

DOOR OPENINGS			COMPARTMENT DIMENSIONS		
COMPT.	HEIGHT	WIDTH	HEIGHT	WIDTH	DEPTH
L1	31 13/16	13 7/16	38 1/2	20 5/16	19 7/8
L2	15	33 1/4	19 1/2	41 1/2	12 1/8
L3	15	50 1/4	19 1/2	58	12 1/8
L4	40 1/2	38 3/4	48 1/2	45 3/4	26 1/2
L5	40 1/2	15 1/8	48 1/2	22	26 1/2
L6	32 1/8	30 7/8	40 1/8	34 3/4	26 1/2

DOOR OPENINGS			COMPARTMENT DIMENSIONS		
COMPT.	HEIGHT	WIDTH	HEIGHT	WIDTH	DEPTH
R1	31 13/16	33 7/16	38 1/2	40	8 1/2 LOWER 10" 27 1/2 UPPER 28 1/2"
R2	15	33 1/4	19 1/2	41 1/2	26 1/2
R3	15	50 1/4	19 1/2	58	26 1/2
R4	40 1/2	38 3/4	48 1/2	45 3/4	26 1/2
R5	40 1/2	38 3/4	48 1/2	45 3/4	26 1/2
R6	32 1/8	30 7/8	40 1/8	34 3/4	26 1/2

DOOR OPENINGS			COMPARTMENT DIMENSIONS		
COMPT.	HEIGHT	WIDTH	HEIGHT	WIDTH	DEPTH
A1	9 1/8	24 1/2	9 7/8	26	88

TOTAL COMPARTMENT VOLUME - 249.12 CU.FT.

DIMENSIONS SHOWN ON THIS DRAWING ARE APPROXIMATE AND ARE SUBJECT TO MINOR DEVIATIONS DURING CONSTRUCTION.

IN THE EVENT OF A DISCREPANCY BETWEEN THE SUTPHEN SPECIFICATIONS AND DRAWING, THE SUTPHEN SPECIFICATIONS SHALL PREVAIL.

DRAWING IS FOR REFERENCE ONLY. SOME ITEMS PROPOSED MAY NOT BE SHOWN OR NOTED.

CUSTOMER APPROVAL

NAME: _____

TITLE: _____

DATE: _____

REV.	DESCRIPTION	BY	DATE
F	REV-F SHOP ORDER	JL	08/05/2020
E	REV-E SHOP ORDER	JL	08/04/2020
D	REV-D SHOP ORDER	JL	07/28/2020
C	REV-C SHOP ORDER	JL	06/18/2020


DRAWN BY:	T.FAHOUM
DATE:	09/18/2019
MFG. FACILITY:	DUBLIN

SUTPHEN

OHIO STATE FIRE ACADEMY
REYNOLDSBURG, OH

SPH100 AERIAL PLATFORM

DWG. NO.: HS-6658

	Sutphen Component Report Dealership: Heritage Fire Equipment	HS-6658 Ohio Fire Academy, OH	
		Contact: Jack Smith Position: Superintendent Phone: 614-644-0523 Email: Jack.Smith@com.state.oh.us	Order#: SOB002260

Bill To
Customer: Ohio Department of Commerce Contact: Jack Smith, Superintendent Address: Accounting Office, 6606 Tussing Rd, Reynoldsburg, OH 43068

Ship To
Customer: State Fire Marshal Contact: Jack Smith, Superintendent Address: 8895 E Main Street, Reynoldsburg, OH 43068

Comments
Project Coordinator: Johnathon Lambert Sales Person: Harry Sutphen Revision Level: **REV-F** Truck Type: SPH100 Body Facility: Dublin

Line	Item #	Qty	Item Description/Comments
1		1	APPARATUS MODEL = SPH100
2		1	**ENG Facility = Dublin.
3	10000215	1	STD WIRING SCHEMATIC
4	10001200	1	MAXIMUM APPARATUS HEIGHT = N/A
5		1	**ENG Overall Apparatus Height = 11'-6" +/- 2".
6	10001220	1	MAXIMUM APPARATUS LENGTH = N/A
7		1	**ENG Overall Apparatus Length = 47'-6" +/- 2".
8	10010006	1	CHASSIS, CUSTOM
9	51070247	1	WHEELBASE = 247"
10		1	**ENG AF Number = 184".
11	25020120	1	FRAME, 10" DOUBLE RAILS, DOMEX, TANDEM AXLE - AERIAL (110K PSI)
12	45010001	1	FRONT TOW EYES, BELOW BUMPER

Line	Item #	Qty	Item Description/Comments
13	45010015	1	FRONT TOW EYE FINISH, PAINTED
14	46010000	1	REAR TOW EYES
15	40010250	1	STEERING - ROSS TAS-85
16	22010100	1	DRIVE LINE, SPICER, 1810 SERIES (Tandem)
17	23014220	1	ENGINE, CUMMINS X 12 455HP DOC-DPF-DEF-SCR OBD
18	23029200	1	ENGINE WARRANTY, 5 YEAR, 100,000 MILES FOR CUMMINS X12 / X15
19	23030006	1	AIR INTAKE/EMBER SEPARATOR
20	23031176	1	FUEL FILTER/WATER SEPARATOR, PRIMARY, FLEETGUARD FUEL PRO FH230
21	23031220	1	FUEL FILTER, SECONDARY, FLEETGUARD, FF5776
22	47012440	1	TRANSMISSION, ALLISON GEN 5, EVS4000
23	23110000	1	JACOBS ENGINE BRAKE
24	47024050	1	TRANSMISSION COOLER
25	47030000	1	ALLISON TOUCH PAD SHIFTER
26		1	**ENG Shifter Pad Gearing = 6 Gears open, Mode Button for Generator.
27	21021200	1	COOLING SYSTEM
28	21030000	1	FAN CLUTCH
29	21030200	1	RADIATOR COOLANT RECOVERY, PRESSURIZED SYST
30	26020100	1	FUEL BEAM, 65 GALLON (AERIALS)
31	26030000	1	FUEL FILL
32	26030100	1	FUEL COOLER
33	24040000	1	DIESEL EXHAUST FLUID TANK
34		1	**ENG DEF Access = Hinged Door For DEF Access.
35	13010225	1	ALTERNATOR, LEECE NEVILLE 420 AMP BLP4003
36	15010500	1	BATTERIES, INTERSTATE TYPE 31 MHD (4)
37	15031700	1	BATTERY JUMPER TERMINALS

