

FAC 2112 AIRCRAFT MAINTENANCE SHOP

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|-----------|---|
| FY24 SUC: | \$4.41 / SF |
| Source: | Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices |

FAC 2112 AIRCRAFT MAINTENANCE SHOP

SUC \$4.41

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 40
Average Size 10915.0

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 vinyl tile flooring | 18 | 8.00 S.Y. | \$408.71 | \$502.97 | 2.2222 | 2 | 2 | \$1,005.95 | \$1,005.95 |
| Replace vinyl sheet flooring | 18 | 8.00 S.Y. | \$692.91 | \$834.65 | 2.2222 | 2 | 2 | \$1,669.30 | \$1,669.30 |
| Replace acoustic tile ceiling, fire-rated | 20 | 8.00 C.S.F. | \$4,167.42 | \$4,925.58 | 2.0000 | 2 | 2 | \$9,851.16 | \$9,851.16 |
| Replace aluminum siding, 1st floor | 35 | 14.00 C.S.F. | \$8,675.09 | \$10,448.97 | 1.1429 | 1 | 1 | \$10,448.97 | \$10,448.97 |
| Replace aluminum siding, 2nd floor | 35 | 14.00 C.S.F. | \$10,638.25 | \$12,887.95 | 1.1429 | 1 | 1 | \$12,887.95 | \$12,887.95 |
| Replace glass - 1st floor (1% of glass) - steel frame window | 1 | 5.76 S.F. | \$75.74 | \$88.94 | 40.0000 | 40 | 40 | \$3,557.49 | \$3,557.49 |
| Repair 3'-9" x 5'-5" steel frame window - 1st floor. | 20 | 24.00 Ea. | \$7,773.78 | \$9,125.95 | 2.0000 | 2 | 2 | \$18,251.90 | \$18,251.90 |
| Refinish 3'-9" x 5'-5" steel frame window - 1st floor. | 5 | 24.00 Ea. | \$2,093.06 | \$2,591.19 | 8.0000 | 8 | 8 | \$20,729.52 | \$20,729.52 |
| Replace 3'-9" x 5'-5" steel frame window - 1st floor. | 45 | 24.00 Ea. | \$43,347.58 | \$49,896.99 | 0.8889 | 0 | 0 | \$0.00 | \$0.00 |
| Finish new 3'-9" x 5'-5" steel frame window - 1st floor. | 45 | 24.00 Ea. | \$1,822.96 | \$2,255.26 | 0.8889 | 0 | 0 | \$0.00 | \$0.00 |
| Replace glass - 2nd floor (1% of glass) - steel frame window | 1 | 1.30 S.F. | \$147.30 | \$181.84 | 40.0000 | 40 | 40 | \$7,273.67 | \$7,273.67 |
| Repair 3'-9" x 5'-5" steel frame window - 2nd floor. | 20 | 24.00 Ea. | \$8,975.71 | \$10,619.20 | 2.0000 | 2 | 2 | \$21,238.41 | \$21,238.41 |
| Refinish 3'-9" x 5'-5" steel frame window - 2nd floor. | 5 | 24.00 Ea. | \$3,812.53 | \$4,729.71 | 8.0000 | 8 | 8 | \$37,837.71 | \$37,837.71 |
| Replace 3'-9" x 5'-5" steel frame window - 2nd floor. | 45 | 24.00 Ea. | \$44,549.51 | \$51,390.25 | 0.8889 | 0 | 0 | \$0.00 | \$0.00 |
| Finish new 3'-9" x 5'-5" steel frame window - 2nd floor. | 45 | 24.00 Ea. | \$3,542.43 | \$4,393.78 | 0.8889 | 0 | 0 | \$0.00 | \$0.00 |
| Repair steel, painted, door | 14 | 4.00 Ea. | \$2,809.34 | \$3,336.77 | 2.8571 | 2 | 2 | \$6,673.54 | \$6,673.54 |
| Refinish 3'-0" x 7'-0" steel, painted, door | 4 | 4.00 Ea. | \$184.22 | \$225.58 | 10.0000 | 10 | 10 | \$2,255.85 | \$2,255.85 |
| Replace 3'-0" x 7'-0" steel, painted, door | 45 | 4.00 Ea. | \$3,668.44 | \$4,247.70 | 0.8889 | 0 | 0 | \$0.00 | \$0.00 |
| Replace tempered glass - (3% of glass) steel painted door | 1 | 2.52 S.F. | \$79.98 | \$94.41 | 40.0000 | 40 | 40 | \$3,776.34 | \$3,776.34 |
| Repair 12' x 12' steel roll-up door | 10 | 3.00 Ea. | \$2,103.35 | \$2,499.67 | 4.0000 | 4 | 4 | \$9,998.68 | \$9,998.68 |
| Refinish 12' x 12' steel roll-up door | 5 | 3.00 Ea. | \$691.10 | \$842.85 | 8.0000 | 8 | 8 | \$6,742.81 | \$6,742.81 |
| Replace 12' x 12' steel roll-up door | 35 | 3.00 Ea. | \$8,413.39 | \$9,998.68 | 1.1429 | 1 | 1 | \$9,998.68 | \$9,998.68 |
| Debris removal, by hand and visual inspection, metal panel roofing | 1 | 3.48 M.S.F. | \$85.45 | \$104.23 | 40.0000 | 40 | 40 | \$4,169.05 | \$4,169.05 |
| Replace flush valve diaphragm tankless water closet | 10 | 8.00 Ea. | \$218.11 | \$270.85 | 4.0000 | 4 | 4 | \$1,083.39 | \$1,083.39 |
| Rebuild flush valve tankless water closet | 20 | 8.00 Ea. | \$1,535.05 | \$1,850.15 | 2.0000 | 2 | 2 | \$3,700.30 | \$3,700.30 |
| Unplug clogged line tankless water closet | 5 | 8.00 Ea. | \$1,839.43 | \$2,302.65 | 8.0000 | 8 | 8 | \$18,421.23 | \$18,421.23 |
| Replace tankless water closet | 35 | 8.00 Ea. | \$11,332.44 | \$13,106.57 | 1.1429 | 1 | 1 | \$13,106.57 | \$13,106.57 |
| Replace tankless flush valve | 25 | 8.00 Ea. | \$2,161.94 | \$2,537.74 | 1.6000 | 1 | 1 | \$2,537.74 | \$2,537.74 |
| