

FAC 2184 PARACHUTE AND DINGHY MAINTENANCE SHOP

FY22 SUC: \$5.43 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2184 PARACHUTE AND DINGHY MAINTENANCE SHOP
Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 10967.0

SUC \$5.43

Adjusted Occurrences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair metal steps	15	460.00 S.F.	\$42,382.64	\$49,269.25	3.3333	3	3	\$147,807.74	\$147,807.74
Replace metal stair railing, interior	45	78.00 L.F.	\$3,350.55	\$3,921.83	1.1111	1	1	\$3,921.83	\$3,921.83
Office painting, 10' x 12', 10' high walls	5	4.00 Ea.	\$883.94	\$1,084.25	10.0000	10	10	\$10,842.53	\$10,842.53
Repair 4" x 4" thin set ceramic tile - (2% of walls)	10	0.17 C.S.F.	\$137.92	\$166.20	5.0000	5	5	\$830.98	\$830.98
Refinish concrete floor finished	25	71.00 C.S.F.	\$29,949.74	\$35,974.30	2.0000	2	2	\$71,948.60	\$71,948.60
Quarry tile floor repairs - (2% of floors)	15	15.00 S.F.	\$94.92	\$118.35	3.3333	3	3	\$355.05	\$355.05
Replace quarry tile floor	50	750.00 S.F.	\$9,177.32	\$11,078.20	1.0000	1	1	\$11,078.20	\$11,078.20
Replace carpet	8	47.00 S.Y.	\$2,585.77	\$2,986.23	6.2500	6	6	\$17,917.41	\$17,917.41
Acoustic tile repairs - (2% of ceilings)	9	1.05 C.S.F.	\$953.09	\$1,107.67	5.5556	5	5	\$5,538.34	\$5,538.34
Replace acoustic tile ceiling, fire-rated	20	52.58 C.S.F.	\$27,563.94	\$32,488.45	2.5000	2	2	\$64,976.90	\$64,976.90
Replace flush valve diaphragm tankless water closet	10	9.00 Ea.	\$235.98	\$292.82	5.0000	5	5	\$1,464.11	\$1,464.11
Rebuild flush valve tankless water closet	20	9.00 Ea.	\$1,623.90	\$1,957.11	2.5000	2	2	\$3,914.23	\$3,914.23
Unplug clogged line tankless water closet	5	9.00 Ea.	\$1,965.56	\$2,458.14	10.0000	10	10	\$24,581.41	\$24,581.41
Replace tankless water closet	35	9.00 Ea.	\$11,575.99	\$13,396.46	1.4286	1	1	\$13,396.46	\$13,396.46
Replace tankless flush valve	25	9.00 Ea.	\$2,269.94	\$2,664.99	2.0000	2	2	\$5,329.99	\$5,329.99
Replace wax ring gasket for tankless water closet	5	9.00 Ea.	\$1,273.67	\$1,591.44	10.0000	10	10	\$15,914.38	\$15,914.38
Replace flush valve diaphragm for a urinal	7	4.00 Ea.	\$104.88	\$130.14	7.1429	7	7	\$911.00	\$911.00
Rebuild flush valve for a urinal	20	4.00 Ea.	\$721.74	\$869.83	2.5000	2	2	\$1,739.66	\$1,739.66
Unplug line urinal	5	4.00 Ea.	\$580.29	\$725.71	10.0000	10	10	\$7,257.12	\$7,257.12
Replace wall-hung urinal	35	4.00 Ea.	\$3,875.45	\$4,676.42	1.4286	1	1	\$4,676.42	\$4,676.42
Replace washer in spud connection lavatory, enameled steel	7	9.00 Ea.	\$150.41	\$183.53	7.1429	7	7	\$1,284.73	\$1,284.73
Replace washer in faucet lavatory, enameled steel	2	9.00 Ea.	\$114.99	\$143.24	25.0000	25	25	\$3,581.09	\$3,581.09
Replace faucets lavatory, enameled steel	10	9.00 Ea.	\$1,635.53	\$1,968.80	5.0000	5	5	\$9,843.99	\$9,843.99
Clean out strainer and P trap lavatory, enameled steel	2	9.00 Ea.	\$313.82	\$392.47	25.0000	25	25	\$9,811.78	\$9,811.78
Replace lavatory lavatory, enameled steel	35	9.00 Ea.	\$6,380.22	\$7,709.30	1.4286	1	1	\$7,709.30	\$7,709.30
Replace faucet washer sink, service/utility	2	1.00 Ea.	\$12.78	\$15.92	25.0000	25	25	\$397.90	\$397.90
Clean trap	3	1.00 Ea.	\$8.57	\$10.72	16.6667	16	16	\$171.50	\$171.50
Replace faucets sink, service/utility	10	1.00 Ea.	\$181.73	\$218.76	5.0000	5	5	\$1,093.78	\$1,093.78
Unstop sink	2	1.00 Ea.	\$41.82	\$52.30	25.0000	25	25	\$1,307.56	\$1,307.56
Replace sink, P.E.C.I. service/utility	35	1.00 Ea.	\$1,567.25	\$1,832.96	1.4286	1	1	\$1,832.96	\$1,832.96
Inspect and clean shower head emergency shower station	3	1.00 Ea.	\$49.39	\$61.77	16.6667	16	16	\$988.34	\$988.34

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace shower emergency shower station	25	1.00 Ea.	\$941.97	\$1,129.12	2.0000	2	2	\$2,258.23	\$2,258.23
Inspect and clean spray heads, emergency eye wash	3	1.00 Ea.	\$49.39	\$61.77	16.6667	16	16	\$988.34	\$988.34
Replace eye wash station, emergency eye wash	25	1.00 Ea.	\$1,114.34	\$1,325.00	2.0000	2	2	\$2,649.99	\$2,649.99
Overhaul water heater, gas / oil, 30 gallon	5	1.00 Ea.	\$116.88	\$146.17	10.0000	10	10	\$1,461.75	\$1,461.75
Clean and service water heater, gas / oil, 30 gallon	1	1.00 Ea.	\$196.62	\$245.89	50.0000	50	50	\$12,294.44	\$12,294.44
Replace water heater, gas / oil, 30 gallon	10	1.00 Ea.	\$3,061.72	\$3,546.32	5.0000	5	5	\$17,731.59	\$17,731.59
Check gas pressure natural gas, pressure reducing valve	5	1.00 Ea.	\$9.67	\$12.09	10.0000	10	10	\$120.91	\$120.91
Replace pressure regulator 1/2" diam. pipe natural gas	14	1.00 Ea.	\$112.81	\$133.77	3.5714	3	3	\$401.31	\$401.31
Repair boiler, gas, 250 MBH	7	1.00 Ea.	\$2,031.05	\$2,390.45	7.1429	7	7	\$16,733.15	\$16,733.15
Replace boiler, gas, 250 MBH	30	1.00 Ea.	\$9,398.04	\$11,210.13	1.6667	1	1	\$11,210.13	\$11,210.13
Replace metal flue, all fuel SS, 6" diameter metal flue / chimney	15	1.00 L.F.	\$129.05	\$149.45	3.3333	3	3	\$448.36	\$448.36
Repair cooling tower, 50 ton	10	1.00 Ea.	\$1,244.67	\$1,481.97	5.0000	5	5	\$7,409.84	\$7,409.84
Repair reciprocating chiller, air cooled, 50 ton	10	1.00 Ea.	\$57,771.66	\$67,630.76	5.0000	5	5	\$338,153.79	\$338,153.79
Replace chiller, air cooled, 50 ton	20	1.00 Ea.	\$64,270.84	\$74,812.79	2.5000	2	2	\$149,625.58	\$149,625.58
Replace fan & motor, propeller exhaust, 1000 CFM exhaust fan	15	4.00 Ea.	\$3,417.51	\$4,028.22	3.3333	3	3	\$12,084.65	\$12,084.65
Repair terminal reheat, 18" x 24" coil	10	1.00 Ea.	\$103.74	\$129.74	5.0000	5	5	\$648.68	\$648.68
Replace terminal reheat, 18" x 24" coil	15	1.00 Ea.	\$2,009.00	\$2,312.37	3.3333	3	3	\$6,937.11	\$6,937.11
Repair central station A.H.U., 33,500 CFM	10	1.00 Ea.	\$4,175.39	\$4,808.85	5.0000	5	4	\$24,044.27	\$19,235.42
Replace central station A.H.U., 33,500 CFM	15	1.00 Ea.	\$141,107.95	\$162,304.53	3.3333	3	3	\$486,913.59	\$486,913.59
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	50.0000	50	50	\$2,146.43	\$2,146.43
Replace sprinkler head	20	65.00 Ea.	\$5,558.98	\$6,837.32	2.5000	2	2	\$13,674.64	\$13,674.64
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$710.41	\$851.09	50.0000	50	50	\$42,554.69	\$42,554.69
Maintenance and inspection switchgear, indoor, 600 V	3	1.00 Ea.	\$40.64	\$50.92	16.6667	16	16	\$814.74	\$814.74
Replace switchgear, indoor, 600 V	30	1.00 Ea.	\$3,067.94	\$3,675.24	1.6667	1	1	\$3,675.24	\$3,675.24
Maintenance and repair motor starter, up to 600 V	5	3.00 Ea.	\$838.92	\$1,012.79	10.0000	10	10	\$10,127.94	\$10,127.94
Maintenance and inspection motor starter, up to 600 V	0.5	3.00 Ea.	\$161.94	\$202.89	100.0000	100	100	\$20,289.02	\$20,289.02
Replace starter motor starter, up to 600 V	18	3.00 Ea.	\$2,415.93	\$2,874.22	2.7778	2	2	\$5,748.45	\$5,748.45
Maintenance and repair secondary transformer, dry	10	1.00 Ea.	\$232.44	\$278.27	5.0000	5	5	\$1,391.33	\$1,391.33
Maintenance and inspection secondary transformer, dry	0.5	1.00 Ea.	\$80.65	\$101.05	100.0000	100	100	\$10,104.73	\$10,104.73
Replace transformer 112.5 KVA	30	1.00 Ea.	\$8,947.19	\$10,428.10	1.6667	1	1	\$10,428.10	\$10,428.10
Maintenance and inspection lighting panel, indoor	3	3.00 Ea.	\$121.93	\$152.76	16.6667	16	16	\$2,444.23	\$2,444.23
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	10.00 Ea.	\$717.63	\$899.08	2.5000	2	2	\$1,798.16	\$1,798.16

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	10.00 Ea.	\$323.88	\$405.78	100.0000	100	100	\$40,578.05	\$40,578.05
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	10.00 Ea.	\$5,482.89	\$6,387.05	1.0000	1	1	\$6,387.05	\$6,387.05
Maintenance and repair safety switch general, 2 pole	8	1.00 Ea.	\$40.64	\$50.92	6.2500	6	6	\$305.53	\$305.53
Replace low voltage cartridge safety switch	50	1.00 Ea.	\$57.52	\$69.10	1.0000	1	1	\$69.10	\$69.10
Replace lamps (2 lamps), 4', 34 W energy saver	10	125.00 Ea.	\$3,151.75	\$3,947.37	5.0000	5	5	\$19,736.83	\$19,736.83
Repair smoke detector	10	8.00 Ea.	\$451.10	\$557.71	5.0000	5	4	\$2,788.56	\$2,230.85
Check operation smoke detector	1	8.00 Ea.	\$129.55	\$162.31	50.0000	50	50	\$8,115.61	\$8,115.61
Replace smoke detector	15	8.00 Ea.	\$2,273.90	\$2,715.70	3.3333	3	3	\$8,147.09	\$8,147.09
Repair heat detector	10	8.00 Ea.	\$491.02	\$603.08	5.0000	5	5	\$3,015.38	\$3,015.38
Check operation heat detector	1	8.00 Ea.	\$129.55	\$162.31	50.0000	50	50	\$8,115.61	\$8,115.61
Replace heat detector	15	8.00 Ea.	\$1,367.71	\$1,672.33	3.3333	3	3	\$5,016.98	\$5,016.98
Check and repair manual pull station	10	8.00 Ea.	\$701.57	\$862.64	5.0000	5	4	\$4,313.21	\$3,450.57
Replace manual pull station	15	8.00 Ea.	\$1,627.74	\$1,959.53	3.3333	3	3	\$5,878.59	\$5,878.59
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	10.0000	10	10	\$1,822.75	\$1,822.75
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	100.0000	100	100	\$5,410.41	\$5,410.41
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	3.3333	3	3	\$7,175.76	\$7,175.76
Replace fire alarm bell, 6"	20	12.00 Ea.	\$2,339.54	\$2,823.31	2.5000	2	2	\$5,646.61	\$5,646.61
Maintenance and repair building structure ground	7	0.80 M.L.F.	\$70.31	\$87.83	7.1429	7	7	\$614.81	\$614.81
Replace building structure ground	50	0.80 M.L.F.	\$3,469.94	\$4,254.89	1.0000	1	1	\$4,254.89	\$4,254.89
Maintenance and repair of general wiring lightning protection system	1	1.20 M.L.F.	\$116.07	\$143.79	50.0000	50	50	\$7,189.59	\$7,189.59
Replace lightning protection general wiring system	25	1.20 M.L.F.	\$13,210.95	\$15,715.19	2.0000	2	2	\$31,430.38	\$31,430.38
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$87.89	\$109.79	50.0000	50	48	\$5,489.36	\$5,269.78
Replace lightning ground rod	25	1.00 Ea.	\$226.09	\$280.29	2.0000	2	2	\$560.58	\$560.58
Replace lamp emergency lighting fixture	2	30.00 Ea.	\$1,640.68	\$1,976.27	25.0000	25	25	\$49,406.74	\$49,406.74
Maintenance and repair exit light	20	30.00 Ea.	\$1,116.05	\$1,380.09	2.5000	2	2	\$2,760.19	\$2,760.19
Replace lamp exit light	5	30.00 Ea.	\$505.40	\$598.90	10.0000	10	10	\$5,989.04	\$5,989.04
Replace lamp with exit light L.E.D. retrofit kits	15	8.00 Ea.	\$576.92	\$667.31	3.3333	3	3	\$2,001.92	\$2,001.92
Replace metal floor grating	30	48.00 S.F.	\$1,893.79	\$2,175.25	1.6667	1	1	\$2,175.25	\$2,175.25
Waterproof concrete block wall, 1st floor	10	55.00 C.S.F.	\$12,485.14	\$14,850.46	5.0000	5	5	\$74,252.30	\$74,252.30
Point and refinish painted concrete block wall, 1st floor	25	55.50 C.S.F.	\$26,072.62	\$32,179.19	2.0000	2	2	\$64,358.38	\$64,358.38
Refinish steel louver, 1st floor	5	1.00 Ea.	\$97.04	\$120.41	10.0000	10	10	\$1,204.06	\$1,204.06
Repair 3'-9" x 5'-5" steel frame window - 1st floor.	20	15.00 Ea.	\$4,474.55	\$5,256.27	2.5000	2	2	\$10,512.54	\$10,512.54
Replace 3'-9" x 5'-5" steel frame window - 1st floor.	45	15.00 Ea.	\$24,852.87	\$28,616.56	1.1111	1	1	\$28,616.56	\$28,616.56
Repair 2'-0" x 3'-0" steel frame window - 2nd floor.	20	4.00 Ea.	\$765.28	\$921.82	2.5000	2	2	\$1,843.65	\$1,843.65
Replace 2'-0" x 3'-0" steel frame window - 2nd floor.	45	4.00 Ea.	\$2,195.52	\$2,614.47	1.1111	1	1	\$2,614.47	\$2,614.47