Line	Item #	Qty	Item Description/Comments
38	15030430	1	120V SHORELINE INLET, KUSSMAUL SUPER 20 AUTO EJECT
39		1	**ENG Shoreline Inlet Location = Driver's side of Cab, standard location.
40		1	**ENG Shoreline Cover Color = Yellow.
41	15031560	1	BATTERY CHARGER, KUSSMAUL LPC 40 W/REMOTE BAR GRAPH DISPLAY
42		1	**ENG Battery Charger Display Location: Bar graph display will be in driver's side window.
43	14022130	1	**REV-A** FRONT AXLE, HENDRICKSON STEERTEK NXT 23,000 LB.
44	41022130	1	**REV-A** SUSPENSION FRONT 23,000 LBS. (4) 56" LEAFS
45	41040100	1	FRONT SUSPENSION LOCKING CYLINDERS, AERIAL TOWER
46	41040200	1	FRONT SUSPENSION LOCKOUT PLATE
47	41040510	1	STEER ASSIST
48	43010320	1	FRONT TIRES GOODYEAR 425/65R22.5 LRL G296 HGW 22.5 X 12.25 WHEELS
49	14520310	1	REAR AXLE, MERITOR RT-50-180 52,000 LB TANDEM
50	14530150	1	TOP SPEED, 60 MPH
51	42020025	1	SUSPENSION REAR RAYDAN 52,000 LBS. AIR RIDE
52	44020285	1	TIRES, REAR, GOODYEAR 12R22.5 LRH G622 MUD & SNOW 52,000 GVWR
53	42920200	1	TIRE PRESSURE MONITOR, REAL WHEELS, LED
54	44220000	1	WHEELS, STEEL (max 58K rear)
55		1	**ENG Color of Steel Wheels = Red.
56	44230220	1	BALANCE STEEL WHEELS, TANDEM AXLE
57	44270105	1	HUB COVERS, FRONT & REAR, POLISHED STS (Tandem Axle)
58	44270305	1	CHROME LUG NUT CAPS, FRONT & REAR (Tandem Axle)
59	44271100	1	MUD FLAPS, FRONT (PAIR)
60	44271200	1	MUD FLAPS, REAR (PAIR)
61	16010255	1	**REV-A** BRAKES STEERTEK DISC PLUS EX225 FRONT, SCAM 7" REAR
62	18010046	1	AIR BRAKE SYST 6 TANKS WABCO 1200 DRYER (TANDEM)

Line	Item #	Qty	Item Description/Comments
63	18035110	1	AIR COMPRESSOR, KUSSMAUL AUTO PUMP AC, 100PSI
64	18220500	1	NO ELEC STABILITY CONTROL SYS
65	18110100	1	WABCO 6 CHANNEL ANTI-LOCK BRAKES TANDEM
66	53510000	1	COMPRESSION FITTINGS ON AIR SYSTEM (CHASSIS)
67	54010000	1	MISCELLANEOUS ITEMS ON CHASSIS
68	54010200	1	AERIAL CHASSIS PREP (TANDEM AXLE)
69	11024240	1	CAB TSAL4SD 73" FLAT
70	11030025	1	CAB CERTIFICATION - STRUCTURAL INTEGRITY
71	11030950	1	CAB LOCKDOWN LATCHES
72	11031025	1	CAB TILT SYSTEM, AIR CONTROL VALVE
73		1	**ENG Cab Tilt Controls = Aerial Access Step Well.
74	11031100	1	MANUAL BACK-UP TILT SYSTEM
75	11031350	1	CAB DOORS, FULL LENGTH
76	11031385	1	CAB STEPS, LOWER GRIP STRUT, INTERMEDIATE DIAMONDPLATE
77	11031395	1	CAB STEP LIGHTING, TECNIQ E41 LED STRIP LIGHTS
78	11031419	1	CAB DOOR WINDOWS, MANUAL
79	11031401	1	CAB SIDE WINDOWS, FIXED
80	11031440	1	TWO SLIDING WINDOWS IN BACK WALL OF CAB APPROX 16.25" X 14.25"
81	52010010	1	ELECTRIC INTERMITTENT WIPERS
82	38010015	1	MIRRORS LANG MEKRA 300 SERIES REMOTE
83	11024405	1	UPPER GRILLE, LEVEL STYLE FACADE (X12/X15)
84	11024500	1	FLAMING "S" LOGO, UPPER GRILLE, REFLECTIVE RED
85	11024605	1	LOWER GRILLE, POLISHED STAINLESS (X12/X15)
86	20010075	1	BUMPER, 12" POLISHED STAINLESS STEEL
87		1	**ENG Siren Speaker Perforations = No Speaker Perforations in Bumper.

Line	Item #	Qty	Item Description/Comments
88	20029800	1	BUMPER SIDES, DIAMONDPLATE
89	12010500	1	AIR HORNS, DUAL, GROVER #2040 RECTANGULAR
90		1	**ENG Air Horns Location: Outboard, (1) each side.
91	12030205	1	AIR HORNS WIRED TO STEERING WHEEL BUTTON
92		1	**ENG Switched in Cab, Lower Console Position 2, "E Horn/Air Horn".
93	12040010	1	MOMENTARY SWITCH ON DASH, OFFICER'S SIDE
94		1	**ENG Switched in Cab, Lower Console Position 5, "Air Horns".
95	12510109	1	ELEC SIREN, WHELEN 295HFSA7, REMOTE FLUSH MOUNT WITH REMOVABLE MIC
96	12620102	1	SIREN SPEAKER, 100W, CAST PRODUCTS, SA4201-6B-A (PAIR)
97	12670110	1	SIREN SPEAKER(S) INSTALLED BEHIND CAB GRILLE
98	32520520	1	HEADLIGHTS, LED, FIRETECH FT-4X6, DUAL STS HOUSINGS
99		1	**ENG Headlight Interior Finish= Chrome.
100	48010300	1	FRONT TURN SIGNALS, WHELEN 400 SERIES LED (4)
101	27022120	1	HANDRAILS, CAB EXTERIOR, KNURLED STAINLESS STEEL (4) SIDE
102		1	**CLAR NOTES, -Only install handrail on Driver's Side rear exterior wall of cab. -Do not install handrail on Officer's Side rear exterior wall of cab as there is no use for it there.
103	27025000	1	HANDRAILS, CAB INTERIOR, BLACK RUBBER COATED (2) FRONT ENTRY
104	27030100	1	HANDRAILS, REAR CAB INTERIOR DOOR, BLACK RUBBERIZED (2) ONLY
105	11035405	1	DIAMONDPLATE REAR EXTERIOR WALL OF CAB (AERIAL OR TOP MOUNT)
106	11035430	1	DIAMONDPLATE CAB ROOF 36" x 59" (AERIAL)
107	11032000	1	EXTERIOR COMPT, NOT PROVIDED, DS
108	11032050	1	EXTERIOR COMPT, NOT PROVIDED, OS
109	31010285	1	INTERIOR, MULTISPEC BLACK SPECKLE PAINT W/GRAY-BLACK DURAWEAR
110	11032929	1	**REV-A** DOOR PANEL, FULL STS
111	11032958	1	REFLECTIVE MATL, INTERIOR CAB DOORS, REFLEXITE
112		1	**ENG Reflective Striping Color = #030 Red Transparent & #L2 Fluorescent Lime.

Line	Item #	Qty	Item Description/Comments
113		1	**ENG Reflective Striping Verbiage = "OHIO FIRE ACADEMY"
114	31010291	1	CAB INTERIOR FLOOR COVERING, BLACK RUBBERIZED
115	22510100	1	ENGINE ENCLOSURE, FULL LENGTH
116	22510530	1	ENGINE ENCLOSURE COVERING, SCORPION BLACK URETHANE BLEND
117	11031670	1	NO STORAGE ON ENGINE ENCLOSURE
118	22610050	1	ENGINE HOOD LIGHT, LED (1)
119	11031510	1	FLAT WORK SURFACE IN LIEU OF GLOVE BOX
120	29810100	1	CHASSIS ELECTRICAL DESCRIPTION
121	30010135	1	INSTRUMENTATION, AMETEK W/ CENTER & OVERHEAD CONSOLES (AERIALS)
122		1	**ENG Overhead Console Panel's Finish: Black Wrinkle.
123		1	**REV-A** **ENG Overhead Console Position 1: Switch #1: Master Emergency. Switch #2: Front Scene. Switch #3: Left Cab Scene. Switch #4: Right Cab Scene. Switch #5: Left Body Scene. Switch #6: Right Body Scene. Switch #7: Work Lights. Switch #8-#9: Blank. Switch #10: Outrigger Spot LTS
124		1	**ENG Overhead Console Position 2: -Blank.
125		1	**ENG Overhead Console Position 3: -HVAC Controls.
126		1	**ENG Overhead Console Position 4: -Chassis Indicator Lights. -Seat Belt Monitor.
127		1	**ENG Overhead Console Position 5: -Blank.
128		1	**ENG Overhead Console Position 6: -Blank.
129		1	**ENG Overhead Console Position 7: -Blank.
130		1	**ENG Lower Command Console Finish: Black Urethane.
131		1	**ENG Lower Console Panel's Finish: Black Wrinkle.
132		1	**ENG Lower Console Position 1: -Transmission Touch pad. -Pump Shift.
133		1	**ENG Lower Console Position 2: Switch #1: Jake On/Off. Switch #2: Jake Low/Med/High.

Line	Item #	Qty	Item Description/Comments
			Switch #3: High Idle. Switch #4: PTO Lad Jack. Switch #5: E Horn / Air Horns Selector.
134		1	**ENG Lower Console Position 3: -Parking brake. -Whelen Siren Control Head (installed as low as possible). -12V PowerPoints. (Called out below).
135		1	**ENG Lower Console Position 4: -Blank.
136		1	**ENG Lower Console Position 5: Switch #1: Master Emergency. Switch #2: Air Horns.
137	30010610	1	CAB PUMP SHIFT, ELECTRIC W/YELLOW KNOB
138	29930200	1	MAPBOOK SLOT ON BREAKER PANEL
139	29910100	1	PROGRAMMABLE LOAD MANAGER, CLASS-1 SUPERNODE II
140	30031100	1	HIGH IDLE SWITCH
141	84541540	1	POWER & GROUND STUDS, UPPER COMMAND CONSOLE
142		1	**ENG Requirements (AMPS) for Power/Ground Studs in Upper Command Console: (1) 12-volt 60-amp, direct to the battery. (1) 12-volt 30-amp controlled by the ignition switch. (1) 12-volt 125-amp ground.
143	84541545	1	POWER & GROUND STUDS, LOWER COMMAND CONSOLE
144		1	**ENG Requirements (AMPS) for Power/Ground Studs in Lower Command Console: (1) 12-volt 60-amp, direct to the battery. (1) 12-volt 30-amp controlled by the ignition switch. (1) 12-volt 125-amp ground.
145	30110000	1	VEHICLE DATA RECORDER, AKRON/WELDON
146	33510030	1	INTERIOR CAB LIGHTS, WHELEN 6" ROUND RED/CLEAR LED (2)
147	34010030	1	INTERIOR CREW LIGHTS, WHELEN 6" ROUND RED/CLEAR LED (2)
148	28010740	1	DEFROSTER, HEATER & A/C (TM-21)
149	28030500	1	DEFROSTER DUCTWORK, ENTIRE WINDSHIELD
150	11031687	1	TOP HEAT/AC STORAGE, TOOL MOUNTING PLATE, 25" x 19.5"
151	28031000	1	FAN, 12 VOLT, DRIVER'S SIDE, MOUNTED INBOARD, NEXT TO DEFROSTER
152	28031100	1	FAN, 12 VOLT, OFFICER'S SIDE, MOUNTED INBOARD, NEXT TO DEFROSTER
153	38510206	1	DRIVER'S SEAT, BOSTROM SIERRA AIR RIDE ABTS (DURAWEAR PLUS, LOW SEAM)
154	38320000	1	HELMET STORED IN COMPARTMENT
155	39010215	1	OFFICER'S SEAT, BOSTROM TANKER 550, AIR RIDE ABTS SCBA (DURAWEAR PLUS, LOW SEAM)

Line	Item #	Qty	Item Description/Comments
156	38320000	1	HELMET STORED IN COMPARTMENT
157	39521307	1	CREW SEAT 1, BOSTROM TANKER 550, ABTS SCBA (DURAWEAR PLUS, LOW SEAM)
158	38320000	1	HELMET STORED IN COMPARTMENT
159	39521308	1	CREW SEAT 2, BOSTROM TANKER 550, ABTS SCBA (DURAWEAR PLUS, LOW SEAM)
160	38320000	1	HELMET STORED IN COMPARTMENT
161	39521633	1	CREW SEAT 3, BOSTROM TANKER 500, ABTS SCBA FLIP-UP (DURAWEAR PLUS, LOW SEAM)
162	38320000	1	HELMET STORED IN COMPARTMENT
163	39521634	1	CREW SEAT 4, BOSTROM TANKER 500, ABTS SCBA FLIP-UP (DURAWEAR PLUS, LOW SEAM)
164	38320000	1	HELMET STORED IN COMPARTMENT
165	39550200	1	SEAT COLOR, BLACK
166	39610000	5	SCBA BRACKETS, BOSTROM, SECURE ALL (5)
167	38410000	1	SEAT BELT WARNING SYSTEM, AKRON / WELDON
168	39710015	1	CREW SEAT COMPT, FRONT DROP-DOWN DOORS (73" CAB)
169	84561010	1	CAMERA SYSTEM, FRC, INVIEW TRUEVIEW, SINGLE CAMERA (WIRED)
170		1	**CLAR NOTES, -Camera Mounting Location: Rear of Body. -Camera Monitor Mounting Location: Mount on engine cover so bottom left corner of Monitor covers up the top right corner of the dash/gauge cluster (as low as possible). Reference HS-6354 Columbus, OH.
171	60020205	1	WATEROUS PUMP CSU-1500 GPM SINGLE STAGE
172	60025310	1	GEARBOX, WATEROUS, FRONT MOUNTED
173	60026010	1	PUMP PACKING, WATEROUS
174	60031001	1	ZINC ANODES, WATEROUS
175	60035121	1	PUMP TEST, MISTRAS GROUP, INC
176	61510000	1	AUXILIARY COOLER (HEAT EXCHANGER)
177	62010002	1	STAINLESS STEEL PIPING
178	66020100	1	3" TANK TO PUMP W/CHECK VALVE
179	61720100	1	VALVE, AKRON HEAVY DUTY

Line	Item #	Qty	Item Description/Comments
180	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
181	73010100	1	TANK FILL 1.5"
182	61720100	1	VALVE, AKRON HEAVY DUTY
183	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
184	73088888	1	SPECIAL ITEM, 3/4 RECIRCULATING LINE PUMP COOLER
185		1	**CLAR NOTES, -This will be a quarter turn valve on the pump panel as recirculating.
186	61020005	1	PRESSURE GOVERNOR, FIRE RESEARCH, PUMP BOSS
187	61210500	1	INTAKE PRESSURE CONTROL, AKRON 59
188	63021100	1	6" MAIN SUCTION, LEFT SIDE
189	65030000	1	2.5" LEFT SIDE INLET
190	61720100	1	VALVE, AKRON HEAVY DUTY
191	61770100	1	ACTUATOR, VALVE, SWING HANDLE
192	60036010	1	THREADS, NST
193	63025100	1	6" MAIN SUCTION, RIGHT SIDE
194	64030000	1	2.5" RIGHT SIDE INLET
195	61720100	1	VALVE, AKRON HEAVY DUTY
196	61770100	1	ACTUATOR, VALVE, SWING HANDLE
197	60036010	1	THREADS, NST
198	61488888	1	SPECIAL DISCHARGE CAPS TO HAVE STAINLESS CHAINS LIKE HILLIARD
199		1	**ENG All discharge caps will have stainless chains like Hilliard facility utilizes STD or cables to secure caps.
200	70525125	1	2.5" DISCHARGE, LEFT - POSITION 1 – 30 DEG
201	61720100	1	VALVE, AKRON HEAVY DUTY
202	61770110	1	ACTUATOR, VALVE, PUSH/PULL W/RACK& SECTOR
203	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
204	60036010	1	THREADS, NST

Line	Item #	Qty	Item Description/Comments
205	61840100	1	ADAPTER, 2.5"NST FE X 1.5" NST M W/CAP & CHAIN - STRAIGHT
206	70525125	1	2.5" DISCHARGE, LEFT - POSITION 2 – 30 DEG
207	61720100	1	VALVE, AKRON HEAVY DUTY
208	61770110	1	ACTUATOR, VALVE, PUSH/PULL W/RACK& SECTOR
209	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
210	60036010	1	THREADS, NST
211	61840100	1	ADAPTER, 2.5"NST FE X 1.5" NST M W/CAP & CHAIN - STRAIGHT
212	71025125	1	**REV-C** 2.5" DISCHARGE, RIGHT - POSITION 3 – 30 DEG
213	61720100	1	VALVE, AKRON HEAVY DUTY
214	61770425	1	**REV-C** ACTUATOR, VALVE, ELECTRIC, AKRON 9333
215	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
216	60036010	1	THREADS, NST
217	61840100	1	ADAPTER, 2.5"NST FE X 1.5" NST M W/CAP & CHAIN - STRAIGHT
218	71025130	1	**REV-C** 3" DISCHARGE, RIGHT - POSITION 4 – 30 DEG
219	61720100	1	VALVE, AKRON HEAVY DUTY
220	61770425	1	**REV-C** ACTUATOR, VALVE, ELECTRIC, AKRON 9333
221	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
222	60036010	1	THREADS, NST
223	61840260	1	ADAPTER, 3" NST FE X 5" STORZ W/CAP & CHAIN, TFT - STRAIGHT
224	72810000	1	TWO CROSSLAYS 2" VALVE-PIPING 1.5" SWIVEL
225		1	**ENG Crosslay Hose Load Requirement = (2) 200' OF 1.75".
226	61720100	2	VALVE, AKRON HEAVY DUTY (2)
227	61770425	2	**REV-C** ACTUATOR, VALVE, ELECTRIC, AKRON 9333 (2)
228	77021010	2	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5" (2)
229	60036010	2	THREADS, NST (2)

Line	Item #	Qty	Item Description/Comments
230	72910520	1	COVER, VINYL FOR CROSSLAYS (SPH)
231		1	**ENG Crosslay/Speedlay Cover Color = Red.
232		1	**REV-A** **ENG Crosslay/Speedlay Cover Fastener = Snaps on Top/Bungee Cords with Red Pull Tabs.
233	61742000	1	MASTER PUMP DRAIN, MULTIPOINT
234	61730005	8	DRAIN VALVES, INNOVATIVE CONTROLS, LIFT-UP (8)
235	78521440	1	WATERWAY CONTROL, 4" VALVE, AKRON 9325 ELECTRIC ACTUATOR
236	61910100	1	WATERWAY DRAIN VALVE, AKRON 1.5" PUSH/PULL CONTROL
237	74920210	1	SPH1 - SIDE MOUNT PUMP PANEL
238	74930500	1	PANEL FINISH, BLACK VINYL
239	74931000	1	ESCUTCHEON PLATES
240	74931050	1	COLOR CODING
241		1	**ENG Color Coding Standard = Yes.
242	74931210	1	PUMP MODULE FRAMEWORK, NON-PAINTED
243	74931300	1	PUMP FINISH, PAINTED BY SUTPHEN
244		1	**ENG Painted Pump = Match Truck Color.
245	74931500	1	PLUMBING FINISH, PAINTED
246		1	**ENG Painted Plumbing = Match Truck Color.
247	75510210	1	PUMP OPERATOR LIGHTS, TECNIQ E41 LED STRIP
248	75530110	1	PUMP PANEL LIGHTS OFFICER'S SIDE, TECNIQ E41 LED STRIP
249	76010105	1	PUMP PANEL GAUGES & CONTROLS
250	60028050	1	PUMP PRIMER, TRIDENT, AIR
251	60028310	1	(1) PRIMER BUTTON - MAIN SUCTION
252	76025100	1	COMPRESSION FITTINGS ON AIR SYSTEM (CTZ PUMP MODULE)
253	76510060	1	GAUGES, MASTER, INNOVATIVE CONTROLS, 4"
254	77510050	1	GAUGE, WATER LEVEL, INNOVATIVE CONTROLS SL-14

Line	Item #	Qty	Item Description/Comments
255	83525200	1	WATER TANK BRAND, UPF
256	83520205	1	WATER TANK, 300 GAL, POLY (AERIALS)
257	80117010	1	BODY SPH-1, LEFT 48"H / RIGHT 48"H
258		1	**CLAR NOTES, -L2/L3 to be individual compartments. -R2/R3 to be individual compartments.
259	80029910	1	BODY SUBFRAME, SPH100
260	81130200	1	ADJUSTABLE SHELF [L3] (1)
261	81130200	1	**REV-A** ADJUSTABLE SHELF [L4] (1)
262	81150300	1	600# SLIDE-MASTER TRAY [L4] (1)
263	81130200	2	ADJUSTABLE SHELF [L5] (2)
264	81130200	1	ADJUSTABLE SHELF [L6] (1)
265	81130200	1	FIXED SHELF [R1] (1)
266		1	**ENG Install at compartment exhaust notch.
267	81130200	1	ADJUSTABLE SHELF [R2] (1)
268	81130200	1	ADJUSTABLE SHELF [R3] (1)
269	81150000	2	250# ADJUSTABLE VERTICAL SLIDE-OUT PANEL [R4] (2)
270	81130200	1	**REV-A** ADJUSTABLE SHELF [R5] (1)
271	81150300	1	**REV-A** 600# SLIDE-MASTER TRAY, 100% SLIDEOUT [R5] (1)
272	81130200	1	ADJUSTABLE SHELF [R6] (1)
273	81188888	1	SPECIAL NO VENT AT REAR OF A1 COMPARTMENT
274	81165705	1	UNISTRUT TRACK IN COMPTS
275	80288888	1	SPECIAL MIXED SPH COMPT DOORS, PAINTED
276		1	**CLAR NOTES, -L2/R2 and L3/R3 will be painted slam doors. -Remaining body side doors will be painted ROM Roll Ups. -A1 door will be swing-down treadplate with bump-outs for NY roof style poles in pike pole chutes if desired.
277	84531110	1	COMPT LIGHTING, AMDOR LED LIGHT STRIPS, 2 PER COMPT
278	81320205	1	SPH 100 HOSEBED, ALUM FLOORING

Line	Item #	Qty	Item Description/Comments
279		1	**ENG List the Hose Bed Hose Load Req. = 900' of 5".
280	81410000	1	COVER, VINYL, MAIN HOSE BED
281		1	**ENG Hosebed Cover Color = Red.
282	81440201	1	COVER FASTENERS, BUNGIE CORDS WITH RED TAB
283	81910500	1	HANDRAILS, KNURLED STS, SPH100
284	82014500	1	STEPS, IC FOLD DOWN W/LIGHT (SPH)
285		1	**ENG Step Light Color = White.
286	85510205	1	STEP LIGHTS, LED, WHELEN 2G AT PUMP PANEL & REAR BODY
287	82510000	1	RUB RAILS, ANODIZED ALUM
288	83010125	1	ALUMINUM TREADPLATE (SPH)
289	80290101	1	FIBERGLASS WHEEL WELL LINERS (SL100, SPH)
290	80231260	1	7 SCBA CYLINDER COMPTS (TANDEM BODY)
291	89028888	1	SPECIAL LADDER PACKAGE DUO SAFETY LADDERS 14' ROOF, (2) 24-2 SEC, 35'-SEC, 10' FRESNO
292		1	**REV-B** **CLAR NOTES, -Ladder Chute to have a swing door, hinged outboard. -Ladder Chute will hold all ladders in the ladder package. -Customer will supply 10' Folding in boom section.
293	89512200	1	LADDERS ENCLOSED IN HOSEBED ON BEAM (SPH)
294		1	**CLAR NOTES, -(1) 10' Fresno Attic Ladder. -(2) 24' - 2-Sec, 900A. -(1) 14', 775A. -(1) 35' - 2-Sec, 1200A.
295	84550199	1	LICENSE PLATE BRACKET - NOT PROVIDED
296	84511100	1	BODY ELECTRICAL DESCRIPTION
297	84520000	1	BACK UP ALARM, ECCO SA917
298	85010302	1	TAILLIGHTS, WHELEN 600 SERIES, LED STOP/TAIL/TURN/REVERSE, QUAD HOUSING (PAIR)
299	85110100	1	ICC LIGHTS, LED
300		1	**CLAR NOTES, -Do not install on Cab. -These will be built into Fire Tech Brow.
301	85130100	1	**REV-A** MARKER LIGHTS, BRITAX, FLEXIBLE, LED (PAIR)

Line	Item #	Qty	Item Description/Comments
302	85710020	1	UNDERCARRIAGE GROUND LIGHTS, LED
303	86520300	1	REAR WORK LIGHTS, (2) FIRETECH WL-2000-F-B, LED
304		1	**ENG Switched in Cab, Overhead Console Position 1, "Work Lights", Activate with Reverse.
305	86600000	1	OPTICAL WARNING SYSTEM, UPPER
306	86610100	1	UPPER WARNING LIGHTS, ZONE A (FRONT), WHELEN FREEDOM IV 72" LED LIGHT BAR, F4N7QLED, 8 MODULES
307		1	**ENG Zone A, Upper Lightbar Color / Details = (6) Red LED and (2) White LED w/Clear Lenses.
308	86699999	1	UPPER WARNING LIGHTS, ZONE B (OFFICER'S SIDE), COVERED BY ZONES A & C
309	86710105	1	UPPER WARNING LIGHTS, ZONE C (REAR), WHELEN LED BEACONS, L31 (PAIR)
310		1	**ENG Zone C, Upper Rear Beacon Color/Details = Red LED/Clear Lenses.
311	86810100	1	UPPER WARNING LIGHTS, ZONE C (REAR PLATFORM), WHELEN 600 SUPER LED, 60*02F*R (QTY 1)
312		1	**ENG Zone C, Upper Platform Warning Light Color/Details = Red LED/Red Lens.
313	86899999	1	UPPER WARNING LIGHTS, ZONE D (DRIVER'S SIDE), COVERED BY ZONES A & C
314	87100000	1	OPTICAL WARNING SYSTEM, LOWER
315	87110110	1	LOWER WARNING LIGHTS, ZONE A (FRONT), WHELEN 600 SUPER LED, 60*02F*R (QTY 4)
316		1	**ENG Zone A, Lower Warning Light Color, Lens Color, Details = Red LED/Red Lenses.
317	87811130	1	LOWER, ZONE A - MOUNTING LOCATION (DUAL HOUSINGS)
318		1	**ENG Zone A, Lower - Front, Mounting Location = (2) Warnings in top headlight housing, each side.
319	87210120	1	LOWER WARNING LIGHTS, ZONE B (OFFICER'S SIDE), WHELEN 600 SUPER LED, 60*02F*R (QTY 4)
320		1	**ENG Zone B, Lower Officer's Side Warning Light Color, Lens Color, Details = Red LED/Red Lenses.
321	87812140	1	LOWER, ZONE B - MOUNTING LOCATION (SL100, SPH100)
322		1	**ENG Zone B, Lower - Officer's Side, Mounting Location = -(1) Warning light near the front corner of the apparatus. -(1) under the turntable area. -(1) near the rear axle. -(1) near the rear corner of the apparatus.
323	87310100	1	LOWER WARNING LIGHTS, ZONE C (REAR), WHELEN 600 SUPER LED, 60*02F*R (QTY 2)
324		1	**ENG Zone C, Lower Rear Warning Light Color, Lens Color, Details = Red LED/Red Lenses.
325	87410120	1	LOWER WARNING LIGHTS, ZONE D (DRIVER'S SIDE), WHELEN 600 SUPER LED, 60*02F*R (QTY 4)

Line	Item #	Qty	Item Description/Comments
326		1	**ENG Zone D, Lower Driver's Side Warning Light Color, Lens Color, Details = Red LED/Red Lenses.
327	87814140	1	LOWER, ZONE D - MOUNTING LOCATION (SL100, SPH100)
328		1	**ENG Zone D, Lower - Driver's Side, Mounting Location = -(1) Warning light near the front corner of the apparatus. -(1) under the turntable area. -(1) near the rear axle. -(1) near the rear corner of the apparatus.
329	88393000	1	LIGHT, FIRETECH, 72" 3-PIECE BROW, 30K LUMENS, 12V LED FT-B-72-ML-3PKIT-* (1)
330		1	**CLAR NOTES, -White Housings. -Do not install any LED marker lights on the top of the cab. ICC Lights will be built into the Firetech Brow Lights. -Switched in Cab, Overhead Console Position 1, "Front Scene".
331	86588888	2	SPECIAL ITEM, SCENE LIGHT, FIRETECH MB DOUBLE STACK 30.2", 12V LED, FIXED, FT-MB-2.27-FT-* (2)
332		1	**CLAR NOTES, -White Housings. -(1) Mounted Each side of Cab, Above Drip Rail, Centered Above Cab Fixed Crew Window. -Switched in Cab, Overhead Console Position 1, "Left Cab Scene", "Right Cab Scene".
333	88390912	2	LIGHT, FR SPECTRA, LED, SURFACE MNT, 20K LUMENS, 12V (2)
334		1	**CLAR NOTES, -White Housings with Chrome Flange. -(1) Above L4 Compartment, Mounted in Treadplate Box. -(1) Above R4 Compartment, Mounted in treadplate Box. -Switched in Cab, Overhead Console Position 1, "Left Body Scene", "Right Body Scene".
335	86588888	1	SPECIAL ITEM, TREADPLATE HOUSING FOR SPECTRA FLUSHMOUNTS ON BODY
336		1	**CLAR NOTES, -(1) Treadplate box for the Spectra Light above the R4. -(1) Treadplate box for the Spectra Light above the L4.
337	88230221	1	**REV-A** GENERATOR, SMART POWER, 10KW ER HYD, AERIALS
338		1	**CLAR NOTES, -Mounted in Standard SPH Generator Location. -Switched on Allison Touchpad Shifter through Mode Button, Label "GEN PTO".
339	88250425	1	CIRCUIT BREAKER PANEL WITH 16 SPACES FOR BREAKERS
340	88251120	1	BREAKER PANEL, STD LOCATION (L2)
341		1	**ENG Breaker panel to be mounted as high as possible in the compartment.
342	88431105	1	HANNAY ECR-1614-17-18 REEL W/100' 10/3 (1)
343		1	**ENG Reel Mounting Location #1 = Officer's Side Outrigger Compartment.
344		1	**ENG Reel Motor Location #1 = Right Rear.
345	88432000	1	AKRON FOUR-WAY RECEPTACLE BOX, WIRED TO REEL CABLE (1)
346		1	**REV-A** **CLAR NOTES, -Receptacle Box Connected to cord reel via: L5-20 Pig tail.

Line	Item #	Qty	Item Description/Comments
			-Receptacle Box Junctions: (4) L5-20 Twist Locks.
347	88390811	1	LIGHT, FR SPECTRA, LED, SURFACE MNT, 20K LUMENS, 240V, FACE OF PLATFORM (1)
348		1	**CLAR NOTES, -White Housing with Chrome Flange. -Switched in Bucket. -Switched in Pedestal.
349	88390812	1	**REV-A** LIGHT, FR SPECTRA, LED, SURFACE MNT, 20K LUMENS, 240V, UNDER PLATFORM (1)
350		1	**CLAR NOTES, -White Housings with Chrome Flange. -Switched in Bucket. -Switched in Pedestal.
351	88390843	2	LIGHT, FR SPECTRA, LED, TELE, 20K LUMENS, 240V, SPH PLATFORM (2)
352		1	**REV-E** **CLAR NOTES, -White Housings with Chrome Flange. -Switched on Heads. -Switched in Bucket. -Switched in Pedestal. -Each light to be on separate relays for individual switching, "Left Tele" and "Right Tele".
353	10040610	1	MODEL SPH100, AERIAL COMPONENTS
354	94020236	1	AERIAL TOWER ASSEMBLY, SPH100
355	94020315	1	**REV-A** TURNTABLE ACCESS, LOWER LEFT, FIXED STEPS
356	94020320	1	**REV-A** FIXED STEP UNDER TURNTABLE ACCESS STEP
357	94020345	1	TURNTABLE ACCESS, UPPER LEFT, FOLDING STEPS
358	94020360	1	TURNTABLE ACCESS, UPPER RIGHT, FOLDING STEPS
359	94020250	1	INTERLOCK SYSTEM
360	94020260	1	ROTATION & SMART BOOM WARNING SYSTEM
361	94020272	1	HYDRAULIC SYSTEM - SPH100
362	94020900	1	12 VOLT AUXILIARY HYDRAULIC POWER
363	94020286	1	PEDESTAL CONTROLS, PROPORTIONAL TYPE, SPH100
364	94021212	1	BOOM ASSEMBLY - SPH100
365	94020465	1	AERIAL SPOT LIGHTS – (2) FIRETECH FT-WL-X-5-S-B, LED (SP95, 100, 110, SPH)
366	94021326	1	LADDER SPH 100 HIGH RAIL CABLE TRACK
367	94020490	1	LADDER LIGHTING SYSTEM, FIRETECH FT-WL-2000-S-B, LED

Line	Item #	Qty	Item Description/Comments
368		1	**ENG Ladder Lighting Color = Red.
369	94021337	1	HYDRAULIC CYLINDERS - SPH 100
370	94021344	1	AERIAL TOWER WATERWAY - 110 & SPH 100
371	94021027	1	OUTRIGGER GROUND JACKS, MANUAL CONTROL, SPH100
372	94021110	1	OUTRIGGER DISPLAY PANEL COVER, CLEAR PLEXIGLASS
373	93910012	1	JACK PADS, BLACK - SPH100
374	94021340	1	OPERATIONAL TEST - AERIAL PLATFORMS
375	94040051	1	LADDER TEST, MISTRAS GROUP, INC
376	94088888	1	**REV-A** SPECIAL ITEM, OUTRIGGER SPOT LIGHT, FIRETECH FT-WL-2000-S-B, LED (PAIR)
377		1	**CLAR NOTES, -(1) Each side, mounted on secondary (rear-facing) Pump Panel, high. -Blue LED. -Aim lights to show Outrigger set location. -Switched in Overhead Console Position 1. -Reference HS-6354 Columbus, OH.
378	94088888	1	SPECIAL ITEM, SECONDARY CAMERA SYSTEM FOR JACK PLACEMENT
379		1	**REV-C** **CLAR NOTES, -(1) Camera installed on top of R2 as far forward as possible. -(1) Camera installed on top of L2 as far forward as possible. -Camera Monitor Mounting Location: L1 Compartment. -Wired to Aerial PTO. -Monitor will show display when Aerial PTO is activated, otherwise the monitor will be off. -Combine video from both cameras into a split screen display on camera monitor.
380	94218888	1	**REV-B** SPECIAL ITEM, FMI 4-DOOR PLATFORM, SPH
381	94210130	1	DOOR SKIN, DIAMONDPLATE (SPH)
382	94210014	1	PLATFORM ACCESS LADDER
383	94210318	1	PLATFORM BOOM CONTROLS, PROPORTIONAL TYPE, SPH/SPI112
384	94210340	1	PLATFORM CONTROL COVER, VINYL
385		1	**ENG Platform Controls Vinyl Cover Color = Red.
386	94210230	1	PLATFORM SPOT LIGHT – (1) FIRETECH FT-WL-X-5-S-B, LED (SP95, 100, 110, SPH)
387	94210350	1	120 VOLT OUTLET IN PLATFORM
388		1	**REV-A** **ENG Nema Number = L5-20 Twist Lock.

Line	Item #	Qty	Item Description/Comments
389	94210802	1	75 GPM WATER CURTAIN FOR SPH 100 or SPI112
390	94210705	1	YOKE OUTLETS - SPH100
391	94210512	1	MONITOR, DS AKRON 3482 STREAM MASTER2, ELECTRIC, 1250 GPM W/AKRON 5177 ELECTRIC NOZZLE
392		1	**ENG Order with Wireless Remote.
393	94210511	1	MONITOR, OS, AKRON 3483 STREAM MASTER2 , MANUAL 1250 GPM
394	94210675	1	NOZZLE, OS, AKRON 2499 & 3488 PIPE
395	94210997	1	**REV-A** INTERCOM SYSTEM, FRC ACT 2-STATION
396	94211160	1	DELETE BREATHING AIR SYSTEM
397	94210017	1	**REV-A** PARAPET LADDER, SPH100
398	94280101	1	STOKES STORAGE BOX, PAINTED, MOUNTED ON BOOM (1)
399		1	**ENG Stokes Box Color = Red.
400		1	**ENG Stokes Box Mounting Location = Officer's Side.
401	94295001	1	SINGLE LIFTING EYE, 800 LB.
402	94280150	1	**REV-A** STOKES ARMS, SPH100 PLATFORM
403	89910010	1	CORROSION REDUCTION PROGRAM (PROPOSALS)
404	90030005	1	TWO TONE CAB TO BOTTOM OF WINDSHIELD
405		1	**ENG Upper Color for Two Tone Paint = White.
406		1	**ENG Lower Color for Two Tone Paint = Red.
407	90030165	1	PAINT FRAME RAILS, FUEL BEAM, BODY REAR DROP & LOWER AERIAL COMPONENTS - BODY COLOR (TANDEM)
408	90030032	1	PAINT, TURNTABLE, SIDE PLATES & LIFT CYLINDER OTHER THAN SILVER
409		1	**ENG Note Paint Color Other Than Silver = Red.
410	90030034	1	PAINT, LADDER SHEAVE BEAMS, EXT CYLINDER & YOKE OTHER THAN SILVER
411		1	**ENG Note Paint Color Other Than Silver = Red.
412	90510000	1	3" LETTERING, 22K UP TO 40
413	90574100	1	INSTALL FIRE DEPT EMBLEMS (Pair)

Line	Item #	Qty	Item Description/Comments
414		1	**REV-D** **ENG AGI will have these on hand for installation.
415	90610210	1	6" SCOTCHLITE STRIPE AROUND TRUCK (TANDEM)
416	90630405	1	MITER EDGED "Z" STRIPE
417	90630110	2	1" SCOTCHLITE STRIPE ABOVE OR BELOW - EACH (TANDEM) (2)
418	90630210	2	1/8" BLACK EDGE ABOVE OR BELOW SCOTCHLITE - EACH (TANDEM) (2)
419	90681120	1	CHEVRON STRIPING, REAR BODY OUTBOARD, REFLEXITE (Aerial Platforms)
420		1	**ENG Chevron Striping, Rear Body Color = #030 Red Transparent & #L2 Fluorescent Lime.
421	90681420	1	CHEVRON STRIPING, REAR PLATFORM OUTBOARD, REFLEXITE
422		1	**ENG Chevron Striping, Rear of Platform Color = #030 Red Transparent & #L2 Fluorescent Lime.
423	90710075	1	BOOM SIGN, APPROX 88" X 26"
424		1	**ENG State Boom Sign Paint Color = Red.
425	90720140	1	14" LETTERING FOR BOOM SIGN
426		1	**ENG List Special Lettering/Striping Details = "OHIO FIRE ACADEMY"
427	90688888	1	SPECIAL ITEM, ALUMINUM PLATE ON BUCKET FOR LETTERING
428		1	**REV-A** **CLAR NOTES, -(1) under Platform. Install 3.5" from rear edge of Platform. Plate to be 20"W x 18"H. -Verbiage: "T 1" -White Reflective Letters with Black Shade. -Plates will be Painted Red.
429	90688888	1	SPECIAL ITEM, BUCKET PLATE LETTERING
430		1	**REV-A** **CLAR NOTES, -Verbiage on Bucket Aluminum Plate: "T 1" -Letters will be 14", Red Vinyl with Yellow Outline. -See Reference Photo #01 on shared drive.
431	91010000	1	MISC EQUIP - (1) PINT TOUCH-UP PAINT, STAINLESS STEEL NUTS & BOLTS
432	91030702	1	ZIAMATIC SAC-44 FOLDING WHEEL CHOCKS (PAIR) MTD IN REAR LADDER ACCESS AREA (SPH)
433		1	**ENG Wheel Chock Mounting Locations = Stored in rear ladder access area.
434	89050100	1	PIKE POLE STORAGE TUBES, (3) EA SIDE
435	99010000	1	MANUALS (1-PRINTED & 1-USB) WITH DVD
436	99031110	1	DELIVERY, AERIAL APPARATUS

Line	Item #	Qty	Item Description/Comments
437	99510320	1	WARRANTY, 2 YR. OR 30,000 MILES - AERIALS (DUBLIN)
438	PDB000562	2	DEALER SUPPLIED - CUSTOMER SUPPLIED ANTENNA INSTALL (2)
439	PDB001288	1	DEALER SUPPLIED - 14' ROOF LADDER MOUNTING ON FIFTH SECTION
440	PDB001289	1	DEALER SUPPLIED - OHIO STATE FIRE ACADEMY LOOSE EQUIPMENT PACKAGE
441	PDB000849	1	DEALER SUPPLIED - HERITAGE FIRE EQUIPMENT