

FAC 2116 AIRCRAFT MAINTENANCE SHOP, DEPOT

FY24 SUC:	\$3.51 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 2116 AIRCRAFT MAINTENANCE SHOP, DEPOT

SUC \$3.51

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 40
Average Size 21826.0

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
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	4.80 S.F.	\$63.12	\$74.11	40.0000	40	40	\$2,964.58	\$2,964.58
Replace flush valve diaphragm for a urinal	7	4.00 Ea.	\$109.06	\$135.42	5.7143	5	5	\$677.12	\$677.12
Replace washer in faucet lavatory, vitreous china	2	10.00 Ea.	\$135.67	\$169.17	20.0000	20	20	\$3,383.44	\$3,383.44
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	20.00 Ea.	\$3,126.26	\$3,725.43	2.0000	2	2	\$7,450.86	\$7,450.86
Repair 2'-0" x 3'-0" aluminum window - 2nd floor	20	12.00 Ea.	\$2,476.72	\$2,981.88	2.0000	2	2	\$5,963.77	\$5,963.77
Replace 2'-0" x 3'-0" aluminum window - 2nd floor	50	12.00 Ea.	\$8,731.45	\$10,290.26	0.8000	0	0	\$0.00	\$0.00
Repair steel, painted, door	14	3.00 Ea.	\$2,107.00	\$2,502.58	2.8571	2	2	\$5,005.16	\$5,005.16
Refinish 3'-0" x 7'-0" steel, painted, door	4	3.00 Ea.	\$138.16	\$169.19	10.0000	10	10	\$1,691.89	\$1,691.89
Replace tempered glass - (3% of glass) steel painted door	1	1.89 S.F.	\$59.98	\$70.81	40.0000	40	40	\$2,832.25	\$2,832.25
Remove and replace electric bi-folding hangar door motor	15	2.00 Ea.	\$1,323.45	\$1,543.89	2.6667	2	2	\$3,087.79	\$3,087.79
Remove and replace electric bi-folding hangar door cables	15	2.00 Ea.	\$1,245.40	\$1,515.15	2.6667	2	2	\$3,030.30	\$3,030.30
Remove and replace electric bi-folding hangar door	20	2.00 Ea.	\$115,331.23	\$133,609.74	2.0000	2	2	\$267,219.48	\$267,219.48
Non - destructive moisture inspection, thermosetting	5	0.02 M.S.F.	\$2.52	\$3.08	8.0000	8	8	\$24.64	\$24.64
Minor membrane repairs, 2% of roof area, thermoset	1	4.20 Sq.	\$1,462.73	\$1,746.15	40.0000	40	40	\$69,845.92	\$69,845.92
Flashing repairs, 2 S.F. per sq. repaired, thermoset	1	64.00 S.F.	\$169.87	\$206.53	40.0000	40	40	\$8,261.39	\$8,261.39
Minor replacement, 25% of roof area, thermoset	10	28.00 Sq.	\$12,705.46	\$14,990.32	4.0000	4	4	\$59,961.27	\$59,961.27
Total thermoset roof replacement	20	21.00 Sq.	\$19,038.48	\$22,422.95	2.0000	2	2	\$44,845.90	\$44,845.90
Replace Roof edges, aluminum, duranodic, .050" thick, 6" face	25	380.00 L.F.	\$18,025.26	\$20,994.93	1.6000	1	1	\$20,994.93	\$20,994.93
Prepare and refinish interior metal gate	5	16.00 Ea.	\$348.41	\$428.70	8.0000	8	8	\$3,429.60	\$3,429.60
Repair medium weight vinyl wall covering - (2% of walls)	1	0.03 C.S.F.	\$13.23	\$15.51	40.0000	40	40	\$620.42	\$620.42
Rebuild flush valve for a urinal	20	4.00 Ea.	\$767.52	\$925.08	2.0000	2	2	\$1,850.15	\$1,850.15
Unplug line urinal	5	4.00 Ea.	\$610.57	\$764.33	8.0000	8	8	\$6,114.61	\$6,114.61
Replace wall-hung urinal	35	4.00 Ea.	\$4,350.08	\$5,232.19	1.1429	1	1	\$5,232.19	\$5,232.19
Replace washer in spud connection lavatory, vitreous china	7	10.00 Ea.	\$173.21	\$211.41	5.7143	5	5	\$1,057.04	\$1,057.04
Replace faucets lavatory, vitreous china	10	10.00 Ea.	\$1,954.72	\$2,351.21	4.0000	4	4	\$9,404.86	\$9,404.86
Clean out strainer and P trap lavatory, vitreous china	2	10.00 Ea.	\$368.19	\$460.91	20.0000	20	20	\$9,218.14	\$9,218.14
Replace lavatory, vitreous china	35	10.00 Ea.	\$7,187.23	\$8,634.06	1.1429	1	1	\$8,634.06	\$8,634.06
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$13.45	\$16.77	20.0000	20	20	\$335.39	\$335.39
Clean trap sink, iron enamel	3	1.00 Ea.	\$9.01	\$11.27	13.3333	13	13	\$146.56	\$146.56

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace faucets sink, iron enamel	10	1.00 Ea.	\$195.47	\$235.12	4.0000	4	4	\$940.49	\$940.49
Unstop sink, iron enamel	2	1.00 Ea.	\$44.01	\$55.09	20.0000	20	20	\$1,101.88	\$1,101.88
Replace sink, P.E.C.I. sink, iron enamel kitchen	35	1.00 Ea.	\$1,208.43	\$1,409.28	1.1429	1	1	\$1,409.28	\$1,409.28
Replace aluminum gutter, enameled, 5" K type, .027 " thick	40	120.00 L.F.	\$1,238.46	\$1,496.16	1.0000	1	1	\$1,496.16	\$1,496.16
Replace roof hatch and structure single unit	40	2.00 Ea.	\$3,269.65	\$3,767.39	1.0000	1	1	\$3,767.39	\$3,767.39
Replace galvanized roof hatch and structure single unit	40	2.00 Ea.	\$4,103.72	\$4,715.20	1.0000	1	1	\$4,715.20	\$4,715.20
Repair steel painted interior door	14	7.00 Ea.	\$1,952.92	\$2,279.78	2.8571	2	2	\$4,559.55	\$4,559.55
Refinish 3'-0" x 7'-0" steel painted interior door	4	7.00 Ea.	\$403.56	\$496.14	10.0000	10	10	\$4,961.41	\$4,961.41
Safety glass replacement, (3% of glass) steel painted interior door	1	4.41 S.F.	\$110.01	\$129.69	40.0000	40	40	\$5,187.62	\$5,187.62
Repair solid core wood door, interior	11	6.00 Ea.	\$1,673.93	\$1,954.09	3.6364	3	3	\$5,862.28	\$5,862.28
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	6.00 Ea.	\$264.09	\$325.43	10.0000	10	9	\$3,254.27	\$2,928.84
Replace 3'-0" x 7'-0" solid core wood door, interior	40	6.00 Ea.	\$3,399.30	\$3,924.59	1.0000	1	1	\$3,924.59	\$3,924.59
Inspect / clean shower head fiberglass	3	4.00 Ea.	\$206.14	\$258.05	13.3333	13	13	\$3,354.70	\$3,354.70
Replace mixing valve barrel shower, fiberglass	2	4.00 Ea.	\$1,192.90	\$1,403.33	20.0000	20	20	\$28,066.57	\$28,066.57
Replace shower and fittings, fiberglass	20	4.00 Ea.	\$4,396.32	\$5,241.23	2.0000	2	2	\$10,482.46	\$10,482.46
Check / minor repairs drinking fountain	1	3.00 Ea.	\$154.57	\$193.50	40.0000	40	40	\$7,740.01	\$7,740.01
Repair internal leaks drinking fountain	4	3.00 Ea.	\$143.30	\$179.39	10.0000	10	10	\$1,793.91	\$1,793.91
Correct water pressure drinking fountain	2	3.00 Ea.	\$132.03	\$165.28	20.0000	20	20	\$3,305.63	\$3,305.63
Replace refrigerant drinking fountain	2	3.00 Ea.	\$106.22	\$124.29	20.0000	20	20	\$2,485.78	\$2,485.78
Repair drain leak drinking fountain	4	3.00 Ea.	\$87.29	\$105.57	10.0000	10	8	\$1,055.68	\$844.54
Replace fountain drinking fountain	10	3.00 Ea.	\$4,862.44	\$5,712.90	4.0000	4	4	\$22,851.61	\$22,851.61
Inspect and clean shower head emergency shower station	3	2.00 Ea.	\$103.07	\$129.03	13.3333	13	13	\$1,677.35	\$1,677.35
Replace shower emergency shower station	25	2.00 Ea.	\$2,106.16	\$2,518.30	1.6000	1	1	\$2,518.30	\$2,518.30
Inspect and clean spray heads, emergency eye wash	3	2.00 Ea.	\$103.07	\$129.03	13.3333	13	13	\$1,677.35	\$1,677.35
Replace eye wash station, emergency eye wash	25	2.00 Ea.	\$1,571.83	\$1,911.10	1.6000	1	1	\$1,911.10	\$1,911.10
Resolder joint pipe & fittings, copper	10	2.00 Ea.	\$100.27	\$123.69	4.0000	4	4	\$494.76	\$494.76
Replace pipe and fittings, copper 3/4"	20	16.00 L.F.	\$399.95	\$484.74	2.0000	2	2	\$969.47	\$969.47
Replace pipe and fittings, copper 2"	25	16.00 L.F.	\$838.84	\$1,008.95	1.6000	1	1	\$1,008.95	\$1,008.95
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$157.93	\$193.51	2.6667	2	2	\$387.02	\$387.02
Remove old insulation & replace with new, pipe 1-1/2", wall 1"	15	16.00 L.F.	\$180.41	\$220.05	2.6667	2	2	\$440.09	\$440.09

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Drain and flush water heater, electric, 120 gallon	7	1.00 Ea.	\$309.15	\$387.00	5.7143	5	5	\$1,935.00	\$1,935.00
Check operation water heater, electric, 120 gallon	3	1.00 Ea.	\$2.72	\$3.40	13.3333	13	13	\$44.20	\$44.20
Replace water heater, electric, 120 gallon	15	1.00 Ea.	\$16,477.14	\$18,839.91	2.6667	2	2	\$37,679.82	\$37,679.82
Unclog floor drain, PVC	20	4.00 Ea.	\$201.81	\$252.63	2.0000	2	2	\$505.25	\$505.25
Repair joint pipe and fittings, PVC	10	8.00 Ea.	\$1,345.29	\$1,665.82	4.0000	4	4	\$6,663.28	\$6,663.28
Replace pipe, 4" pipe and fittings, PVC	30	16.00 L.F.	\$1,327.08	\$1,638.04	1.3333	1	1	\$1,638.04	\$1,638.04
General maintenance & repair drain: roof, scupper, area	1	12.00 Ea.	\$470.16	\$588.56	40.0000	40	40	\$23,542.54	\$23,542.54
Replace drain: roof, scupper, area	40	12.00 Ea.	\$13,564.48	\$15,646.20	1.0000	1	1	\$15,646.20	\$15,646.20
Maintenance and repair standard suspended heater	2	4.00 Ea.	\$458.90	\$541.48	20.0000	20	20	\$10,829.53	\$10,829.53
Maintenance and inspection standard suspended heater	0.5	4.00 Ea.	\$329.27	\$412.53	80.0000	80	80	\$33,002.62	\$33,002.62
Replace heater standard suspended heater	15	4.00 Ea.	\$2,915.02	\$3,379.77	2.6667	2	2	\$6,759.54	\$6,759.54
Repair single zone rooftop unit, 25 ton	10	2.00 Ea.	\$108,611.62	\$125,037.21	4.0000	4	3	\$500,148.85	\$375,111.64
Replace single zone rooftop unit, 25 ton	15	2.00 Ea.	\$104,910.92	\$121,844.54	2.6667	2	2	\$243,689.08	\$243,689.08
Inspect sprinkler system	1	1.00 Ea.	\$36.17	\$45.28	40.0000	40	40	\$1,811.38	\$1,811.38
Replace sprinkler head	20	50.00 Ea.	\$4,382.39	\$5,407.59	2.0000	2	2	\$10,815.19	\$10,815.19
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$748.17	\$896.73	40.0000	40	40	\$35,869.16	\$35,869.16
Replace fire pump / electric motor assembly 100 H.P.	25	1.00 Ea.	\$48,011.97	\$55,351.32	1.6000	1	1	\$55,351.32	\$55,351.32
Repair switchgear 1200 A mainframe	5	1.00 Ea.	\$1,803.55	\$2,115.75	8.0000	8	6	\$16,926.02	\$12,694.51
Maintenance and inspection switchgear, mainframe	1	1.00 Ea.	\$68.26	\$85.52	40.0000	40	40	\$3,420.61	\$3,420.61
Replace switchgear 1200 A mainframe	20	1.00 Ea.	\$4,250.93	\$5,127.30	2.0000	2	2	\$10,254.60	\$10,254.60
Repair switchboard meter	10	4.00 Ea.	\$4,874.48	\$5,736.50	4.0000	4	4	\$22,945.98	\$22,945.98
Maintenance and repair inverter	1	2.00 Ea.	\$1,587.73	\$1,902.90	40.0000	40	40	\$76,115.91	\$76,115.91
Maintenance and inspection inverter	0.25	2.00 Ea.	\$273.03	\$342.06	160.0000	160	160	\$54,729.77	\$54,729.77
Maintenance and repair rectifier, up to 600 V	2	2.00 Ea.	\$1,341.86	\$1,604.06	20.0000	20	20	\$32,081.21	\$32,081.21
Maintenance and repair motor starter, 600 V	3	2.00 Ea.	\$1,402.34	\$1,726.08	13.3333	13	13	\$22,439.10	\$22,439.10
Maintenance and inspection lighting panel, indoor	3	3.00 Ea.	\$127.03	\$159.15	13.3333	13	13	\$2,068.99	\$2,068.99
Maintenance and repair breaker, molded case, 480 V, 2 pole	20	12.00 Ea.	\$910.08	\$1,140.20	2.0000	2	2	\$2,280.41	\$2,280.41
Replace safety switch, heavy duty 30 A	25	12.00 Ea.	\$8,119.54	\$9,674.82	1.6000	1	1	\$9,674.82	\$9,674.82
Maintenance and repair safety switch general, 2 pole	8	2.00 Ea.	\$84.69	\$106.10	5.0000	5	5	\$530.51	\$530.51
Maintenance and inspection safety switch, 2 pole	1	2.00 Ea.	\$84.69	\$106.10	40.0000	40	40	\$4,244.09	\$4,244.09
Maintenance and repair receptacles and plugs	20	52.00 Ea.	\$2,290.25	\$2,859.06	2.0000	2	2	\$5,718.11	\$5,718.11
Replace 4-pin receptacle	20	24.00 Ea.	\$3,670.23	\$4,364.90	2.0000	2	2	\$8,729.81	\$8,729.81

