped loose for the rear 4" Storz fill
80-10-20AA	3	CP reducing cap - 2-1/2" NH female x 1-1/2" NPSH male w/cap Trident 01.008.4 (Metalfab #1501259) and Trident 01.005.10 (Metalfab #1500281) Installed on 2-1/2" right side discharge and the rear 2-1/2" discharge. One shipped loose
		ACCESSORIES - supplied by K & T
80-11-0000	1	Below accessories by K & T Fire Equipment
80-11-0001	2	4" Storz x 2 1/2 male nst x 1 1/2" male x 1 1/2" fem.
80-11-0003	1	5" nh fem x 4"Storz
80-11-0005	3	5" x 10" Harrington Light weight suction hose Draft
80-11-0007	1	Rubber mallet .
80-11-0010	1	10' attic ladder ALCO
80-11-0011	1	Akron 3426 , Hi Riser ss , stacked tips extension.
80-11-0012	4	Scba Bracket w/ straps in left compt.over w/o
80-11-0013	2	Zico sac44e wheel chocks
80-11-0014	2	Zico wheel chock holders sqch44h
80-11-0015	1	Alco 18 ' roof ladder
80-14-0018	1	Alco 24' ext ladder
99-99-9901	1	200' x 1 3/4" single jac. green