

City of Laurel Fire Department
HD77 Rear Mount Ladder

Exp. Date: 09/01/2016
Quote No: HD77-H6016-0001
Job/Order No: CH2462/H6016
LEGALS: FFA-00-100 Legals - Aerial
CHASS-CUSM: FCH-10-225 CHASSIS - Aerial RM 77'
CHASS-MODS: FCM-70-100 Chassis Mods - STOCK/CINDER
PUMP-ENC: FPE-30-400 Pump Enclosure - Aerials - RM 57/77
BODY: FBA-10-360 Bodies - Aerial RML 77' MVP Ext 500 Gal.
BODY-CMNT: FBC-10-100 Body Components - Aerials
AERIAL: FAL-10-200 Aerial Ladder - Rear Mount 77'
ELE-CMPNT: FEC-10-100 Elec. Components - Aerial RM Custom
PAINT: FPC-10-100 Paint - Ladder/Platform
WRNTY-MNLS: FWM-30-100 Warranty / Manuals - Aerials Custom RML
EQUIPMENT: FEP-10-100 Loose Equipment Pkg. - Aerial

07/28/2017

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PART NO	S	DESCRIPTION	QTY	ID
		== Legals - Aerial - 176.002 02/15/17 ==	1	FE
00-04-0420		Apparatus Purchase - NASPO ValuePoint Contract	1	FE
00-04-1220	X	Contingency Fund	1	
00-06-0420		Payment Terms: Ferrara Standard	1	FE
00-12-0420		Manufacturer - Virtual	1	FE
00-12-0620	S	Principal Dimensions	1	FE
00-12-0820		Certified Welders	1	FE
00-12-1020		Body Weight	1	FE
00-14-0620		Drawings - Approval	1	FE
00-18-1020		Vehicle Transportation - Fire Department Supplied	1	FE
00-18-1820		Delivery Time: Calendar Days	90	FE
00-18-2020		Vehicle Familiarization & Demonstration	1	FE
00-22-0220		Service Contacts	1	FE
00-22-0620		Company Service Vehicles	1	FE
00-22-0820		Replacement Parts	1	FE
		== CHASSIS - Aerial RM 77' 500 Gallon - 1606.001 06/03/16 ==	1	FE
00-D2-0820		Custom XD Full Tilt Cab - CINDER AERIAL	1	FE
		WHEELBASE / FRAMERAILS / COMPONENTS / ACCESSORIES	1	FE
02-A2-2020	S	Wheelbase: 218"	1	FE
02-A4-0420		Framerail - Double	1	FE
02-A4-2420		Paint - Frame Rail, "F-Shield"	1	FE
02-A4-2620		"F-Shield" Color: Black	1	FE
02-A6-1620		Tow Hooks - Painted, Below the Bumper	1	FE

PART NO	S	DESCRIPTION	QTY	ID
FRONT BUMPERS / COMPONENTS / ACCESSORIES			1	FE
02-B2-0220		Front Bumper - 12" High, Polished Stainless Steel	1	FE
		The standard bumper on the stock chassis shall be replaced with a HD painted steel bumper.		
02-C4-2220		Front Bumper Extension - 24"	1	FE
02-P2-0420		Air Horn - PS Thru Bumper (P2)	1	FE
02-P2-1020		Air Horn - DS Thru Bumper (P6)	1	FE
02-P6-0620		Switch - Air Horn, (2) Driver/Officer Side Floor	1	FE
02-P8-0420		Air Horn Wiring - Active All Modes	1	FE
02-R2-1420		Speaker - DS Thru Bumper (P7)	1	FE
02-R4-0420		Siren Speaker - Cast Product SA2401	1	FE
04-A2-1020		Front Axle - 23,000 Pounds, Meritor MFS-20	1	FE
04-A6-0620		Steering System - TRW, Over 21,500 Pounds	1	FE
04-A8-0220		Chassis Alignment	1	FE
04-B2-1220		Front Suspension - 23,000 Pounds, Parabolic	1	FE
04-C2-0620		Front Brakes - Disc, Meritor EX-225	1	FE
04-C4-0220		Cramp Angle - 41 Degrees	1	FE
04-D2-1420		Front Tires - Goodyear 425/65R22.5 "L" G296 MSA 23,000 Pounds	1	FE
04-E2-2820		Front Wheels - Aluminum (425 Tires)	1	FE
04-E4-0220		Wheel Trim - Front, Baby Moons/Lug Nut Covers	1	FE
04-E4-2020		Mud Flaps - Front	1	FE
SINGLE REAR AXLES / COMPONENTS / ACCESSORIES			1	FE
04-G6-1020		Rear Axle - 35,000 Pounds, Dana Spicer S35-590	1	FE
04-K2-8620		Rear Suspension - 35,000 Pounds, Spring	1	FE
04-M2-0220		Standard Differential - Single Axle	1	FE
04-M6-0420		Vehicle Top Speed: 60-62 MPH	1	FE
04-P2-0220		Rear Brakes - S-Cam 16-1/2" x 7"	1	FE
04-R2-4820		Rear Tires - Goodyear 315/80R22.5 "L" G670RV 35,000 Pounds	1	FE
04-S2-2420		Rear Wheels - Aluminum (315 Tires)	1	FE
04-S6-1220		Tire Pressure Monitor (Single Rear Axles) - LED Alert	1	FE
04-T2-0220		Wheel Trim - Rear, Lincoln Hats	1	FE
AIR BRAKE SYSTEM / COMPONENTS			1	FE
06-A2-0220		Harness and Hose Routing System	1	FE
06-A2-0420		Air Brake System - Color Coded Nylon w/1/4 Turn Drain Valves	1	FE
06-A2-4020		Chassis Air System Fittings - Push-Lock Type	1	FE
06-A4-4020		ABS/ATC/ESC System - SINGLE AXLE	1	FE
06-B4-2020		Air Dryer - Bendix AD-9	1	FE
ENGINES / COMPONENTS / ACCESSORIES			1	FE
08-A2-1020		Engine - 450 HP, Cummins ISL9 (EPA 2016)	1	FE
08-B2-0620		Engine Brake - Cummins ISL Engine	1	FE
ENGINE / COMPONENTS / COOLING SYSTEM - ISL			1	FE
08-C2-0420		Cooling System - 1400 Square Inch Radiator	1	FE
08-C2-1420		Cooling System Fan - Cummins ISL	1	FE
08-C2-2620		Radiator Coolant - Extended Life	1	FE
08-C2-4220		Coolant Hoses - Premium Rubber	1	FE
08-C2-4420		Coolant Hose Clamps - Gates PowerGrip	1	FE
08-C2-6020		Auxiliary Engine Cooler	1	FE
ENGINE / COMPONENTS / CHARGING SYSTEMS			1	FE
08-D2-2220		Alternator - 430 AMP, Delco Remy 55SI	1	FE