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Repair steel, painted, door	14	6.00 Ea.	\$3,750.45	\$4,464.03	3.5714	3	3	\$13,392.10	\$13,392.10	
Replace 3'-0" x 7'-0" steel, painted, door	45	6.00 Ea.	\$4,230.38	\$4,918.39	1.1111	1	1	\$4,918.39	\$4,918.39	
Refinish 12' x 24' steel double roll-up door	5	2.00 Ea.	\$815.72	\$999.15	10.0000	10	10	\$9,991.53	\$9,991.53	
Replace 12' x 24' steel double roll-up door	35	2.00 Ea.	\$10,814.33	\$12,835.47	1.4286	1	1	\$12,835.47	\$12,835.47	
Replace brass door hinge	60	6.00 Ea.	\$1,133.02	\$1,363.16	0.8333	0	0	\$0.00	\$0.00	
Replace brass door lockset exterior	30	6.00 Ea.	\$2,845.20	\$3,290.90	1.6667	1	1	\$3,290.90	\$3,290.90	
Replace brass door closer	15	6.00 Ea.	\$1,471.23	\$1,735.77	3.3333	3	3	\$5,207.32	\$5,207.32	
Replace brass door weatherstripping exterior	20	6.00 Ea.	\$1,455.68	\$1,771.33	2.5000	2	2	\$3,542.66	\$3,542.66	
Debris removal, by hand and visual inspection, thermosetting	1	8.40 M.S.F.	\$316.34	\$385.84	50.0000	50	50	\$19,292.07	\$19,292.07	
Non - destructive moisture inspection, thermosetting	5	8.40 M.S.F.	\$981.59	\$1,197.24	10.0000	10	10	\$11,972.43	\$11,972.43	
Minor membrane repairs, 2% of roof area, thermoset	1	1.68 Sq.	\$570.17	\$679.03	50.0000	50	50	\$33,951.55	\$33,951.55	
Flashing repairs, 2 S.F. per sq. repaired, thermoset	1	3.00 S.F.	\$7.29	\$8.87	50.0000	50	50	\$443.30	\$443.30	
Minor replacement, 25% of roof area, thermoset	10	21.00 Sq.	\$8,642.37	\$10,205.30	5.0000	5	5	\$51,026.52	\$51,026.52	
Total thermoset roof replacement	20	94.00 Sq.	\$74,246.32	\$87,639.95	2.5000	2	2	\$175,279.89	\$175,279.89	
Repair glass skylight glazing single unit	6	8.00 S.F.	\$501.94	\$592.02	8.3333	8	8	\$4,736.18	\$4,736.18	
Replace continuous skylight and structure	40	8.00 C.S.F.	\$33,415.96	\$39,145.07	1.2500	1	1	\$39,145.07	\$39,145.07	
Repair 8" concrete block wall - (2% of walls) painted	25	1.00 C.S.F.	\$1,089.65	\$1,308.36	2.0000	2	2	\$2,616.71	\$2,616.71	
Refinish concrete block wall painted	4	51.20 C.S.F.	\$5,167.04	\$6,291.88	12.5000	12	12	\$75,502.51	\$75,502.51	
Repair steel painted interior door	14	8.00 Ea.	\$2,347.62	\$2,732.51	3.5714	3	3	\$8,197.54	\$8,197.54	
Refinish 3'-0" x 7'-0" steel painted interior door	4	8.00 Ea.	\$420.68	\$518.29	12.5000	12	12	\$6,219.49	\$6,219.49	
Replace 3'-0" x 7'-0" steel painted interior door	60	8.00 Ea.	\$9,744.28	\$11,296.67	0.8333	0	0	\$0.00	\$0.00	
Repair steel unpainted door steel	14	2.00 Ea.	\$586.90	\$683.13	3.5714	3	3	\$2,049.38	\$2,049.38	
Replace 1 1/2 pair brass hinges	60	8.00 Ea.	\$2,631.04	\$3,095.20	0.8333	0	0	\$0.00	\$0.00	
Replace brass lockset interior	30	8.00 Ea.	\$2,633.52	\$3,052.12	1.6667	1	1	\$3,052.12	\$3,052.12	
Replace brass door closer	15	8.00 Ea.	\$1,822.80	\$2,144.20	3.3333	3	3	\$6,432.61	\$6,432.61	
Replace brass weatherstripping interior	20	8.00 Ea.	\$1,717.12	\$2,084.78	2.5000	2	2	\$4,169.56	\$4,169.56	
Replace panic bar	25	6.00 Ea.	\$7,119.20	\$8,179.74	2.0000	2	2	\$16,359.48	\$16,359.48	
Replace toilet partitions, painted metal-overhead braced, per stall	20	9.00 Ea.	\$5,650.93	\$6,650.19	2.5000	2	2	\$13,300.37	\$13,300.37	
			\$766,655.62	\$901,038.42				MR Subtotal	\$2,618,012.87	
									MR Per Year	\$52,312.45
									PM Total	\$7,255.54
									Subtotal	\$59,567.99
									Total Per Unit	\$5.43

FAC 2184 PARACHUTE AND DINGHY MAINTENANCE SHOP

SUC \$5.43

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 50

Type PM

Average Size 10967.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	2.00	8.14	\$81.92	\$337.62	\$0.00	\$419.54	\$529.02	\$642.60
Fire doors, swinging, annualized	3.00	1.18	\$42.96	\$43.67	\$0.00	\$86.64	\$104.03	\$123.58
Urinals, annualized	4.00	0.91	\$25.27	\$45.81	\$0.00	\$71.09	\$87.36	\$104.89
Toilet (vacuum breaker type), annualized	9.00	1.59	\$75.98	\$80.08	\$0.00	\$156.06	\$187.68	\$223.10
Lavatories, annualized	9.00	3.13	\$53.68	\$186.33	\$0.00	\$240.02	\$301.28	\$365.24
Drink fountain, annualized	3.00	1.86	\$62.18	\$93.83	\$0.00	\$156.00	\$190.37	\$227.84
Water heater, gas, to 120 gal., annualized	1.00	1.72	\$58.64	\$86.78	\$0.00	\$145.42	\$177.31	\$212.14
Boiler, hot water, oil, gas, or comb. fired, 120 - 500 MBH, annualized	1.00	15.88	\$77.34	\$947.08	\$0.00	\$1,024.42	\$1,316.27	\$1,612.00
Air handling unit, 3 thru 24 tons, annualized	1.00	2.06	\$224.44	\$103.96	\$0.00	\$328.40	\$382.03	\$446.89
Fan, axial, up to 5,000 CFM, annualized	2.00	2.49	\$23.46	\$125.10	\$0.00	\$148.56	\$188.43	\$229.48
Package unit, air cooled, 25 thru 50 ton, annualized	1.00	3.25	\$176.92	\$195.58	\$0.00	\$372.51	\$448.87	\$534.09
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$70.77	\$115.41	\$0.00	\$186.18	\$227.88	\$273.12
Backflow prevention device, up to 4", annualized	1.00	0.33	\$13.40	\$19.82	\$0.00	\$33.22	\$40.50	\$48.46
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Switchboard, annualized	2.00	1.40	\$7.98	\$92.20	\$0.00	\$100.18	\$128.64	\$157.50
Circuit breaker, high voltage air, annualized	2.00	0.94	\$30.31	\$62.16	\$0.00	\$92.47	\$114.15	\$137.35
Transformer, dry type 500 KVA and over, annualized	2.00	1.54	\$30.31	\$101.53	\$0.00	\$131.84	\$165.33	\$200.33
Panelboard, 225 A and above, annualized	4.00	1.76	\$92.79	\$116.03	\$0.00	\$208.82	\$252.91	\$301.64
Motor control center, over 400 A, annualized	3.00	1.17	\$69.59	\$77.70	\$0.00	\$147.29	\$177.56	\$211.31
Light, emergency, hardwired system, annualized	1.00	0.25	\$7.73	\$14.76	\$0.00	\$22.50	\$27.70	\$33.29
						\$4,817.76	\$6,004.30	\$7,255.54

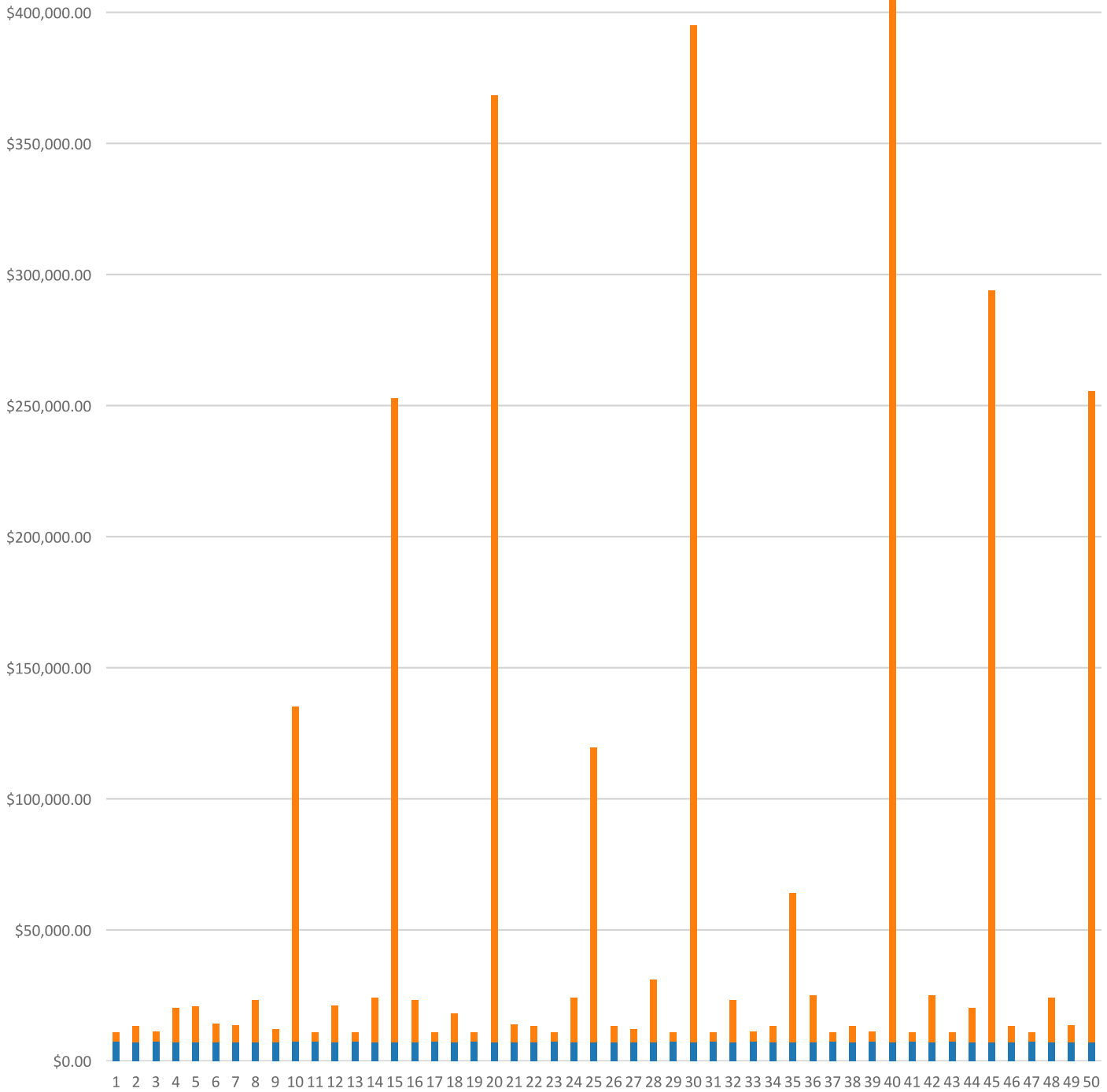
FAC 2184 PARACHUTE AND DINGHY MAINTENANCE SHOP