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 repair wiring devices, switches	10	28.00 Ea.	\$1,233.21	\$1,539.49	4.0000	4	4	\$6,157.97	\$6,157.97
Maintenance and repair incandescent lighting fixtures	10	14.00 Ea.	\$942.68	\$1,126.27	4.0000	4	4	\$4,505.06	\$4,505.06
Replace incandescent lighting fixture lamp	5	14.00 Ea.	\$179.76	\$216.35	8.0000	8	8	\$1,730.82	\$1,730.82
Replace fluorescent light fixture ballast, 80 W	10	32.00 Ea.	\$3,347.40	\$4,127.71	4.0000	4	4	\$16,510.82	\$16,510.82
Replace lamps (2 lamps), 4', 34 W energy saver	10	32.00 Ea.	\$847.54	\$1,061.41	4.0000	4	4	\$4,245.62	\$4,245.62
Replace metal halide ballast, 175 W	10	24.00 Ea.	\$4,005.29	\$4,794.35	4.0000	4	4	\$19,177.39	\$19,177.39
Replace metal halide fixture lamp, 175 W	5	24.00 Ea.	\$1,370.32	\$1,667.80	8.0000	8	8	\$13,342.38	\$13,342.38
Repair smoke detector	10	29.00 Ea.	\$1,682.29	\$2,083.14	4.0000	4	3	\$8,332.58	\$6,249.43
Check operation smoke detector	1	29.00 Ea.	\$493.03	\$617.69	40.0000	40	40	\$24,707.58	\$24,707.58
Replace smoke detector	15	29.00 Ea.	\$8,774.02	\$10,475.33	2.6667	2	2	\$20,950.67	\$20,950.67
Check and repair manual pull station	10	8.00 Ea.	\$719.07	\$885.97	4.0000	4	3	\$3,543.90	\$2,657.92
Replace manual pull station	15	8.00 Ea.	\$1,670.07	\$2,014.10	2.6667	2	2	\$4,028.21	\$4,028.21
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.42	\$182.60	8.0000	8	8	\$1,460.76	\$1,460.76
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$45.50	\$57.01	80.0000	80	80	\$4,560.81	\$4,560.81
Replace fire alarm control panel	15	1.00 Ea.	\$2,196.12	\$2,675.47	2.6667	2	2	\$5,350.95	\$5,350.95
Replace fire alarm bell, 6"	20	4.00 Ea.	\$722.42	\$879.09	2.0000	2	2	\$1,758.17	\$1,758.17
Maintenance and repair special ground system	4	1.00 Ea.	\$22.69	\$28.43	10.0000	10	10	\$284.26	\$284.26
Maintenance and repair voice/data outlet	10	12.00 Ea.	\$651.88	\$814.10	4.0000	4	4	\$3,256.40	\$3,256.40
Replace voice/data outlet	20	12.00 Ea.	\$319.13	\$389.32	2.0000	2	2	\$778.65	\$778.65
Maintenance and inspection patch panel	0.5	1.00 Ea.	\$91.01	\$114.02	80.0000	80	80	\$9,121.63	\$9,121.63
Replace patch panel	15	1.00 Ea.	\$886.40	\$1,066.81	2.6667	2	2	\$2,133.61	\$2,133.61
Remove and replace 50 HP pump motor	25	1.00 Ea.	\$9,015.62	\$10,299.87	1.6000	1	1	\$10,299.87	\$10,299.87
Minor repairs to annunciation panel	5	2.00 Ea.	\$298.83	\$365.19	8.0000	8	8	\$2,921.53	\$2,921.53
Maintenance and inspection annunciation panel	0.5	2.00 Ea.	\$91.01	\$114.02	80.0000	80	80	\$9,121.63	\$9,121.63
Rebuild 4" diameter reduced pressure backflow preventer	10	1.00 Ea.	\$921.17	\$1,072.81	4.0000	4	4	\$4,291.25	\$4,291.25
Replace medium weight vinyl wall covering	15	1.60 C.S.F.	\$821.14	\$970.67	2.6667	2	2	\$1,941.35	\$1,941.35
Repair 5/8" drywall - (2% of walls)	20	497.00 S.F.	\$830.45	\$1,014.87	2.0000	2	2	\$2,029.74	\$2,029.74
Refinish drywall	4	497.00 S.F.	\$336.79	\$413.74	10.0000	10	10	\$4,137.42	\$4,137.42
Refinish concrete floor finished	25	68.00 C.S.F.	\$28,327.25	\$34,178.07	1.6000	1	1	\$34,178.07	\$34,178.07
Replace vinyl tile flooring	18	30.55 S.Y.	\$1,560.78	\$1,920.73	2.2222	2	2	\$3,841.46	\$3,841.46
Replace vinyl sheet flooring	18	32.11 S.Y.	\$2,781.17	\$3,350.08	2.2222	2	2	\$6,700.16	\$6,700.16
Replace carpet	8	32.60 S.Y.	\$1,760.29	\$2,035.62	5.0000	5	5	\$10,178.12	\$10,178.12
Repair gypsum board ceiling - (2% of ceilings)	20	0.31 C.S.F.	\$117.57	\$144.37	2.0000	2	2	\$288.75	\$288.75
Refinish gypsum board ceiling, up to 12' high	20	15.32 C.S.F.	\$2,223.09	\$2,735.04	2.0000	2	1	\$5,470.09	\$2,735.04
Replace gypsum board ceiling, up to 12' high	40	15.32 C.S.F.	\$6,037.74	\$7,416.24	1.0000	1	1	\$7,416.24	\$7,416.24

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Replace acoustic tile ceiling, fire-rated	20	9.03 C.S.F.	\$4,703.98	\$5,559.75	2.0000	2	2	\$11,119.49	\$11,119.49	
Replace flush valve diaphragm tankless water closet	10	7.00 Ea.	\$190.85	\$236.99	4.0000	4	4	\$947.97	\$947.97	
Rebuild flush valve tankless water closet	20	7.00 Ea.	\$1,343.17	\$1,618.88	2.0000	2	2	\$3,237.77	\$3,237.77	
Unplug clogged line tankless water closet	5	7.00 Ea.	\$1,609.50	\$2,014.82	8.0000	8	8	\$16,118.57	\$16,118.57	
Replace tankless water closet	35	7.00 Ea.	\$9,915.88	\$11,468.25	1.1429	1	1	\$11,468.25	\$11,468.25	
Replace tankless flush valve	25	7.00 Ea.	\$1,891.70	\$2,220.52	1.6000	1	1	\$2,220.52	\$2,220.52	
Replace wax ring gasket for tankless water closet	5	7.00 Ea.	\$1,044.15	\$1,305.87	8.0000	8	8	\$10,447.00	\$10,447.00	
Refinish fire escape balcony, 2' wide	7	128.00 L.F.	\$3,252.61	\$3,910.04	5.7143	5	5	\$19,550.20	\$19,550.20	
Replace fire escape balcony, 2' wide	25	128.00 L.F.	\$30,370.67	\$36,770.22	1.6000	1	1	\$36,770.22	\$36,770.22	
Refinish fire escape stair and platform	7	3.00 Flight	\$1,827.94	\$2,197.42	5.7143	5	5	\$10,987.12	\$10,987.12	
Repair clay brick wall, 1st floor	25	492.00 S.F.	\$22,262.57	\$27,364.27	1.6000	1	1	\$27,364.27	\$27,364.27	
Replace aluminum siding, 1st floor	35	14.30 C.S.F.	\$8,860.99	\$10,672.88	1.1429	1	1	\$10,672.88	\$10,672.88	
Replace aluminum siding, 2nd floor	35	14.30 C.S.F.	\$10,866.21	\$13,164.12	1.1429	1	1	\$13,164.12	\$13,164.12	
Replace aluminum siding, 3rd floor	35	14.30 C.S.F.	\$12,078.16	\$14,669.82	1.1429	1	1	\$14,669.82	\$14,669.82	
Replace glass - 1st floor (1% of glass) - steel frame window	1	4.92 S.F.	\$64.69	\$75.97	40.0000	40	40	\$3,038.69	\$3,038.69	
			\$767,499.92	\$902,179.07				MR Subtotal	\$2,259,796.80	
									MR Per Year	\$56,494.92
									PM Total	\$20,067.75
									Subtotal	\$76,562.67
									Total Per Unit	\$3.51

FAC 2116 AIRCRAFT MAINTENANCE SHOP, DEPOT

SUC \$3.51

Release 2023 Qtr 4
UM SF
Zip Code Prefix 222
Design Life 40
Type PM
Average Size 21826.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Hanger doors, sliding, annualized	2.00	4.51	\$59.17	\$198.79	\$0.00	\$257.96	\$323.51	\$392.02
Door, emergency egress, swinging, annualized	4.00	1.04	\$67.05	\$45.93	\$0.00	\$112.99	\$133.47	\$157.31
Fire doors, swinging, annualized	4.00	1.57	\$62.66	\$61.82	\$0.00	\$124.49	\$149.30	\$177.25
Urinals, annualized	3.00	0.68	\$19.89	\$36.49	\$0.00	\$56.38	\$69.32	\$83.25
Toilet (vacuum breaker type), annualized	7.00	1.24	\$61.98	\$66.23	\$0.00	\$128.21	\$154.28	\$183.45
Lavatories, annualized	10.00	3.48	\$77.92	\$218.00	\$0.00	\$295.92	\$369.12	\$446.21
Showers, annualized	4.00	0.91	\$54.04	\$57.38	\$0.00	\$111.42	\$134.04	\$159.36
Drink fountain, annualized	3.00	1.86	\$112.33	\$99.41	\$0.00	\$211.74	\$252.80	\$299.47
Fan, axial, up to 5,000 CFM, annualized	4.00	4.98	\$33.19	\$266.83	\$0.00	\$300.03	\$383.39	\$468.42
Package unit, air cooled, 3 thru 24 ton, annualized	2.00	4.79	\$333.96	\$303.46	\$0.00	\$637.42	\$761.85	\$902.98
Backflow prevention device, up to 4", annualized	1.00	0.33	\$14.02	\$20.93	\$0.00	\$34.94	\$42.62	\$51.01
Fire pump, electric motor driven, annualized	1.00	47.75	\$37.44	\$2,986.60	\$0.00	\$3,024.04	\$3,923.77	\$4,825.37
Extinguishing system, dry pipe, annualized	1.00	13.02	\$104.24	\$819.68	\$0.00	\$923.92	\$1,180.24	\$1,441.78
Extinguishing system, foam pump electric, annualized	2.00	35.44	\$657.80	\$1,918.40	\$0.00	\$2,576.20	\$3,217.50	\$3,891.69
Switchboard, annualized	4.00	2.80	\$15.91	\$195.89	\$0.00	\$211.80	\$272.16	\$333.31
Circuit breaker, high voltage air, annualized	2.00	0.94	\$27.66	\$64.95	\$0.00	\$92.61	\$114.86	\$138.50
Switch, selector, high voltage, air, annualized	4.00	1.63	\$55.32	\$113.41	\$0.00	\$168.73	\$208.28	\$250.60
Transformer, dry type 500 KVA and over, annualized	2.00	1.54	\$27.66	\$107.22	\$0.00	\$134.88	\$169.82	\$206.13
Panelboard, 225 A and above, annualized	4.00	1.76	\$88.00	\$121.66	\$0.00	\$209.66	\$254.96	\$304.66
Fire alarm annunciator system, annualized	2.00	22.10	\$326.87	\$1,391.85	\$0.00	\$1,718.72	\$2,168.96	\$2,635.55
Security, intrusion alarm system, annualized	1.00	3.83	\$149.07	\$241.25	\$0.00	\$390.32	\$477.61	\$572.34
Light, emergency, hardwired system, annually	14.00	1.75	\$90.52	\$110.42	\$0.00	\$200.94	\$243.12	\$289.82
Crane, electric bridge, up to 5 ton, annualized	1.00	2.92	\$206.82	\$107.79	\$0.00	\$314.61	\$367.63	\$430.99
Crane, electric bridge, 5 to 15 ton, annualized	1.00	7.67	\$504.92	\$282.72	\$0.00	\$787.64	\$922.95	\$1,083.50
Pump, air lift, well, annualized	2.00	3.63	\$34.12	\$187.59	\$0.00	\$221.71	\$281.40	\$342.79
						\$13,247.28	\$16,576.95	\$20,067.75

FAC 2116 AIRCRAFT MAINTENANCE SHOP, DEPOT

Modeled Component List CostWorks Release 2023 Qtr 4

B20 Exterior Enclosure		
Aluminum Window, Fixed, 2nd floor	12.0	Ea.
Electric Bifolding Hangar Door Motor	2.0	Ea.
Aluminum Siding, 1st floor	14.3	C.S.F.
Aluminum Siding, 2nd floor	14.3	C.S.F.
Aluminum Siding, 3rd floor	14.3	C.S.F.
B30 Roofing		
Thermosetting	21.0	Sq.
Aluminum Gutter	120.0	L.F.
Aluminum Roof Hatch	2.0	Ea.
Galvanized Roof Hatch	2.0	Ea.
D20 Plumbing		
Urinal	4.0	Ea.
Lavatory, Vitreous China	10.0	Ea.
Sink, Iron Enamel	1.0	Ea.
Shower, Fiberglass	4.0	Ea.
Drinking Fountain	3.0	Ea.
Emergency Shower Station	2.0	Ea.
Emergency Eye Wash	2.0	Ea.
Water Heater, Electric, 120 Gallon	1.0	Ea.
Drain: Roof, Scupper, Area	12.0	Ea.
Tankless Water Closet	7.0	Ea.
C10 Interior Construction		
Solid Core Interior Doors	6.0	Ea.
Fire Doors, Swinging, annualized	4.0	Each
D30 HVAC		
Standard Suspended Heater	4.0	Ea.
Single Zone Air Conditioner, 25 ton	2.0	Ea.
D40 Fire Protection		
Sprinkler System, Fire Supression, sprinkler head	50.0	Ea.
Sprinkler System, Fire Supression , 3" backflow preventer	1.0	Ea.
Fire Pump Electric Motor	1.0	Ea.
Backflow Preventer	1.0	Ea.
Fire Pump, Electric, annualized	1.0	Each
Extinguishing system, dry pipe, annualized	1.0	Each
D50 Electrical		
Switchgear, Mainframe	1.0	Ea.
Load Center, 100 A, maintenance & inspection	3.0	Ea.
Safety Switch, Heavy Duty	12.0	Ea.
Smoke Detector	29.0	Ea.
Manual Pull Station	8.0	Ea.
Fire Alarm Control Panel	1.0	Ea.
Fire Alarm Bell	4.0	Ea.
C30 Interior Finishes		
Vinyl Wall Covering	1.6	C.S.F.
Concrete, Finished	68.0	C.S.F.
Vinyl	30.55	S.Y.
Vinyl Sheet	32.11	S.Y.
Carpet	32.6	S.Y.
Gypsum Wall Board	15.32	C.S.F.
Acoustic Tile, fire-rated	9.03	C.S.F.
E10 Equipment		

Crane, Electric, up to 5 ton, annualized

1.0 Each

Crane, Electric, 5 to 15 ton, annualized

1.0 Each

FAC 2116 AIRCRAFT MAINTENANCE SHOP, DEPOT
Sustainment by Year
CostWorks Release 2023 Qtr 4