PART NO	S	DESCRIPTION	QTY	ID
08-E2-0620		Battery System - 6 Group 31	1	FE
08-E4-0220		Battery Boxes - Stainless Steel	1	FE
08-E6-0220		Battery Master Load Disconnect	1	FE
08-E6-0420		Total System Manager w/High Idle - Class 1	1	FE
08-E8-4420		Battery / Air Charger - Pump Plus 1200, Kussmual 52-21-1100	1	FE
08-G4-2020		Receptacle - Kussmaul 20 AMP Super Auto-Eject 091-55-20-120	1	FE
		The receptacle shall be located in the driver's side cab wheel well area.		
08-G6-0220		Cover - Super Auto Eject Yellow, Kussmaul 091-55YW	1	FE
08-G8-2020		Digital Display - Remote, Kussmual 091-199-01	1	FE
		The display panel shall be located on the driver's seat riser, next to the master battery switch.		
08-G8-8220		Plate - Shore Power Inlet	1	FE
		TRANSMISSION / COMPONENTS / ACCESSORIES	1	FE
10-A2-0220		Transmission - Allison 3000 EVS	1	FE
10-A4-0620		Transmission Push Button Shifter - 5 Speed	1	FE
10-H2-0220		Driveline - 1710 Series	1	FE
10-H4-1820		Fire Pump Installation	1	FE
		FUEL SYSTEM / COMPONENTS - ISL	1	FE
10-J2-0220		Fuel Tank - 50 Gallon	1	FE
10-J4-0220		Fuel Lines - Reinforced Wire Braided	1	FE
10-J4-0820		Fuel Filter - Secondary Filter	1	FE
10-J4-2020		Fuel Water Separator - Primary Filter	1	FE
10-J6-0820		DEF System w/5 Gallon Tank - Left Rear Under Cab	1	FE
10-J8-2020		DEF Fill w/Door - Left Crew Cab Extension	1	FE
10-M2-0820		Exhaust System - EPA 13 Particulate Filer/SCR	1	FE
		CAB CONFIGURATIONS - CINDER XD - SMFD thru LFD	1	FE
12-H6-2420		Custom XD 96" XMFD Cab w/8" Notched Raised Roof	1	FE
12-P2-1020		Cab Doors - Full Length, 4 Door Raised Roof Cab	1	FE
12-P4-0220		Cab Door Hinges - Concealed	1	FE
12-P6-0820		Cab Door Locks - Manual Paddle Type (4 Door Cab)	1	FE
12-P8-1020		Window Regulators - Electric (4 Door Cab)	1	FE
12-R2-0620		Window - Left Side Fixed, 16-1/2"W x 33-1/2"H	1	FE
12-R2-0820		Window - Right Side Fixed, 16-1/2"W x 33-1/2"H	1	FE
12-R4-0420		Cab Tilt Lock Suspension (Full Tilt Cab)	1	FE
12-R4-2220		Cab Tilt Electric Pump w/Manual Back-Up (Standard Location)	1	FE
		CUSTOM CAB - EXTERIOR PAINT FINISH	1	FE
12-T2-0220	S	Paint - Custom Cab, Single Color	1	FE
12-T6-0220		Primary/Lower Cab Paint Finish	1	FE
12-T6-0620		Primary/Lower Paint Color/Code: Red FLNA 31979	1	FE
		CUSTOM CAB - EXTERIOR TRIM COMPONENTS	1	FE
14-A2-0230		Front Grille - Stainless Steel	1	FE
14-A2-1420		Side Grille w/Ember Separator - Notched Right Side	1	FE
14-A4-0620		Cab Mirrors - Heated/Remote, Velvac Stainless Steel	1	FE
14-A6-2020		Exterior Trim - Rear Step Well w/Removable Battery Access Covers	1	FE
14-A6-8220		Exterior Trim - Tread Plate, Back of Cab	1	FE
		CUSTOM CAB - INTERIOR TRIM COMPONENTS	1	FE
14-G2-1020		Corrosion Protection/Sound Deadening - "F-Shield"	1	FE
14-G4-0220		Interior Cab Finish - "F-Shield" Dark Gray	1	FE

PART NO	S	DESCRIPTION	QTY	ID
14-G4-2220		Interior Trim - Gray Floor Mats/Engine Tunnel Covering	1	FE
14-G4-6420		Interior Trim - Sprayed Aluminum, Rear Wall	1	FE
14-G6-0420		Interior Trim - Grab Handles (4 Door Cab)	1	FE
14-G6-4020		Interior Trim - Officer's Dash, Glove Box	1	FE
14-G6-6020		Interior Trim - Sun Visors (3)	1	FE
14-H2-0820		Interior Trim - Upper Door Panels "F-Shield" (4 Door Cab)	1	FE
14-H2-4220		Interior Trim - Lower Door Panels "F-Shield" (4 Door Cab)	1	FE
14-H4-1220		Interior Trim - Lower Door Panels Reflective Stop Sign (4 Door Cab)	1	FE
		CUSTOM CAB - INSTRUMENTS AND CONTROLS	1	FE
14-K2-0420		Cab Instrumentation & Controls - Standard Gauges	1	FE
14-K2-0620		Driver's Information Display Panel	1	FE
14-K2-0820		Chassis Electrical System - Standard Wiring	1	FE
14-K2-2020		Doghouse Mounted Switch Panel - Ferrara XD Aluminum	1	FE
14-K2-2220		Switch Panel - Driver's Side (Pump Applications)	1	FE
14-K2-4220		Switch Panel - Center, 96" Wide XD Cab	1	FE
14-K2-6220		Switch Panel - Officer's Side	1	FE
14-K2-8220		Vehicle Data Recorder (VDR) w/Seat Belt Warning - Class 1	1	FE
14-K4-0420		Seat Belt Warning System Panel - Class 1	1	FE
14-K4-4020		Steering Column w/Self Canceling Turn Signals - Douglas	1	FE
14-K6-4220		Switch - Manual Fast Idle	1	FE
14-P2-1620		Heat/Air Conditioning - Under Dash and Rear Crew Area	1	FE
14-P2-2420		A/C Condenser Housings: Black	1	FE
		CUSTOM CAB / SEATING / AIR BAG PROTECTION / EMS	1	FE
		COMPARTMENTS		
16-A8-0620		Seat Material - Durawear	1	FE
16-A8-1220		Seat Color - Gray	1	FE
16-B4-0220		Seat - Driver, Bostrom Sierra Air-100/ABTS Hi Back Air Ride	1	FE
16-B4-0620		Seat - Officer, Bostrom Tanker 450 Fixed SCBA	1	FE
16-B6-2220		Bracket - Cab Seat SCBA, IMMI SmartDock Gen II	1	FE
16-B6-4020		Filler Panel For SCBA Seat	1	FE
16-C4-0420		Seat - DS Rear Facing Crew, Bostrom Tanker 450 Fixed SCBA	1	FE
16-C6-4220		Bracket - Cab Seat SCBA, IMMI SmartDock Gen II	1	FE
16-C8-6020		Filler Panel For SCBA Seat	1	FE
16-D4-0420		Seat - OF Rear Facing Crew, Bostrom Tanker 450 Fixed SCBA	1	FE
16-D6-4220		Bracket - Cab Seat SCBA, IMMI SmartDock Gen II	1	FE
16-D8-6020		Filler Panel For SCBA Seat	1	FE
16-E4-1020		Seats (2) - Inboard Forward Facing Crew, Bostrom Tanker 450 Fixed Bottom	1	FE
16-E6-4220		Brackets (2) - Cab Seat SCBA, IMMI SmartDock Gen II	1	FE
16-E8-6020		Filler Panels For SCBA Seat (2)	1	FE
		CUSTOM CAB - ACCESSORIES	1	FE
16-M2-1420		12-Volt Dual USB Charging Port - Cab Mounted, Kussmaul 091-219	1	FE
16-M2-6020		12-Volt Power and Ground Studs (2)	1	FE
16-M2-6420		12-Volt Power Outlet - Cab Mounted	2	FE
16-M2-6620		Wiring - 12-Volt Outlet, Battery Direct	2	FE
16-M4-2620		Electronic Siren - Whelen 295HFS2	1	FE
16-M6-0620		Electric Horn - Single	1	FE
16-M6-2020		Back Up Alarm - 107 dB, Whelen WBUA107	1	FE
		CUSTOM CAB - INTERIOR LIGHTING	1	FE
16-P2-0220		Lights (4) - LED Cab Dome, 6" Red/Clear Whelen 60CREGCS	1	FE

PART NO	S	DESCRIPTION	QTY	ID
16-P2-6020		Light - Open Door, Whelen OS LED	1	FE
16-P4-0220		Lights (6) - Step Well, TecNiq D04 Linear Dragon	1	FE
16-R4-0420		Lights (2) - Engine Maintenance, LED	1	FE
		CUSTOM CAB - EXTERIOR ILLUMINATION	1	FE
18-A2-0220		Front Cab Lighting - Whelen 600 Series LED	1	FE
18-A4-0220		Headlights - Halogen	1	FE
18-A6-0420		Lights (2) - Turn Signal, Whelen 600 Series LED (Headlight Module Mounted)	1	FE
18-A6-1220		Lights (2) - Turn Signal/Marker, Whelen 400 Series LED	1	FE
18-A6-6020		Lights (2) - Corning, LED	1	FE
18-A6-6220		Lights - DOT, LED	1	FE
18-B4-0620		Lights (2) - Inboard Lower Front Warning, Whelen 600 LED (Red w/Clear Lens)	1	FE
18-D2-0820		Lights (4) - LED Cab Ground, Whelen 20C0CDCD	1	FE
		== Chassis Mods - STOCK/CINDER - 176.002 02/15/17 ==	1	FE
02-A2-0220	X	DEF Tank Relocation - Left Side Pump Module	1	
02-A2-0620	X	Cab Modification - MVP Notch	1	
02-B2-1020		Front Bumper - 10-1/2" High, HD Frame Rail Style	1	FE
02-D2-0220		Gravelshield - Front Bumper Extension	1	FE
02-D4-0620		Compartment - Front Bumper, Center	1	FE
02-E4-0420		Restraining Strap - Center Compartment	1	FE
18-M6-0220		Camera - Back Up w/Color Monitor, Federal Signal CAMSET70-NTSC4B	1	FE
		The monitor shall be located in the front left corner of the cab.		
18-M6-0620		Camera - Officer's Side View, Federal Signal CAMCCD-SIDETSC	1	FE
		NEPA SAFETY SIGNS	1	FE
18-P2-0220		Safety Signs - General Requirements	1	FE
18-P2-0420		Safety Signs - Battery Explosion, FAMA01	1	FE
18-P2-0620		Safety Signs - Rotating Shafts, FAMA02	1	FE
18-P2-0820		Safety Signs - Hot Surfaces, FAMA03	1	FE
18-P2-1020		Safety Sign - Hot Exhaust, FAMA04	1	FE
18-P2-1220		Safety Sign - Spinning Fan, FAMA05	1	FE
18-P2-1420		Safety Signs - Seated & Belted, FAMA07	1	FE
18-P2-1620		Safety Sign - Air Conditioning Refrigerant, FAMA09	1	FE
18-P2-1820		Safety Sign - Cab Equipment Mounting, FAMA10	1	FE
18-P2-2020		Safety Sign - Fire Service Tire Rating, FAMA12	1	FE
18-P2-2220		Safety Sign - Electronic Stability Control, FAMA13	1	FE
18-P2-2420		Safety Sign - Cab Seating, FEMA14	1	FE
18-P2-2620		Safety Signs - Helmet Worn in Cab, FAMA15	1	FE
18-P2-2820		Safety Sign - Vehicle Backing, FAMA17	1	FE
18-P2-4020		Safety Signs - Intake/Discharge Cap Pressure, FAMA18	1	FE
18-P2-4220		Safety Signs - Hose Restraint Required, FAMA22	1	FE
18-P2-4420		Safety Signs - Climbing Method Instruction, FAMA23	1	FE
18-P2-4620		Safety Signs - Riding on Exterior, FAMA24	1	FE
18-P2-4820		Safety Sign - Pump Training, FAMA25	1	FE
18-P2-6020		Safety Signs - No-Step, FAMA26	1	FE
18-P2-6220		Safety Sign - Siren Noise, FAMA42	1	FE
18-P4-1020		Safety Sign - Apparatus Movement Warning	1	FE
18-P6-0220		Plate - Fluid Capacity	1	FE
18-P6-0420		Plate - Overall Height/Length/Weight	1	FE

PART NO	S	DESCRIPTION	QTY	ID
		== Pump Enclosure - Aerials - RM 57/77 - 176.002 02/15/17 ==	1	FE
20-A2-1220		PUMP MODULE - SIDE MOUNT EXTRUDED ALUMINUM - ENCLOSURE	1	FE
20-A4-2220	>	Separate Pump Module - Extruded	1	FE
20-C4-0220		Pump Panels - Black Anodized Aluminum	1	FE
		A safety sign FAMA25, which warns of the need for training prior to operating the apparatus, shall be located on the pump operators panel.		
20-D6-0220		Light - Left Side Pump Panel, OnScene LED Access	1	FE
20-D6-1220		Light - Right Side Pump Panel, OnScene LED Access	1	FE
20-D8-0220		Light - Pump Compartment, Halogen	1	FE
20-J2-0220		Gauges - Master Suction/Pressure, 4-1/2" Metal Face	1	FE
20-J4-1620		Pressure Governor - FRC Pump Boss PBA400-A00	1	FE
20-J6-0220		Gauges - 2-1/2" Pressure, Metal Face	1	FE
20-J6-6220		Gauge Bezels - Color Coded	1	FE
20-M4-0220		Tags - Pump Panel, Color Coded (Metal)	1	FE
22-A4-0820		Pump System - 1250-2000 GPM Single Stage, Waterous CSU	1	FE
22-F4-0220		Packing Glands - Waterous	1	FE
22-F4-1420		Flame Plated Impeller Hub - Waterous	1	FE
22-G2-0220		Pump Shift - Dash Mounted	1	FE
22-J4-0220		Primer - Pump, Waterous VPO (Oil Less)	1	FE
22-P2-0620		Valve - Master Pump Drain	1	FE
22-P2-1220		Valve - Individual Drain, 3/4" 1/4 Turn	1	FE
22-R2-0420		U.L. Test Points	1	FE
22-R2-1820		Certification - U.L. 1500 GPM Pump	1	FE
22-R4-0420		Plate - Pump Test Certification	1	FE
24-A4-4020		Suction Header - 6" w/Long Handle Cap, Left Side	1	FE
24-B4-4020		Suction Header - 6" w/Long Handle Cap, Right Side	1	FE
24-J8-0420		Valve - Intake Relief, Akron 59	1	FE
24-R2-0420		Tank-To-Pump - 3" Valve w/Push-Pull Control	1	FE
24-S6-0820		Tank Fill - 2" Valve w/Push-Pull Control	1	FE
24-T2-0420		Cooler - Engine, 1/2" Line w/ 1/4 Turn Valve	1	FE
24-T2-0620		Cooler - Pump, 3/8" Line w/ 1/4 Turn Valve	1	FE
24-W2-0220		Plumbing - Galvanized Steel	1	FE
24-W2-0620		Plumbing - Stainless Steel Foam Manifold	1	FE
24-W4-0220		Paint - Pump, Black	1	FE
		VALVE PACKAGE - AKRON / WATEROUS - Controls Push-Pull	1	FE
26-C2-0000		SUCTION INLETS	1	FE
26-F2-0420		Suction - LPR, 2-1/2" Valve w/Swing Control	1	FE
28-00-0000		DISCHARGE OUTLETS	1	FE
28-00-0220		All 2-1/2" Side Discharge Outlets Terminate 30-Degree Elbows	1	FE
28-A4-0620		Discharge - Front Bumper in Hose Well (Center Compartment)	1	FE
28-A8-0220		Discharge - Front Bumper, 2" Valve w/Push Pull Control	1	FE
28-F2-8420		Speedlays - (2) 200' 1-3/4" (1) 2-1/2" Double Lay, MVP Style	1	FE
28-F4-0220		Speedlay No. 1 - Double Lay, 2" Valve w/Push Pull Control	1	FE
28-F4-1420		Speedlay No. 2 - Double Lay, 2" Valve w/Push Pull Control	1	FE
28-F4-4820		Speedlay No. 3 - Double Lay, 2-1/2" Valve w/Push Pull Control	1	FE
28-F6-0620		Trays - Removable Speedlay (3)	1	FE
28-F8-1220		Cover - Cargo Netting End Flaps, Speedlays (3)	1	FE

PART NO	S	DESCRIPTION	QTY	ID
28-F8-2220		Cover Color: Black	1	FE
28-H2-0220		Discharges - LPFU/L (2), 2-1/2" Waterous Valve w/Push-Pull Control	1	FE
28-J8-4220		Discharge - Left Panel, Aerial Waterway 4" Akron Valve w/Handwheel Contr	1	FE
28-K2-9920		Flowmeter - Pump Panel, Fire Research DFA400-040	1	FE
28-K8-0220		Discharge - RPFU, 2-1/2" Waterous Valve w/Push-Pull Control	1	FE
28-L6-0220		Discharge - RPFL, 3" Akron Valve w/Push-Pull Control	1	FE
30-C2-0620		Foam System - Foam Pro 2001	1	FE
30-J2-2020		Gauge - Class A Foam, FRC Tank Vision Pro WLA360-A00	1	FE
30-K2-1220		Tank Switch (1) Low Level	1	FE
30-M4-0820		Flowmeter - Tee Mount w/kit, 3"	1	FE
30-R2-0620		Placard - Operating System, Single Tank	1	FE
30-R8-0220		NFPA Test - Foam Proportioning Systems	1	FE
30-S2-0620		Foam Tank No. 1 - Polypropylene, 30 Gallons	1	FE
30-T2-0200		FOAM OUTLET LOCATIONS:	1	FE
30-T2-0420		Foam Outlet - Discharge Front Bumper	1	FE
30-T2-1220		Foam Outlet - Speedlay No. 1	1	FE
30-T2-1420		Foam Outlet - Speedlay No. 2	1	FE
30-T2-1620		Foam Outlet - Speedlay No. 3	1	FE
32-E2-2020		Return Line - Fill Subsurface	1	FE
		== Bodies - Aerial RML 77' MVP Ext 500 Gal. - 176.002 02/15/17 ==	1	FE
		WATER TANKS / COMPONENTS / ACCESSORIES	1	FE
32-A2-2420	S	Water Tank - Polypropylene, 470 Gallons (R)	1	FE
32-D8-0420		Certification - NFPA Water Tank Size	1	FE
34-A2-1220		Gauge - Water Level, Tank Vision Pro WLA300-A00	1	FE
56-A2-0820		Body - Extruded Aluminum, HD77 MVP Rear Mount Ladder	1	FE
56-B2-1020		Body Subframe - Extruded Aluminum	1	FE
56-B2-2020		Cradle - Water Tank	1	FE
56-B2-4020		Body/Compartment Construction - 102" Wide Body	1	FE
56-B2-4620		Wheel Well Panels & Fenders - Body, Painted Aluminum	1	FE
56-B2-6820		Hose Bed - EZ Stack, Right Rear	1	FE
56-C2-2820	S	Compartments - Left Side, Rescue Style w/NO Hose Chute	1	FE
56-C8-0420		Compartment Doors - Left Side Hinged, LOCKING Flush Look	2	FE
56-C8-1420		Pull Down Strap - Compartment Door	1	FE
		Location: L3 and L4		
56-C8-2230		Compartment Door - Left Side Roll Up, ROM Painted (Slats & Door Frame)	5	FE
56-C8-4020		Keyed Lock - Roll-Up Door, Left Side	5	FE
		Location: Left Pump Panel, L2, L5, Right Pump Panel, and R2		
56-C8-4420		Pull Down Strap - Compartment Door	5	FE
		Location: Left Pump Panel, L2, L5, Right Pump Panel, and R2		
56-D2-4220	S	Compartments - Right Side, Rescue Style w/EZ Stack	1	FE
56-D8-0420		Compartment Doors - Right Side Hinged, LOCKING Flush Look	2	FE
56-D8-2230		Compartment Door - Right Side Roll Up, ROM Painted (Slats & Door Frame)	2	FE
		Location: Right Pump Panel and R2		
56-D8-4020		Keyed Lock - Roll-Up Door, Right Side	2	FE
		Location: Right Pump Panel and R2		

PART NO	S	DESCRIPTION	QTY	ID
56-D8-4420		<i>Pull Down Strap - Compartment Door</i>	2	FE
		Location: Right Pump Panel and R2		
56-E2-0220		Turntable Access - Swing Out, Left Rear	1	FE
56-E4-0220		Compartment - Ladder/Pike Pole Storage, Torque Box	1	FE
56-E4-1420		<i>Compartment Door - Ladder Compartment, Hinged, NON_Locking Flush Lo</i>	1	FE
56-E4-4020		Tubes (6) - Pike Pole Storage	1	FE
56-E4-6820		Cover Plates - Outrigger, Stainless Steel	1	FE
60-A2-4820		Vertical Load Test - Body	1	FE
64-B2-0430		<i>Compartment - Wheel Well Double Air Bottle, Left Front (FFA)</i>	1	FE
64-B4-0430		<i>Compartment - Wheel Well Double Air Bottle, Left Rear (FFA)</i>	1	FE
64-B4-6230		<i>Compartment - Wheel Well Double Air Bottle, Right Front (FFA)</i>	1	FE
64-B6-6230		<i>Compartment - Wheel Well Double Air Bottle, Right Rear (FFA)</i>	1	FE
64-B8-0220		<i>Doors - Wheel Well Compartments, Stainless Steel</i>	1	FE
66-A2-0420		Body Trim Package	1	FE
66-A2-2420	>	Fuel Fill - Recessed w/Door, Left Side	1	FE
66-A2-4420		Mud Flaps - Rear	1	FE
66-A2-4620	>	Rubrail - Extruded Aluminum	1	FE
66-A4-4420		Step - Chrome Folding, Front of Body	2	FE
66-A4-8820		Tow Eyes (2) - Rear, Below Body	1	FE
66-A6-0620		Handrails (2) - Aerial Access, Knurled Aluminum	1	FE
66-A8-2020	>	Divider - Hose Bed, Aerial	1	FE
66-A8-4220		Cover - Hose Bed, Hypalon	1	FE
66-A8-6420		Cover - End Flaps w/Snaps, Hose Bed	1	FE
66-A8-8220		<i>Cover Color: Black</i>	1	FE
		== Body Components - Aerials - 176.002 02/15/17 ==	1	FE
		== Aerial Ladder - Rear Mount 77' - 1606.001 06/03/16 ==	1	FE
68-A2-0420		Ladder - 77' Rear Mount	1	FE
68-A6-0420		Specifications - 77' Rear Mount Ladder	1	FE
68-B2-0420		Construction / Dimensions - Rear Mount Ladder	1	FE
68-C2-1020		Covers - Rung, Serrated Rubber	1	FE
68-C2-2020		Egress - Bolt-On	1	FE
68-C2-2220		Steps (2) - Folding, Fly Section	1	FE
68-C2-2420		Eyelets - Rescue, Aerial Fly Section	1	FE
68-C2-4020		Extension Indicator Base Section	1	FE
68-C2-4420		Angle Indicator - Lighted, Aerial Base Section	1	FE
68-C2-6220	>	Sign Plates (2), Ladder Base Section, White	1	FE
68-C4-0420		Torque Box	1	FE
68-C4-6020	>	Travel Support - Rear Mount Ladders, Heavy Duty	1	FE
68-D2-0420		Hydraulic System	1	FE
68-D2-0430		<i>Relocate Hydraulic Reservoir/Ladder Cradle - MVP Applications</i>	1	FE
68-D2-4020		Hydraulic Pump - Power Take-Off	1	FE
68-D4-0420		<i>Hydraulic Pump w/Aux. Pump for Hyd. Generator under 15K</i>	1	FE
68-D4-8020		Hydraulic Pressure Gauge - Rear Control Station	1	FE
68-D4-8420		Kit - Filter Isolation	1	FE
68-D4-8620		Emergency Pump	1	FE
68-D4-8820		Swivel - Hydraulic	1	FE
68-D4-9020		Swivel - Electric	1	FE
68-D6-0420		Elevation System	1	FE

PART NO	S	DESCRIPTION	QTY	ID
68-D6-4220		Extension / Retraction System	1	FE
68-D6-6820		Extension / Retraction System Pulleys - Greaseless	1	FE
68-D6-8020		Wear Pads / Bearing Surfaces	1	FE
68-D8-0420		Rotation Bearing - Heavy Duty	1	FE
68-D8-2220		Rotation Gear Box	1	FE
68-D8-4020		Tool Kit - Maintenance	1	FE
68-E2-0620		Stabilizers - Rear	1	FE
68-E2-4020		Outrigger Cylinder Stroke	1	FE
68-E4-1020		Locks - Stabilizer, Mechanical	1	FE
68-E4-2040		Hot Dip Galvanizing - Outriggers	1	FE
68-E4-4020		Stabilizer - Extension System	1	FE
68-E4-6220		Lights - Stabilizer Work, LED	1	FE
68-E6-0220		Lights - Stabilizer Warning, LED	1	FE
68-E8-0620		Pads (2) - Magnetic Auxiliary Stabilizer w/Rack	1	FE
68-F2-0220		Controls - Stabilizer, Electric/Hydraulic	1	FE
68-F2-1020		Controls - Ground Station	1	FE
68-F4-0820		Turntable - Cut-off Right Side	1	FE
68-F6-1320		Safety Chain - Stainless Steel	1	FE
68-F6-2020		Controls - Turntable Console	1	FE
68-F6-8020		Load Sensing System - Automatic	1	FE
68-G2-0220		Interlock System - Aerial Stow Operation w/Indicator Light	1	FE
68-G2-0420		Interlock System - Apparatus Body Damage Control	1	FE
68-G2-0620		Interlock System - Rotation	1	FE
68-G2-0820		Retraction Safety System	1	FE
68-G2-1020		Interlock System - Cradle	1	FE
68-H2-0420		Waterway System	1	FE
68-H2-2220		Waterway Material	1	FE
68-H2-4420		Waterway - Retractable / Dual Position, Electric	1	FE
68-H4-1220		Monitor - Elkhart 8294-04 w/SM-1500E GPM Nozzle	1	FE
68-H4-8820		Capabilities Monitor Flowing Water	1	FE
68-H6-6020		Master Stream - Controls, Tip/Turntable	1	FE
68-H8-2020		Valve - Waterway Relief	1	FE
68-H8-2220		Valve - Waterway Dump	1	FE
68-H8-2420		Valve - Waterway Drain	1	FE
68-H8-2820		Rear Inlet - Aerial Waterway, 4" Black Iron	1	FE
68-H8-8020		Fitting - Aerial Inlet, 4"	1	FE
68-J2-0220		Communication System - 2 Way/2 Station	1	FE
68-M2-0220		Electrical System - E-Chain	1	FE
68-M2-2620		Lights (4) - Turntable Work, Halogen	1	FE
68-M4-1620		Spotlights (2) - Aerial Base Section, Go-Light LED 20204	1	FE
68-M6-1220		Floodlight - Left Aerial Tip Section, Whelen PFP1	1	FE
68-M8-1420		Spotlight - Right Aerial Tip Section, Whelen PSP1	1	FE
68-P2-0420		Lighting - Blue LED Rung Illumination	1	FE
68-R2-0220		Paint - Aerial Device, Standard White	1	FE
68-R2-4420		Paint - Aerial Monitor, Red	1	FE
68-S2-0420		Load Chart - Aerial	1	FE
68-S6-0220		Safety Signs - Aerial Applications, NFPA 2016	1	FE
68-S6-2420		Plate - Aerial Information Specification	1	FE
68-T2-0220		Testing - Third Party	1	FE
68-T2-4020		Testing - Stability	1	FE

PART NO	S	DESCRIPTION	QTY	ID
68-T2-8020		Certificate - Inspection	1	FE
68-T6-0220	>	Factory Instruction - Aerials, 3 Days	1	FE
68-T8-0220		Warranty - Aerial/Platforms	1	FE
68-T8-2020		Warranty - Aerials/Platforms, Corrosion Protection	1	FE
		== Elec. Components - Aerial RM Custom - 176.002 02/15/17 ==	1	FE
		***** ELECTRICAL / COMPONENTS / ACCESSORIES *****	1	FE
70-A2-2020		Electrical System - Apparatus Body	1	FE
70-A2-4020		Electrical System - 12 Volt Testing	1	FE
70-A2-6020		12-Volt Wiring Protection - Split Loom	1	FE
70-A2-8020		EMI/RFI Protection	1	FE
		AUDIBLE WARNING DEVICES	1	FE
		INTERIOR COMPARTMENT LIGHTING	1	FE
70-E2-2220		<i>Light - 8" LED Compartment, On Scene Access 73008</i> The light shall be located in the ladder tunnel.	1	FE
70-E2-4420		<i>Light - 18" LED Compartment, On Scene Access 73018</i> There shall be one-(1) light located in compartment L2, compartment L3 and compartment R2.	3	FE
70-E4-1220		<i>Light - 48" LED Compartment, On Scene Access 73048</i> There shall be one-(1) light located in compartment L1, compartment L4 and compartment R1.	3	FE
70-H2-0220	>	Switch - Compartment Door Ajar Indicator	1	FE
72-G8-9020		Zone A Upper Light Bars (2) - 22" LED Forward Facing, Whelen Freedom IV F	1	FE
72-P8-0420		<i>Zone B/D Upper Body Side Rear Lights (2) - Red w/Clear Lens LINZ6 LED, Whelen</i>	1	FE
72-S6-4020		<i>Zone C Upper Outboard Lights (4) - Red w/Clear Lens LINZ6 LED, Whelen LINZ6R</i>	1	FE
74-C8-1620		<i>Zone B & D Lower Front (2) - Red w/Clear Lens LINZ6 LED, Whelen LINZ6R</i>	1	FE
		The lights shall be located, one-(1) each side, on the bumper extension ends.		
74-D8-1220		<i>Zone B & D Lower Midship (2) - Red w/Clear Lens LINZ6 LED, Whelen LINZ6R</i>	1	FE
		The lights shall be located, one-(1) each side, in the body wheel well area.		
74-E8-1420		<i>Lights (2) - Outrigger Cover Plate, Whelen LINZ6R</i>	1	FE
74-G8-1020		<i>Zone B & D Lower Rear (2) - Red w/Clear Lens LINZ6 LED, Whelen LINZ6R</i>	1	FE
		The lights shall be located, one-(1) each side, below compartments L4 and R2.		
74-H8-1220		<i>Zone C Lower Lights (2) - Red w/Clear Lens 600 LED, Whelen 60R02FCR</i>	1	FE
74-J4-0420		Stop/Turn LED /Reverse Halogen Lights - Whelen 600 Series	1	FE
74-J4-2220		Housing - Rear Tail Light Assembly, CAST4	1	FE
74-J8-1020		<i>Light - LED Rear Directional, Whelen TAL65</i>	1	FE
74-J9-0220		<i>Rear Directional Light Mounting - Surface Mount</i>	1	FE
		12-VOLT APPARATUS LIGHTING / ACCESSORIES	1	FE
74-L0-2220		Lights - LED Clearance and Marker, Whelen OS	1	FE

PART NO	S	DESCRIPTION	QTY	ID
74-L2-4020		Light - LED License, Whelen OSC0EDCR	1	FE
74-L2-4420		Light - LED Perimeter Illumination, Whelen 3SC0CDCR	1	FE
		The light shall be located on the front hose bed wall and shall be activated with the pump panel light switch.		
74-P2-2220		Lights (2) - Single Pioneer LED Scene, Whelen Pioneer Plus PCPSM1C	3	FE
74-P4-0220		Scene Light Locations - Side of Cab, Between the Front and Rear Doors	1	FE
74-P4-0620		Switches - Cab Scene Light Activation, Cab Mounted & Respective Cab Door	1	FE
74-P4-2020		Scene Light Locations - Side of Body, Upper Front Corners	1	FE
74-P4-2222		Switch - Front Body Side Scene Light Activation, Cab Mounted	1	FE
74-P4-6020		Scene Light Locations - Upper Rear of Body, Inboard	1	FE
74-P4-6420		Switches - Upper Rear Scene Light Activation, Cab Mounted & Reverse Circu	1	FE
74-Q2-0820		Brow Light Locations (2) - Front of Cab, Driver/Passenger's Side	1	FE
74-Q4-0620		Light - 12 Volt 75 Watt LED Brow, Whelen Pioneer Plus PFP1	2	FE
74-Q8-8020		Switch - Brow Light Activation, Cab Mounted	2	FE
		== Paint - Ladder/Platfrom - 176.002 02/15/17 ==	1	FE
80-A4-0420		Paint - Custom Cab, Two Tone (Upper Only)	1	FE
80-B2-1220		Cab Paint Color/Code: White FLNA 41477	1	FE
80-C2-0220		Paint - Body, Single Color	1	FE
80-C4-0420		Body Paint Color/Code: Red FLNA 31979	1	FE
80-D2-0620		Paint - Interior Compartment, "F-Shield" Extruded Bodies	1	FE
80-D2-2020		Paint - Interior Compartment Hardware, Dark Gray "F-Shield"	1	FE
80-E2-1620		Stripe - Scotchlite, 1-4-1 Triple	1	FE
80-E4-0420		Striping Color: White	1	FE
80-E4-4220		Pin Stripe/Secondary Stripe Color: White	1	FE
80-E4-8020		Striping Layout: Straight Down Cab/Body	1	FE
80-E8-0220		Striping - Rear Body, Reflective Chevron	1	FE
80-E8-0620		Chevron Striping Colors: 3M Red & Lime Green	1	FE
80-G2-0220		Lettering - 3" Spun Gold w/Shade	1	FE
80-G8-1820		Letters - Aerial Banner Plates	26	FE
		== Warranty / Manuals - Aerials Custom RML - 176.002 02/15/17 ==	1	FE
98-A2-0420		Warranty - Body Parts & Labor, 2-Year	1	FE
98-A2-1020		Warranty - Cab/Chassis Parts & Labor, 2-Year	1	FE
98-A4-0210		Warranty - Cab Structural, 10-Year/100,000 Miles	1	FE
98-A4-0420		Warranty - Body Structure, 10-Year/100,000 Miles	1	FE
98-A6-0220		Warranty - Body Paint, 4-Year/100,000 Miles	1	FE
98-A8-0220		Warranty - Frame Rails, Lifetime	1	FE
98-A8-0420		Warranty - Meritor Axle, 2-Year/Unlimited Miles	1	FE
98-A8-4220		Warranty - Cummins Engine, 5-Year/100,000 Miles	1	FE
98-A8-4420		Warranty - Allison Automatic Transmission, 5-Year/Unlimited Miles	1	FE
98-A8-4620		Warranty - Anti Lock Brake System, 3-Year/300,000 Miles	1	FE
98-A8-6020		Warranty - Hale Pumps	1	FE
98-A8-8020		Warranty - Plumbing System, 10-Year	1	FE
98-A8-8420		Warranty - Poly Water Tank, Lifetime	1	FE
98-B2-0220		Manuals (2) - Chassis Operation, Digital	1	FE
98-B2-1220		Manuals (2) - Engine/Transmission Operations	1	FE
98-B2-1820		Manuals - Apparatus Body & Components	1	FE
98-B2-2020		Manuals - Pump	1	FE

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