Modeled Component List CostWorks Release 2021 Qtr 3

C20 Stairs	
Metal Interior Stair Railing	78.0 L.F.
C30 Interior Finishes	
Concrete, Finished	71.0 C.S.F.
Quarry Tile	750.0 S.F.
Carpet	47.0 S.Y.
Acoustic Tile, fire-rated	52.58 C.S.F.
D20 Plumbing	
Tankless Water Closet	9.0 Ea.
Urinal	4.0 Ea.
Lavatory, Enameled Steel	9.0 Ea.
Service/Utility Sink	1.0 Ea.
Emergency Shower Station	1.0 Ea.
Emergency Eye Wash	1.0 Ea.
Water Heater, Gas / Oil, 30 Gallon	1.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	1.0 Ea.
Metal Flue / Chimney, 6" diameter	1.0 L.F.
Chiller, Air Cooled, Reciprocating, 50 ton	1.0 Ea.
Exhaust Fan, propeller exh., 4700 CFM	4.0 Ea.
Terminal Reheat Coil, 18" x 24"	1.0 Ea.
Central Station Air Conditioning Air Handling Unit, 33,500 CFM	1.0 Ea.
D40 Fire Protection	
Sprinkler System, Fire Supression, sprinkler head	65.0 Ea.
Sprinkler System, Fire Supression , 3" backflow preventer	1.0 Ea.
D50 Electrical	
Switchgear, Indoor, 600 V	1.0 Ea.
Motor Starter, Up To 600 V	3.0 Ea.
Secondary Transformer, Dry, 112.5 KVA	1.0 Ea.
Load Center, 100 A, maintenance & inspection	3.0 Ea.
Circuit Breaker, molded case, 480 V, 1 pole	10.0 Ea.
Smoke Detector	8.0 Ea.
Heat Detector	8.0 Ea.
Manual Pull Station	8.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	12.0 Ea.
Building Structure Ground	0.8 M.L.F.
Lightning Protection System	1.2 M.L.F.
Lightning Ground Rod	1.0 Ea.
B20 Exterior Enclosure	
Steel Frame, Operating, 1st floor	15.0 Ea.
Steel Frame, Fixed, 2nd floor	4.0 Ea.
Steel, Painted	6.0 Ea.
Steel Double, Roll-Up	2.0 Ea.
Hinges, Brass	6.0 Ea.
Lockset, Brass	6.0 Ea.
Door Closer, Brass	6.0 Ea.
B30 Roofing	
Thermosetting	94.0 Sq.
Single Unit Glass Skylight	8.0 C.S.F.
C10 Interior Construction	
Concrete Block, Painted	51.2 C.S.F.

Steel Painted Interior Doors	8.0 Ea.
Hinges, Brass	8.0 Ea.
Lockset, Brass	8.0 Ea.
Door Closer, Brass	8.0 Ea.
Aluminum Weatherstripping	8.0 Ea.
Panic Bar	6.0 Ea.
Toilet Partitions, painted metal	9.0 Ea.
Fire Doors, Swinging, annualized	3.0 Each

FAC 2184 PARACHUTE AND DINGHY MAINTENANCE SHOP
Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost