



## Memorandum

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**TO:** Mayor Dean Kaufert  
Mayor Don Merkes  
Neenah Common Council Members  
Menasha Common Council Members

**FROM:** Al Auxier, Chief

**DATE:** July 31, 2014

**RE:** Purchase of 2013 Demo Aerial from Pierce Manufacturing

Over the last several months, NMFR has been experiencing problems with Quint 32, which is our only aerial truck. Some of the problems, and associated costs, are in a memo attached to this document.

As you may see, our latest problem occurred on Wednesday, 7/30/14, the day after NMFR's last Joint Finance and Personnel Committee meeting. Which is unfortunate timing, as this would have been valuable information to have at our meeting for committee members to review.

The purchase of a new aerial truck to replace Quint 32 is currently in the Capital Improvement Plan (CIP) for both Neenah and Menasha in 2015 and similar to what occurred last year, when we tried to purchase a demo engine, NMFR has become aware of a demo aerial truck Pierce Manufacturing has for sale.

Once again, NMFR has the opportunity to purchase a piece of equipment that will meet all our needs and almost all the specifications that would have been included in a proposal for a new aerial truck in 2015. Pierce Manufacturing has a 2013 demo Dash CF 105' ladder that was built for FDIC this year, and is currently heavily discounted. This unit was originally listed for \$960,000 and is now reduced to \$785,000. It currently has around 15,000 demo miles on it. I am attaching a component list, drawing and picture for this unit.

I am also including information for two and five year lease option that both Cities may want to consider as it may help in future budgeting versus having to pay for the truck immediately. The first payment would not be due till one year after lease commencement.

I sent in information and pictures of our existing Quint 32 for an appraisal and was told the trade in value would be \$40,000.00 to \$50,000.00. This amount could potentially be more for an outright sale but I do not have any real feel for the market on used ladder trucks at this time.

Per Leslie Nile, FAE representative and dealership for Pierce Manufacturing, "One other thing to consider on this is that Pierce is offering a stock special for any stock units delivered before September 30<sup>th</sup>. The truck will include a 2-year bumper-to-bumper warranty. That's actually better than a new truck warranty which is only one year." Stock trucks are always open to other dealers on a first come basis first serve basis. At this time, Leslie is unaware of anyone else actively working on selling this stock vehicle and no one knows that we are actively looking at it either. She will keep us informed of any interest that that may come up. This truck was recently discounted more this week, and since the stock special is a pretty good deal, it is felt interest may increase.

As it stands, moving forward with the purchase of this stock truck, with trading in our existing vehicle (Quint 32), it would cost NMFR \$745,000.00. The cost to each city, per the current budget formula, would be \$444,020.00 for the City of Neenah and \$390,000.00 for the City of Menasha.

I am requesting consideration, and action, on moving forward with having a Special Common Council Meeting in each City to for further discussion, and possible action on purchasing the 2013 Dash CF 105' aerial truck from Pierce Manufacturing to replace NMFR's 1997 Quint/Ladder truck that is currently in our fleet. If there is enough interest from the Cities of Neenah and Menasha Officials, I would ask that we call a Special Meeting, as soon as possible, to discuss this. The opportunity to get a replacement vehicle of this caliber, for the price noted, does not come along very often and I encourage both Councils to act on this as soon possible.

If you have any questions, or need to further explanation of anything, please feel free to contact me.

Thank you for your consideration.

AA/tt



## Memorandum

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**TO:** Mayor Merkes  
Menasha Council Members  
Mayor Kaufert  
Neenah Council Members

**FROM:** Al Auxier, Chief

**DATE:** July 31, 2014

**RE:** Quint 32 Mechanical Issues

During the last few meetings of NMFR's Joint Finance & Personnel Committee, I have been updating our Committee members of the mechanical issues we have been experiencing with our aging fleet of vehicles. In particular, we have been discussing the increasing mechanical issues with Quint 32. Quint 32 is a 1997 Pierce Aerial truck and is the only aerial truck we currently have in our fleet.

The vehicle has experienced different maintenance issues since we've had the vehicle which is something we expect to happen with any vehicle. While not all of the mechanical issues we have been experiencing are listed below, I wanted to give you an idea of some of the frequent issues we have been having, and how they are starting to happen on a more regular basis. These issues are beginning to affect NMFR's operations at and/or during calls.

1. February 13, 2008 - Quint 32 was responding to a call and smoke started coming out from under the passenger side dash. It was found a fuse blew and started an electrical fire. An extra fuse was put into place for future use (when the vehicle was built) but was not labeled. A new breaker was installed but it continued to trip. The extra fuse was removed.
2. April 14, 2008 – Quint 32 had more smoke in the cab. It was taken to Red Power Diesel and it was found the filter on the radio system was the issue and it was removed.
3. April 22, 2008 – As Quint 32 returned to the Station from training, and was backing into the station, audible alarms started. The vehicle was shut down and then it wouldn't start again. There was an issue on the power block with a fuse relay and it was fixed.
4. February 2010 – Quint 32 was approved for corrosion repair work for a total cost of \$17,681.00. As they were performing the corrosion work they found additional areas that needed to be addressed. These areas were not visible when they gave the original quote as you could not see them until they

started removing items they were repairing. The Joint Finance & Personnel Committee approved spending an additional \$7,670.00 to fix these additional items.

5. September 2010 – Quint 32 had rear suspension issues. The rear suspension had to be re-built. Total cost was \$5,500.00.
6. April 10, 2012 - We were dispatched for a structure fire 540 Discovery Drive in the City of Neenah. (Futek fire). Upon arrival, they were not able to get the pump to work right away. They shut down the vehicle and started troubleshooting shooting what may be causing the issue. They started the vehicle back up and we were able to get it to pump. They were not able to figure out why it wouldn't pump the first time they tried as they couldn't re-create the problem.
7. October 2012 – Quint 32 had more corrosion repair work on the cabinet doors for \$2,996.00.
8. July 1, 2013 – The cab of Quint 32 started on fire while personnel were performing routine maintenance checks. This happened when they went to raise the ladder. They were able to shut the vehicle down and put the fire out. However, there were quite a few burned wires that had to be replaced. It was found Baycom wired some of the wires incorrectly when installing the new radio and was what caused the fire. Baycom did pay for all repairs that needed to be made.
9. January 27, 2014 – Quint 32 was leaving a call and it wouldn't shift properly and had loss of power. The mechanic did trouble shoot the vehicle but they were not able to re-create the issue or find anything wrong. They started the vehicle up again and it was running without any issues.
10. January 28, 2014 – Quint 32 was at Theda Clark for a call. When driving over the Oak Street Bridge, on the way back to the station, they lost power to the vehicle. The vehicle stopped on the bridge and started rolling back down the bridge. The driver was able to get the vehicle to stop but it was stalled at the bottom of the bridge. It had to be towed to Station 35 and then eventually to Red Power for transmission repair. Total cost was \$11,683.00.
11. February 2014 – Quint 32 was sent for corrosion repair that was on the compartment doors, hinges, window frames and fenders. This was an unforeseen repair; however, it was not something we could put off until 2015. The total cost was \$12,620.00.
12. June 29, 2014 – Quint 32 was responding to the Broad Street fire in the City of Menasha. The vehicle had a loss of power one block from the fire scene and the vehicle shut down. The driver was able to coast to the side and the firefighters ran one block, with 80 lbs. of turn out gear on, to the scene of the fire to start fire ground operations. An off duty Shift Mechanic was called in to trouble shoot what the issue may be. He was able to start it up and drive it back to Station 35. While he was working on the vehicle we had another structure fire call in the City of Menasha. Engine 31 and Appleton Fire Department responded to this call as the other personnel were still at the Broad Street Fire. It should be noted there was a third structure fire call that we were dispatched to that same night. This one was in the City of Neenah. The mechanic couldn't re-create the issue so Red Power Diesel was called the next day. They came to Station 35 and replaced the throttle position sensor on the vehicle. The total cost for this repair was \$639.60.
13. July 23, 2014 – Quint 32 finished training, fueled the vehicle and as they were travelling down Tullar Road there were audible alarms and the motor was chugging so they pulled over. The Shift Mechanic was not able to fix the issue. Red Power Diesel was called and they were able to diagnosis the issue and had to fix it on the side of the road as the vehicle couldn't be driven. The foot pedal for the throttle control didn't work. They were able to replace the wires from the computer to the throttle. Quint 32 was out of service, sitting on Tullar Road, for four hours while Red Power Diesel fixed it. It is felt this issue stems from one of the two electrical fires this vehicle has had. Total repair cost was \$306.15.

14. July 30, 2014 – Quint 32 was on their way to perform a tank inspection when the engine brake light continued to go on and off and the truck was surging. The driver put the vehicle into neutral and it started to revving higher and surge more. The vehicle was shut down. An off duty Shift Mechanic was called in to trouble shoot the issue. The vehicle was towed to Station 35 as the mechanic couldn't locate the exact problem. Red Power Diesel was called to Station 35 to try to figure out the issue. They found wire harness wiring that needed to be replaced. The vehicle was out of service for five hours. Total cost was \$351.85.

Item #11 was an unforeseen expense in 2014. NMFR's Joint Finance & Personnel Committee recommend both Common Council's approve this expense, funding it through our 2014 Maintenance of Motor Vehicles budget, with the understanding this may cause an issue with being over budget if we experienced mechanical issues with our vehicles. When putting together our Maintenance of Motor Vehicles budget line item for 2014, it was estimated we would need \$40,000.00 for the year. So far this year (as of mid-July), we have spent \$57,821.16. The estimated service expenses for the last two repairs for Quint 32 are \$658.00. This doesn't include the towing bill from yesterday. These expenditures have increased our maintenance of motor vehicles budget line item to \$58,479.16, which is \$18,479.16 over budget.

Quint 32 was originally scheduled for replacement three years ago. As you can see in 2014, repairs and work needed on Quint 32 have increased and this will probably continue to be the case as we move forward into 2015 and beyond. I am asking for consideration, and discussion, to allow NMFR to purchase a new aerial truck in 2015 so that problems arising on the way to an incident or emergency situation do not continue to occur.

Thank you for your consideration.

AA/tt



July 31, 2014

SALES ORGANIZATION: FAE - Leslie Niles  
 LESSEE: Neenah-Menasha FD  
 TYPE OF EQUIPMENT: (1) Pierce Dash CF PUC 105' HDL stock #25950  
 EQUIPMENT COST: \$785,000.00  
 CUSTOMER DOWNPAYMENT: \$0.00  
 TRADE-IN: \$0.00  
 DELIVERY TIME: Standard  
 PAYMENT MODE: Annual in arrears  
 FIRST PAYMENT DUE DATE: 1 year after Lease Commencement  
 LEASE COMMENCEMENT DATE: Upon contract signing with Pierce

Term	Number of Payments	Payment Amount	Rate**
2 years	2 annual	\$404,669.47	2.06%
5 years	5 annual	\$169,552.91	2.62%

There are no closing costs or documentation fees associated with the completion of this financing.

**\*\*NOTE:** All lease documents must be fully executed within 14 days of the date of this proposal. Failure to receive completed documents may alter the final payment schedule due to changes in rates and/or discounts.

**PERFORMANCE BOND:** To utilize the prepay program, a performance bond is required. The cost for this performance bond shall be the responsibility of Lessee with payments made directly to Pierce Manufacturing or financed by Oshkosh Capital as part of the transaction.

**TYPE OF FINANCING:** Tax-exempt Lease Purchase Agreement with a \$1.00 buy out option at end of lease term. Said agreement shall be a net lease arrangement whereby lessee is responsible for all costs of operation, maintenance, insurance, and taxes.

**BANK QUALIFICATION:** This proposal assumes that the lessee will not be issuing more than \$10 million in tax-exempt debt this calendar year. Furthermore, it is assumed that the lessee will designate this issue as a qualified tax-exempt obligation per the tax act of 1986.

**LEGAL TITLE:** Legal title to the equipment during the lease term shall vest in the lessee, with Oshkosh Capital perfecting a first security interest

**AUTHORIZED SIGNORS:** The lessee's governing board shall provide Oshkosh Capital with its resolution or ordinance authorizing this agreement and shall designate the individual(s) to execute all necessary documents used therein.

**LEGAL OPINION:** The lessee's counsel shall furnish Oshkosh Capital with an opinion covering this transaction and the documents used herein. This opinion shall be in a form and substance satisfactory to Oshkosh Capital.

**VOLUNTEER FIRE DEPARTMENTS:** If Lessee is a Volunteer Fire Department, a public hearing under the requirements of Section 147(f) of the Internal Revenue Code of 1986 shall be conducted to authorize this transaction. It is recommended that a notice of the public hearing be published 10 to 14 days in advance of the public hearing.

This proposal will be valid for fourteen (14) days from the above date and is subject to final credit approval by Oshkosh Capital and approval of the lease documents in Oshkosh Capital's sole discretion. To render a credit decision, lessee shall provide Oshkosh Capital with their most recent two years' audited financial statements, copy of their most recent interim financial statement, and current budget.

Accepted by:

Proposal submitted by:

\_\_\_\_\_  
Lessee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michele Zitko







## Proposal Option List

7/30/2014

<b>Customer:</b>	Pierce Field Unit (original)	<b>Bid Number:</b>	394
<b>Representative:</b>	Smits, Tom	<b>Job Number:</b>	25950
<b>Organization:</b>	Pierce Manufacturing Inc	<b>Bid Date:</b>	04-30-2012
<b>Requirements Manager:</b>	Straka, Shena	<b>Stock Number:</b>	25950
<b>Description:</b>	Dash CF 105' HDL Aerial	<b>DBVersion:</b>	02.00.0532.0000
<b>Body:</b>	Aerial, HD Ladder 105', PUC, Alum Body		
<b>Chassis:</b>	Dash CF Chassis, Aerials, Tandem 48K, PUC (Big Block)		

Line	Option	Type	Option Description	Qty
1	0584456		Manufacture Location: Appleton, Wisconsin	1
2	0584452		RFP Location: Appleton, Wisconsin	1
3	0588609		Vehicle Destination, US	1
4	0581860		Boiler Plates, Aerial 105' HD Ladder, USE OPTION 658310	1
5	0018180		Single Source Compliance (Aerials)	1
6	0533316		Comply NFPA 1901 Changes Effective Jan 1, 2009, With Exceptions	1
7	0533351		Quint Fire Apparatus	1
8	0588612		Vehicle Certification, Aerial w/Pump	1
9	0681278		Agency, Apparatus Certification, Aerial w/Pump, U.L.	1
10	0012771		Stock/Demo No Fire Department	1
11	0536644		Customer Service Website	1
12	0537375		Unit of Measure, US Gallons	1
13	0529326		Bid Bond, 10%, Pierce Built Chassis	1
14	0540326		Performance Bond, Not Requested	1
15	0000007		Approval Drawing	1
16	0002928		Electrical Diagrams	1
17	0689667	SP	Dash CF Chassis, Aerials, Tandem 48K, PUC (Big Block)	1
18	0021007		Maximum Overall Height Size - 11'-3"	1
19	0021010		Maximum Overall Length Size - 43'-1" Feet	1
20	0000110		Wheelbase Wheelbase - 259.00" INCHES	1
21	0000070		GVW Rating GVW rating - 76,800#	1
22	0000203		Frame Rails, 13.38 x 3.50 x .375, Qtm/AXT/Imp/Vel/Dash CF	1
23	0060637		Frame Liner, Inv "L" 12.68" x 3.00" x .25", AXT/Vel/Imp, Full Length	1
24	0508849		Axle, Front, Oshkosh TAK-4, Non Drive, 22,800 lb, Imp/Vel	1
25	0051595		Suspension, Front TAK-4, 22,800 lb, 3" Jounce, AXT/Vel/Imp/DCF	1
26	0087572		Shock Absorbers, KONI, on TAK-4 Qtm/AXT/Imp/Vel/DCF/Enf	1
27	0000322		Oil Seals, Front Axle	1
28	0667973		Tires, Front, Michelin, XZA, 365/70R22.50, 20 ply, Fire Service Load Rating	1
29	0668004		Wheels, Front, Alcoa, 22.50" x 10.50", Aluminum, Hub Pilot, 365/70R Tire	1
30	0530480		Axle, Rear, Meritor RT52-185, 54,000 lb, Imp/Vel/Dash CF	1
31	0545719		Top Speed of Vehicle, Non-NFPA Compliant Top Speed of Vehicle - 65	1
32	0555354		Suspen, Rear, Hendrickson FMX 542 EX, Air Ride, 54,000 lb	1
33	0000485		Oil Seals, Rear Axle	1
34	0070729		Tires, Rear, Michelin, XDN2, 12R22.50, 16 ply, Tandem	1
35	0019639		Wheels, Rear, Alcoa, 22.50" x 8.25", Aluminum, Hub Pilot, Tandem	1
36	0568081		Tire Balancing, Counteract Beads	1
37	0545391		Tire Pressure Monitoring Valve Cap Qty, Tire Pressure Ind - 10	1
38	0003245		Axle Hub Covers w/center hole, S/S, Front Axle	1
39	0013241		Axle Hub Covers, Rear, S/S High Hat (Tandem)	1
40	0002045		Mud Flaps, w/logo front & rear	1
41	0544802		Chocks, Wheel, SAC-44-E, Folding Qty, Pair - 01	1
42	0544806		Mounting Brackets, Chocks, SAC-44-E, Folding, Horizontal Location, Wheel chock - underneath P4	1

Line	Option	Type	Option Description	Qty
42			Qty, Pair - 01	
43	0010673		ABS Wabco Brake System, Tandem rear axle	1
44	0030185		Brakes, Knorr/Bendix 17", Disc, Front, TAK-4	1
45	0000730		Brakes, Meritor, Cam, Rear, 16.50 x 7.00"	1
46	0058463		Air Compressor, Brake, Bendix 15.8 CFM	1
47	0000789		Brake Reservoirs, Five	1
48	0568012		Air Dryer, Wabco System Saver 1200, 2010	1
49	0000790		Brake Lines, Nylon	1
50	0000854		Air Inlet, w/Disconnect Coupling Location, Air Coupling(s) - a) DS Step Well Qty, Air Coupling (s) - 1	1
51	0070810		All Wheel Lockup (Aerial/Tanker Chassis)	1
52	0666584		Engine, DDC DD13, 500 hp, 1650 ft-lb, W/OBD, EPA 2013, W/REPTO, Dash CF	1
53	0678767		Filter Location, DD13 w/Repto Engine, Dash CF	1
54	0001244		High Idle w/Electronic Engine, Custom	1
55	0590300		Engine Brake, Jacobs Compression Brake, DD13 Switch, Engine Brake - f) DD13	1
56	0693247		Fan, Hydraulic Drive, Dash CF	1
57	0695216		Air Intake, w/Ember Separator, Dash CF	1
58	0565965		Exhaust System, 5", 2010 DD13, ISX engine, Horizontal, Officer Side	1
59	0695621		Radiator, Dash CF	1
60	0001090		Cooling Hoses, Rubber	1
61	0001125		Fuel Tank, 65 Gallon, Left Side Fill	1
62	0001129		Lines, Fuel	1
63	0595087		DEF Tank, 4.5 Gallon, DS Fill, Forward of Rear Axle, DD13, ISL9, ISX	1
64	0552777		Fuel Pump for Repriming	1
65	0552567		Shutoff Valve, Fuel Line @ Fuel Tank	1
66	0553019		Cooler, Engine Fuel, Imp/Vel, AXT, Qtrm, Saber, Dash CF	1
67	0551837		Trans, Allison Gen IV 4000 EVS P, Imp/Vel/Vel SLT/Dash CF With Prognostics	1
68	0510876		Transmission, Shifter, 6-Spd, Push Button Trans, ratio - 4000 EVS, 6Spd	1
69	0517604		Transmission Programming, Park to Neutral, PUC	1
70	0684459		Transmission Oil Cooler, Modline, External	1
71	0001375		Driveline, Spicer 1810	1
72	0669988		Steering, Sheppard M110 w/Tilt, TAK-4, Eaton Pump, w/Cooler	1
73	0001544		Not Required, Steering assist cylinder on front axle	1
74	0509230		Steering Wheel, 4 Spoke without Controls	1
75	0550144		Logo/Emblem, on Horn Button Text, Row One - . Text, Row Two - . Text, Row Three - .	1
76	0665978		Bumper, 19" Extended, Under Slung, Recessed Crosslays/Trays, AXT/Saber/SFR/DCF/E	1
77	0510226		Lift & Tow Package, Imp/Vel, AXT, Dash CF	1
78	0522573		No Tow Hooks Required, Due to Lift and Tow package	1
79	0012225		Gravel Pan, Extended Bumper	1
80	0665813		Cover, Alum Treadplate, Two (2) D-Ring Latches, Recessed Crosslay	1
81	0689636	SP	Cab, Dash CF, 7011 Raised Roof w/ Notch, PUC	1
82	0684776		Engine Tunnel, DD13, Dash CF	1
83	0677478		Rear Wall, Exterior, Cab, Aluminum Treadplate	1
84	0695978		Cab Lift, Elec/Hyd, w/Manual Override, Dash CF	1
85	0695930		Grille, Bright Finished, Front of Cab, Dash CF/Enforcer	1
86	0032508		Trim, s/s band across cab face Material Trim/Scuffplate - e) S/S, Patterned	1
87	0087357		Molding, Chrome on Side of Cab	1
88	0521669		Mirrors, Retractable, West Coast Style, Htd/Rmt, w/Htd/Rmt Convex	1
89	0695996		Door, Half-Height, Dash CF Cab, Raised Roof	1
90	0695425		Storage Pockets w/ Elastic Cover, Recessed, Dash CF	1
91	0695990		Controls, Electric Roll-Up Windows, 4dr, 4 Driver Controls, Dash CF	1
92	0695976		Steps, 4-Door Cab, Dash CF	1
93	0674526		Lights, Cab & Crew Cab Access Steps, LED, Recessed, 1 Lt, Per Step, Dash CF	1

Line	Option	Type	Option Description	Qty
94	0005772		Fenders, S/S on cab, w/Radius corner, 2.00" wide	1
95	0695725		Window, Side of C/C, Fixed, Dash CF	1
96	0695218		Not Required, Windows, Front of raised roof, Dash CF	1
97	0694506		Not Required, Windows Rear of Crew Cab, Dash CF	1
98	0657922	SP	Install Ironslok Mount, PAC Model K5003, Each, Location, 25950 ONLY Location - top of engine tunnel, towards front of truck. Qty, - 01	1
99	0695940		Compt, Storage, (1) Each Side Crew Cab, Under Floor, Dash CF	1
100	0693311		Cab Interior, Metal, Imperial 1200 Headliner, Dash CF Color, Cab interior Vinyl/Fabric - h) Gray/Black	1
101	0696028		Cab Interior, paint color, Dash CF Color, Cab Interior Paint - l) fire smoke gray	1
102	0509532		Floor, Rubber Padded Cab & Crew Cab, Imp/Vel, Dash CF	1
103	0695989		Heater/defroster, Dual Zone Control, Dash CF	1
104	0689648	SP	Air Conditioning, Dash CF, Dual Zone Control, Aerial	1
105	0695363		Grab Handles, Driver, Officer and Crew Cab Door Posts, Dash CF	1
106	0674790		Light, Engine Compt, Dash CF, 2lts	1
107	0696003		Fluid Check Access, Dash CF	1
108	0694722		Map box, 4 bin, Dash CF Location, Map Box, Dash CF -	1
109	0583041		Side Roll Protection	1
110	0000109		Seating Capacity, Cab Qty, - 04	4
111	0692898		Seat, Driver, Pierce PS6, Premium, Safety, Air Ride Hi-Back, Dash CF	1
112	0692887		Seat, Officer, Pierce PS6, Premium, Safety, Air Ride, SCBA, Dash CF	1
113	0695918		Radio Compt, Center Console, Dash CF	1
114	0695761		Not Required, Seat, Forward Facing Front, Center	1
115	0658010	SP	Cabinet, EMS, Rear Facing, DS, 26 W x 14 H x 19 D, Web Netting, Dash CF	1
116	0658009	SP	Cabinet, EMS, Rear Facing, PS, 26 W x 14 H x 19 D, Web Netting, Dash CF	1
117	0695278		Seat, Fwd Facing C/C, DS Outbrd, Pierce PS6, Base Safety, Foldup, SCBA Recessed, DCF	1
118	0684692		Cabinet, EMS, Fwd Fcng, Ctr, Top of Eng Tunnel, 26.50W x 27.50H x 14D, Dash CF Door, EMS Cabinet - Gortite Roll Up Dr, no lock Light, Short EMS Compt - Pierce, Both Sides	1
119	0695267		Seat, Fwd Facing C/C, PS Outbrd, Pierce PS6, Base Safety, Foldup, SCBA Recessed, DCF	1
120	0658012	SP	Compartment, Storage, 28 W x 11.50 H x 18.50 D, Open Top, DS and PS, DCF	1
121	0511300		Upholstery, Seats In Cab, All Imperial 1200, Pierce PS6 Color, Cab Interior Vinyl/Fabric - h) Gray/Black	1
122	0543991		Bracket, Air Bottle, Hands-Free II, Cab Seats Qty, - 03	3
123	0675856		Add Arm Rest, Officer Seat, Dash CF Location, Arm Rest - Inboard	1
124	0675859		Add Arm Rest, Driver Seat, Dash CF Location, Arm Rest - Inboard	1
125	0553393		Seat Belt Height Adjustment, Imp/Vel, Dash CF Qty, - 04	4
126	0547293		Seat Belts, Red	1
127	0542388		Seat Belt Monitoring System	1
128	0543917		Helmet Storage, Provided by Fire Department	1
129	0509978		Lights, Dome, Weldon, LED, Two (2) Lights, Dual Light and Lens	1
130	0509983		Lights, Dome CC, (4) Weldon, 8081-8000-13, LED, Red/Clear, Gry Bezel	1
131	0555813		Handlights, (4) Streamlight, Fire Vulcan, 44451, C4 LED, Tail Lts, 12v, Orange Location, lights - one next to driver and officer seat, one each side of front engine tunnel.	1
132	0568369		Cab Instruments, Ivory Gauges, Chrome Bezels, Impel/Velocity 2010, Dash CF	1
133	0509511		Air Restriction Indicator, Imp/Vel, AXT, Dash CF	1
134	0543751		Light, Do Not Move Apparatus Alarm, Do Not Move Truck - Pulsing Alarm	1
135	0509042		Messages, Open Door/Do Not Move Truck, Imp/Vel, Vel SLT, AXT, Dash CF	1
136	0551600		Switching, Cab, Rocker MUX, Impel/Velocity, AXT MUX, Dash CF Location, Emerg Sw Pnl - Driver's Side Overhead	1

Line	Option	Type	Option Description	Qty
137	0555915		Wiper Control, 2-Speed with Intermittent, Impel/Velocity, Dash CF	1
138	0002565		Hourmeter, Aerial Inside Cab	1
139	0002615		Switch, Aerial 12V Master	1
140	0002617		PTO switch, w/light - aerial	1
141	0548004		Wiring, Spare, 15 A 12V DC 1st Qty, - 02 12vdc power from - Battery direct Wire termination - p) 15 amp power point plug Location - in cab between driver and officers seats.	2
142	0692837		Computer Mount, Universal, Swivel & Tilt, Floor Mtd USE 635910 12vdc power from - Battery direct	1
143	0087852		Vehicle Information Center, 7" Color Display, MUX	1
144	0543930		Vehicle Data Recorder, Dual Module	1
145	0681408		Hangers For Headsets, NFPA, Each Location - from ceiling, inboard each seating position in cab and crew cab. Qty, - 04	4
146	0022853		Antenna, Mount Only, For 2-way Radio Std, DO NOT USE AFTER 3/14/12 Color, Antenna - Device, Cellular Make & Model - * Device, GPS Make & Model - * Device, WiFi - *	1
147	0509967		Pierce Command Zone, Advanced Electronics and Control System	1
148	0687336		Electrical System, Dash CF	1
149	0079211		Batteries, (6) Exide Grp 31, 950 CCA each, Threaded Stud	1
150	0008621		Battery System, Single Start, All Custom Chassis	1
151	0696026		Battery Compartment, Dash CF	1
152	0531307		Charger, Sngl Sys, Dual Bank, Dual Pro Charger	1
153	0695064		Location, Charger, Under Center Console Area, Dash CF	1
154	0531403		Location, Battery Charger Indicator, Driver's Seat with Bracket	1
155	0016857		Shoreline, 20A 120V, Kussmaul Auto Eject, "Super" 091-55-20-120 Color, Kussmaul Cover - b) red Connection, Shoreline - battery charger Qty, Shoreline - 1	1
156	0026800		Shoreline Location Location, Shoreline (s) - 25) DS Cab Side	1
157	0566294		Alternator, 430 amp, Niehoff C680-1	1
158	0092582		Load Manager/Sequencer, MUX Enable/Disable Hi-Idle - d)High Idle disable	1
159	0686659		Cab Lighting, P25 LED, Dash CF	1
160	0511569		Lights, Identification/Clearance, Rear, P25, LED	1
161	0514453		Light, Marker End Outline, Rubber Arm, LED Marker Lamp Location, lights - rear of body, one each side. Qty, Lights, Pair - 1	1
162	0568326		Lights, Tail, Whelen M6BTT Red LED Stop/Tail, M6T Amber LED,w/ P25,For Lt Hsg Color, Lens -	1
163	0551875		Lights, Backup, Whelen M6BUW, LED	1
164	0556853		Bezels, Whelen, (2) M6 Chrome Pierce, For Mtg (3) Whelen M6 Lts	1
165	0589905		Alarm, Back-up Warning, PRECO 1040	1
166	0515836		Light, Marker, P25 LED, Four (4) pair in Rub Rails Location - two lights under D1, D4, P1, P4, one each corner below compartment in rub rail.	1
167	0090531		Light, Marker, Truck-Lite, 35200, LED, Recessed, Qty Feature, Feature Location Location - front and rear of running board, each side of truck. Qty, Lights - 04	4
168	0521285		Light, Directional/Marker, Intermediate Light, Truck-Lite Model 60115Y LED	1
169	0693287		Lights, Truck-Lite 44308C, LED Grommet Mt, Cab Perimeter 4 Dr	1
170	0689365		Lights, Perimeter Scene, (2) Truck-Lite 44308C LED Rr,(2) Whelen 70K000CD HAL PP Switch, Location, Perim - Parking brake Control, Perimeter Lts -	1
171	0556360		Lights, Step, P25 LED 4lts	1

Line	Option	Type	Option Description	Qty
172	0679615		Bracket, Alum. Trdplate, 12V Surface Mounted Flood Lights, Compt Top, Each Location - one box above compartments D2, D5, P2, P5 Qty, - 04	4
173	0589802		Light, Whelen, 12V PFP2 Pioneer LED Floodlt, Recessed 15 Deg 1st Location, lights - recessed in aluminum boxes above D2 & D5 Qty, - 02 Switch, Lt Control 1 DC,1 - f) PS Switch Panel Switch, Lt Control 2 DC,2 - f) Pump Operator's Panel Switch, Lt Control 3 DC,3 - d) No Control Switch, Lt Control 4 DC,4 - d) No Control Color, Wln Lt Housing -	2
174	0589799		Light, Whelen, 12V PFP2 Pioneer LED Floodlt, Recessed 15 Deg 2nd Location, lights - recessed in 4-way aluminum boxes, above compartments P2, P5 Qty, - 02 Switch, Lt Control 1 DC,1 - f) PS Switch Panel Switch, Lt Control 2 DC,2 - f) Pump Operator's Panel Switch, Lt Control 3 DC,3 - d) No Control Switch, Lt Control 4 DC,4 - d) No Control Color, Wln Lt Housing -	2
175	0005956		Lights, Deck, Unity (2) AG, Rear, Aerial	1
176	0552526		Aerial, HD Ladder 105', PUC, Alum Body	1
177	0554269		Body Skirt Height, 18"	1
178	0552511		Tank, Water, 500 Gallon, Poly, PAL, PUC	1
179	0003405		Overflow, 4" Water Tank, Poly	1
180	0028107		Not Required, Foam Cell Modification	1
181	0553729		Not Required, Restraint, Water Tank, Heavy Duty	1
182	0003429		No Direct Tank Fill Req'd	1
183	0593661		Hose Bed, Alum Const, PS Chute Only (PAL, 85 PAP), Smooth Aluminum Door	1
184	0003492		Hose Bed Capacity, Special Amount, PAP/PAL Capacity, Hosebed - 750' of 5.00" DJP hose	1
185	0083488		Divider, Hose Bed, .25" Unpainted Qty, Hosebed Dividers - 1	1
186	0591017		Hose Restraint, Hosebed, Aerial, Front Velcro Strap, Top	1
187	0532261		Runningboard, PUC, Aerials	1
188	0048275		Turntable Steps-Morton Cass, Swing Down, DS & PS, PAL/PAP	1
189	0554004		Lights, Step (6), P25 LED, Swing Down Access Steps, Each Side	1
190	0690023		Wall, Rear, Smooth Aluminum	1
191	0029503		Tow Eyes (2) (Aerial)	1
192	0013641		Construction, Compt, Alum, PAL, 85 PAP	1
193	0063693		Compt, DS F/H, Roll Drs, 105 HDL, 85 PAP, 100 HAL	1
194	0063727		Compt, DS Turntable, F/H F/D, Roll Dr & Lift Dr, 105 HDL, 85 PAP	1
195	0023672		Compt, IPO Stairs, Not Required, DS	1
196	0063733		Compt, PS F/H, Roll Drs, 105 HDL, 85 PAP, 100 HAL	1
197	0035382		Compt, PS Turntable, F/H, Roll Dr & Lift Dr, 105 HDL, 85 PAP	1
198	0023673		Compt, IPO Stairs, Not Required, PS	1
199	0693025		Doors, Gortite, Roll-up, Side Compartments Qty, Door Accessory - 08 Color,Gortite,Roll-upDoor - Painted Latch, Gortite, Roll-up - Non-locking Liftbar	8
200	0018820		Bumper, Rear, 5" w/Treadplate Cover, PAP/PAL/RMAP	1
201	0019845		Guard, Drip Pan, S/S, Roll-up Door Qty, Door Accessory - 08	8
202	0689545		Lights, Compt, Pierce LED, Single Light Strip, NFPA 2009 Minimum Location - compartments D1, D2, D3, D4, D6, R1, P1, P2, P3, P4, P6 Qty, - 11	11
203	0687146		Shelf Tracks, Painted Qty, Shelf Track - 04 location - Compartments D1, D4, P1, P4	4
204	0687112		Shelves, Adjustable, 500 lb Capacity, Full Width/Depth, Painted Qty, Shelf - 05	5

Line	Option	Type	Option Description	Qty
204			Location, Shelf - Four shelves D1, D3, D4 Upper, P1 Upper, P4 Upper.	
205	0019865		Tray, 500 lb Slide-out, 2" Sides Full Width/Depth- Floor Mounted Location - compartments D1, D4, P1, P4 Qty, Tray (slide-out) - 04	4
206	0050308		Rear of Body, Smooth Aluminum Sheet	1
207	0004016		Rub Rail, Aluminum Extruded, Side of Body	1
208	0004027		Fender Crowns, Rear, S/S, Two Pair	1
209	0519849		Not Required, Hose, Hard Suction	1
210	0022041		No Handrails Req'd @ Side Pump Panel, No Pump Module	1
211	0004210		Compt, Air Bottle in Fender Panel Location, Bracket/comp. - recessed in body fender panel - three on the DS, four on the PS Qty, Air Bottle Comp - 7	7
212	0004218		Ladder, 35' Duo-Safety 1200A 2-Sect Qty, - 1	1
213	0010406		Ladder, 28' Duo-Safety 1200A 2-Sect Qty, - 1	1
214	0024232		Ladder, 16' Duo-Safety 875A Roof Qty, - 1	1
215	0014232		Ladder, 20' Duo-Safety 875A Roof Qty, - 1	1
216	0004233		Ladder, 14' Duo-Safety Fresno 701 Qty, - 1	1
217	0004246		Ladder, 10' Duo-Safety Folding 585A Qty, - 1	1
218	0042207		Ladders Stored in Torque Box, Gortite Roll, (ML, HL, PAP) Color, Gortite, Roll-up Door - Satin finish	1
219	0504485		Pike Pole, 12' Akron, Fiberglass, I Beam Qty, - 02	2
220	0504484		Pike Pole, 8' Akron, Fiberglass, I Beam, Aerial Qty, - 02	2
221	0504483		Pole, Pike 6' Akron, Fiberglass, I Beam, Aerial Qty, - 02	2
222	0014343		Not Required, Pole, Pike, 3'	1
223	0024388		No Steps Required, Front Of Body	1
224	0692213		Pump, Pierce, 1500 Single Stage, Dash CF PUC	1
225	0515822		Mechanical Seals, Silicon Carbide	1
226	0091446		Pump Setup Charges N/A	1
227	0515705		Gearcase, Pierce Pump, REPTO-Clutch Drive	1
228	0521309		Pumping Mode, Pump and Roll/Stationary, Basic, PUC	1
229	0515829		Pump Shift, Sure-Shift	1
230	0515833		Transmission Lock-up, Not Req'd, Park to Neutral, Pump, PUC	1
231	0515835		Auxiliary Cooling System, PUC	1
232	0014486		(No Transfer Valve Required on 1 Stage Pump)	1
233	0013050		Valve, Relief Intake, Akron	1
234	0515838		Controller, Pressure, Pierce, PUC	1
235	0516742		Primer, Pierce, for PUC	1
236	0516694		Manuals, Pump (2), CD, Pierce Pump	1
237	0519952		Plumbing, Stainless Steel & Hose, PUC	1
238	0089437		Plumbing without Foam System	1
239	0517852		Inlets, 6.00" - 1500 GPM, Pierce Pump	1
240	0004646		Cap, Long Handle Pump Inlet, NST - VLH	1
241	0084610		Valves, Akron 8000 series- All	1
242	0004660		Inlet, LH Side, 2.50" Gated	1
243	0029147		No Auxiliary Inlet Required on RH Side	1
244	0520002		Valve, Inlet(s) Recessed, Side Cntrl, PUC Qty, inlets - 1	1
245	0004700		Control, Inlet, at Valve	1
246	0092569		No Rear Inlet (Large Dia) Requested	1
247	0092696		No Rear Suction Cap	1
248	0064116		No Rear Inlet Actuation Required	1

Line	Option	Type	Option Description	Qty
249	0009648		No Rear Intake Relief Valve Req'd	1
250	0092568		No Rear Auxiliary Inlet Requested	1
251	0563738		Valve, .75 Bleeder, Aux. Side Inlet, Swing Handle	1
252	0687424		Tank to Pump, (1) 3.00" Valve, 4.00" Plumbing, 3.00" Tank Outlet, Aerial PUC	1
253	0595508		Outlet, 1.50" Tank Fill, PUC	1
254	0516755		Outlets, Left Side, 2.50" (2), PUC	1
255	0092570		Not Required, Outlets, Left Side Additional	1
256	0556669		Outlet(s), RH Side, 2.50", (1), Electric Control, PUC	1
257	0556677		Outlet, 4.00" w/4.00" Akron Valve, Right, Electric, PUC	1
258	0092572		Not Required, Outlet, Front	1
259	0092575		Not Required, Outlet, Rear	1
260	0092574		Not Required, Outlet, Rear, Additional	1
261	0092573		Not Required, Outlet, Hosebed/Running Board Tray	1
262	0085076		Caps for 1.50" - 3.00" Discharges - VLH	1
263	0563739		Valve, .75 Bleeder, Discharges, Swing Handle	1
264	0055095		Not Required, Elbow, Left Side Outlets, 2.50"	1
265	0035094		Not Required, Elbow, Left Side Outlets, Additional	1
266	0021134		Not Required, Elbow, Right Side Outlets	1
267	0045099		Not Required, Elbow, Rear Outlets	1
268	0085695		Not Required, Elbow, Rear Outlets, Large, Additional	1
269	0527969		Cap, Large Dia Outlet, 4.00", IPO Elbow	1
270	0552943		Control, Outlets, Swing Handle, Elect PS Outlets, Akron 9315, Press Display, PUC	1
271	0029106		Not Required, Deluge Outlet	1
272	0029302		No Monitor Requested	1
273	0029304		No Nozzle Req'd	1
274	0029107		No Deluge Mount	1
275	0527482		Waterway Outlet & Control, PUC	1
276	0692107		Crosslays, Low Mount, (2) 1.50", Full Width, Std. Cap, w/Poly Trays, PUC, DCF	1
277	0665845		Crosslay, (1) 2.50", Full Width, Std Cap, Under Slung Bumper Ext, DCF Aerial Capacity, Hose, Deadlay - "	1
278	0029260		Not Required, Speedlays	1
279	0588430		Hose Restraint, Crosslay/Deadlay, Bar and Hook, Heavy Nylon Web, Each Side, PUC Qty, - 02 Type of fastener - 1" cam buckle Nylon Web Color - Black	2
280	0044333		Not Required, Foam System	1
281	0012126		Not Required, CAF Compressor	1
282	0552517		Not Required, Refill, Foam Tank	1
283	0042573		Not Required, Foam System Demonstration	1
284	0045465		Not Required, Foam Tanks	1
285	0091110		Not Required, Foam Tank Drain	1
286	0091079		Not Required, Foam Tank #2	1
287	0091112		Not Required, Foam Tank Drain	1
288	0663782		Pump Operators Panel & Module, Aluminum, " Control Zone", PAL/PAP Dash CF PUC	1
289	0032479		Pump Panel Configuration, Control Zone	1
290	0579545		Step, Slide-Out/Fold-Out, Pump Operator Platform, Aerial PUC	1
291	0667186		Light, Slide-Out Pump Operator Step, On Scene Solutions Access LED, Short Step	1
292	0516975		Material, Pump Panels, Operators Brushed Stainless, Sides Brushed Stainless, PUC	1
293	0516978		Pump and Plumbing Access, Simple Tilt Service, PUC	1
294	0520016		Not Required, Pumphouse Structure, PUC	1
295	0520326		Light, Pump Compt, PUC	1
296	0516983		Engine Indicators, Included With Pierce Pressure Controller, PUC	1
297	0005601		Throttle Included w/ Pressure Controller	1
298	0549333		Indicators, Engine, Included with Pressure Controller	1
299	0511078		Gauges, 4.0" Master, Class 1, 30"-0-600psi	1
300	0511100		Gauge, 2.0" Pressure, Class 1, 30"-0-400psi	1
301	0517009		Gauge, Water Level, Pierce, In pressure Controller, w/Mini Slave, PUC Activation, Water Level G - pb) parking brake is set	1

Line	Option	Type	Option Description	Qty
302	0006774		Not Required, Foam Level Gauge	1
303	0653066	SP	Light, Pump Operator & Panel, Side Ctrl, PUC, 60354C LED Cab & LED OH	1
304	0679947		Air Horns, (2) Grover 2040 Rect Stuttertone, Behind Bumper, Below Crosslay Location, Air Horn (bmpr) - outside frame rails per print	1
305	0006063		Control, Air Horn, Horn Ring, PS Foot Sw	1
306	0525667		Siren, Whelen 295SLSA1, 100 or 200 Watt	1
307	0692039		Location, Electronic Siren, Center Console	1
308	0006149		Control, Elec Siren, PS Foot Sw	1
309	0581959		Speaker, Whelen SA315P w/Pierce Polished Stainless Steel Grille, 100 watt Qty, Speakers - 2 Connection, Speaker - siren head	2
310	0548457		Location, Recessed in the Front Bumper, Driver and Passenger Side	1
311	0016080		Siren, Federal Q2B	1
312	0665930		Siren, Mechanical, Mounted Above Deckplate, Swivel Bracket Location, Siren, Mech - a) Left	1
313	0026163		Control, Mech Siren, DS & PS Foot Sw	1
314	0057905		Lightbar, Whelen, Freedom 2-FNMINI, 24" LED, 1-R, 1-W, 2-RC	1
315	0016380		No Additional Lights Req'd, Side Zone Upper	1
316	0540460		Light, Front Zone, Whelen M6°C LED, Clear Lens, 4lts Q Bezel Color, Lt DS Fmt Outside - r) DS Front Outside Red Color, Lt PS Fmt Outside - r) PS Front Outside Red Color, Lt DS Front Inside - r) DS Front Inside Red Color, Lt PS Front Inside - r) PS Front Inside Red	1
317	0525723		Flasher, Headlight Alternating Color, Lens, LED's - Color, Lens, LED Mars Lt -	1
318	0016491		Light, Mars TB8-P, Pair on Cab Color, Lights, Warning - b) clear	1
319	0663817	SP	Lights, Side Zone Lower, Whelen M6°C, M9°C LED, Clear Lens 2pr Location, lights rear - mount behind crew cab doors directly below grab handle. Location, lights frt side - c)each side, front cab corner Color, Lt Side Front - r) Side Front Lt Red Color, Lt Side Rear - r) Side Rear Lt Red	1
320	0540770		Lights, Side, Whelen M4°C LED, Clear Lens Location, lights - rear body fender panels, between tandem axles. Qty, - 02 Color, Lights, Warning - gla) red	2
321	0540781		Lights, Rear Zone Lower, Whelen M9°C LED, Clear Lens Color, Lt DS Rear - r) DS Rear Lt Red Color, Lt PS Rear - r) PS Rear Lt Red	1
322	0540799		Lights, Rear, Whelen M9°C LED, Clear Lens Location - rear of body, one each side, high as possible. Color, Light - ae) red Qty, - 02 Control, light - a) rear upper warning	2
323	0088745		Light, Rear Zone Upper, Whelen L31HRFN LED Beacon, Red LED Color, Dome, Rear Warning - j) both domes clear	1
324	0006551		Not Required, Lights, Rear Upper Zone Blocking	1
325	0529686		Light, Traffic Directing, Whelen TAM65 36" Long LED Activation, Traffic Dir L - c)with the control head	1
326	0530074		Location, Traf Dir Lt, On Top of Body Below Turntable w/Trdplt Box	1
327	0530281		Location, Traf Dir Lt Controller, Center Console	1
328	0006646		Electrical System, A/C, General Design	1
329	0563275		Generator, Harrison 6kW MSV, Hydraulic, Hotshift PTO, Volt Meter Only Generator Interlocks - No Interlocks	1
330	0015429		Mounting, Hydraulic Generator Above Torque Box Location, Generator - REAR OF THE WATER TANK AND FORWARD OF THE TURNTABLE.	1
331	0016752		Starting Sw, Truck Engine Powered Gen, Cab Sw Pnl	1
332	0016757		Not Required, Remote Start, Generator	1
333	0016740		Not Required, Fuel System	1

Line	Option	Type	Option Description	Qty
334	0016767		Not Required, Oil Drain Extension, Generator	1
335	0016771		Not Required, Routing Exhaust, Generator	1
336	0036738		Circuit Breaker Panel, included With PTO Generator Location, CB Panel - compartment D5.	1
337	0688345		Reel, Elect Cable, Hannay, ELFCR1622-14-16, (3) Wire, Low Profile Location, Cord Reel - install in compartment D2 Qty, Cord Reels - 1 Reel Guide - b) Captive roller Finish, Reel - Painted Job Color	1
338	0006828		Cord, Electric, 10/3 Yellow, 3 Wire Lengths of Elect Cord - 1 Feet of Yellow Cord - e)200 Connection, Cord - No Connection	1
339	0519934		Not Required, Brand, Hydraulic Tool System	1
340	0673137		Aerial, 105' Heavy Duty Ladder (500 dry/500 water)	1
341	0553461		Boom Support with Compartment, Rear of Cab, Treadplate, PUC	1
342	0680550		Boom Panel, Pair, Stock/Demo Aerials Only Paint, Color - White, Pierce #10	1
343	0526885		Indicator, Extension, Inside and Outside Handrails, Every 10' Color - 2) red	1
344	0591645		Steps, Folding, Four, Aerial Device, Trident Coating, Step - black	1
345	0688232		Rung Covers, Aerial Device Rung Cover Color - Safety Yellow	1
346	0680785		Limited Retraction, Aerial Limited Retraction - overall height	1
347	0682159		Turntable, Shortened, Passenger Side	1
348	0682164		Cover, Treadplate, Around Aerial Rotation Bearing	1
349	0120787		Control Stations, PAL (Four Stabilizers)	1
350	0593562		Stabilizers, 105' HD Rear Mount Steel Aerial, 14' Spread, 18" G Pen, 500# tip Material, Stabilizer Pad - Composite	1
351	0530819		Not Required, Aerial Stabilizer Pins	1
352	0548907		Door, Stabilizer Control Box, Smooth Aluminum	1
353	0121266		Hydraulic System (PAL)	1
354	0120794		Swivels, PAL, Tiller (28 Collector Rings)	1
355	0120778		Electrical System, 105' PAL	1
356	0678154	SP	Spotlights, (4) Whelen,MPBW,Micro LED Spot, Track & Tip, (PAL/HAL) Non-NFPA Color, Wln Lt Housing -	1
357	0560815		Lighting, LED, 4 Section Aerial, Base, Fly, Upper/Lower Mid, Blue Color, Lens, LED's -	1
358	0540748		Lights, Stabilizer Warn (2) Sets, Whelen M9°C LED, Clear Lens Color, Lt Rr Stabilizr Pan - r) Pan Light Red Color, Lt Fr Stabilizr Pan - r) Pan Light Red	1
359	0068701		Lights, Grote Supemova LED, Stabilizer Beam, (2) Sets	1
360	0006929		Not Required, 120v To Tip	1
361	0594648		Intercom, 2-Way Fire Research ICA900 Hands Free	1
362	0540895		Not Required, Breathing Air to Tip, Aerial Ladder	1
363	0024742		Not Required, Mask, Breathing Air To Tip	1
364	0001239		Lowered Pedestal, 1.00", HDL/MDL	1
365	0005794		Boom Support, Painted Job Color IPOS	1
366	0064694		Lights, Trucklite 44042C, LED, Stabilizer Scene, IPOS Qty, - 04 Location, Aerial Basket - Color, Lt Underside Aerial Basket -	4
367	0530826		Turntable Access, ManSaver Bars, Yellow	1
368	0026950		Waterway, 100'/105' HDL	1
369	0540650		Monitor, Akron 3578 StreamMaster Electric Nozzle, Monitor 1 PAL - Akron 1577 Electric	1
370	0534379		Flowmeter, FRC, Waterway (PAL)	1
371	0004836		Inlet, 5.00" at Rear w/ Pump, PAP, PAL	1
372	0673128		Quick-Lock Waterway Locking System, 100' HDL, 105' HDL	1
373	0047897		Tools, Aerial, PAL/PAP	1

Line	Option	Type	Option Description	Qty
374	0559494		Manuals and Training, 3 Days, PAL	1
375	0007150		Bag of Nuts and Bolts	1
376	0029933	SP	Qty, Bag Nuts and Bolts - 1 Hooligan Tool	1
377	0047021		Qty, - 1 Reflective Emergency Triangles, Set of Three	1
378	0532894		Qty, - 1 NFPA Required Loose Equipment, Quint, Provided by Fire Department	1
379	0544724		Soft Suction Hose, Provided by Fire Department, Quint NFPA Classification	1
380	0027023		No Strainer Required	1
381	0007054		Axe(s), Flathead w/ Fiberglass Handle	1
382	0533246		Qty, Axes - 01 Extinguisher, 20 lb Dry Chemical	1
383	0533283		Qty, Extinguishers - 1 Extinguisher, 2.5 Gal. Pressurized Water, Quint, Provided by Fire Department	1
384	0007482		Not Required, Crowbars	1
385	0007484		Not Required, Claw Tools	1
386	0533261		Axe, Flathead, Quint, Provided by Fire Department	1
387	0533267		Axe, Pickhead, Quint, Provided by Fire Department	1
388	0007494		Not Required, Sledgehammers	1
389	0559682		Paint, Two Tone, Cab, w/Shield, Custom Cab	1
390	0527935		Paint, Color - Red #90 LOWER Paint Color, Upper Area - White #10 UPPER Paint Chassis Frame Assy/Drivelines, w/Air Tanks, Coolers, Battery Box Job Color	1
391	0693797		No Paint Required, Aluminum Front Wheels	1
392	0693792		No Paint Required, Aluminum Rear Wheels	1
393	0007230		Compartment, Painted, Spatter gray	1
394	0591431		Aerial Ladder Paint, Stabilizers and Torque Box, Job Color	1
395	0544129		Paint Color, Aerial Device - White 10 Reflective Band, 1"-6"-1"	1
396	0077356		Color, Reflect Band - A - a) white	1
397	0583454		Color, Reflect Band - B - l) white Color, Reflect Band - C - w) white Reflective, Cab Face, Below the S/S Trim Band	1
398	0598714		Stripe, Chevron, Rear, Diamond Grade, Aerial Color, Rear Chevron DG - fluorescent yellow green Stripe, Reflective/Diamond Grade, Chevron Stripes, Four (4) Stabilizers	1
399	0027341		Color, Reflect Band - A - r) red diamond grade Color, Reflect Chev - A - t) fluorescent yellow green diamond grade Size, Stripe - a) 4.00" Jog, in Reflective Stripe, Single or Multiple	1
400	0017359		Qty, - 1 Stripe, Black Outline, Vinyl on Reflective Band	3
401	0552453		Qty, - 03 Stripe, Reflective, Chevron, Cab and Crew Cab Doors Interior, Diamond Grade	1
402	0680253		Color, Reflect Band - A - p) fluorescent yellow green diamond grade Size, Chevron Striping - 04 Color, Reflect Chev - A - r) red diamond grade	1
403	0027286		Pick Not Required, See "Aerial Boom Panels" and "Lettering, Special" Category	1
404	0007472		Not Required, Lettering Specs [Lettering not Requested]	1
405	0583547		Undercoating, Cab & Body, Stock/Demo Style, Aerial, Ziebart	1
406	0008554		2% Handling Charge on 105' HL	1
407	0031972		Manuals, Two (2), Fire Apparatus Parts, Custom Chassis	1
408	0002905		Manuals, Two (2) Chassis Service, Custom	1
409	0032433		Manuals, Two (2) Chassis Operation, Custom	1
410	0030008		Warranty, Basic, 1 Year, Apparatus, WA0008	1
411	0595239		(No Pick Required)	1
412	0696696		Warranty, Engine, Detroit DD13, 5 Year, WA0180	1
413	0684953		Warranty, Steering Gear, Sheppard M110, 3 year WA0201	1
414	0595767		Warranty, Frame, 50 Year, Velocity/Impel, Dash CF, WA0038	1

Line	Option	Type	Option Description	Qty
415	0595245		(No Pick Required)	1
416	0595698		Warranty, Axle, 3 Year, TAK-4, WA0050	1
417	0530524		Warranty, Axle, 2 Year, Meritor, General Service, WA0046	1
418	0019914		Warranty, Structure, 10 Year, Custom Cab, WA0012	1
419	0595813		Warranty, Paint, 10 Year, Cab, Pro-Rate, WA0055	1
420	0524627		Warranty, Electronics, 5 Year, MUX, WA0014	1
421	0046369		Warranty, 5-year EVS Transmission, Standard Custom, WA0187	1
422	0685945		Warranty, Transmisson Cooler, WA0216	1
423	0688798		Warranty, Water Tank, Lifetime, UPF, Poly Tank, WA0195	1
424	0596025		Warranty, Structure, 10 Year, Body, WA0009	1
425	0693127		Warranty, Gortite, Roll-up Door, 6 Year, WA0190	1
426	0516693		Warranty, Pump, Pierce, PUC, 6 Year, WA0039	1
427	0032998		Warranty, 10 Year S/S Pumbing, WA0035	1
428	0006999		Warranty, Structure, 20 Year, Aerial Device, WA0052	1
429	0687388		Warranty, Swivels, 5 Year, Aerial Device, WA0197	1
430	0685727		Warranty, Hydraulic System and Components, 3 Year/5 Year, WA0200	1
431	0687327		Warranty, Waterway, 10 Year, Aerial Device, WA0198	1
432	0595860		Warranty, Paint, 4 Year, Aerial Device, Pro-Rated, WA0047	1
433	0595588		Warranty, Generator, 2 Year, Harrison Hydra-Gen, WA0051	1
434	0595820		Warranty, Paint, 10 Year, Body, Pro-Rate, WA0057	1
435	0593921		Not Required, Warranty, No Lettering	1
436	0683627		Certification, Vehicle Stability, CD0089	1
437	0690482		Certification, Engine Installation, Dash CF, DDC DD13	1
438	0686786		Certification, Power Steering, CD0098	1
439	0696029		Certification, Cab Integrity, Dash CF, CD0099	1
440	0695966		Certification, Cab Door Durability, Dash CF, CD0118	1
441	0695932		Certification, Windshield Wiper Durability, Dash CF, CD0120	1
442	0695965		Certification, Electric Window Durability, Dash CF, CD0121	1
443	0695933		Certification, Seat Belt Anchors and Mounting, Dash CF, CD0122	1
444	0695964		Certification, Cab Heater and Defroster, Dash CF, CD0119	1
445	0545073		Amp Draw Report, NFPA 2009 Edition	1
446	0002758		Amp Draw, NFPA Radio Allowance	1
447	0000032		PAL BODY	1
448	0000012		PIERCE CHASSIS	1
449	0562778		DD13 ENGINE	1
450	0046396		EVS 4000 Series TRANSMISSION	1
451	0520324		PIERCE PUMP	1
452	0020009		POLY TANK	1
453	0028047		NO FOAM SYSTEM	1
454	0020006		SIDE CONTROL	1
455	0020007		AKRON VALVES	1
456	0020015		ABS SYSTEM	1

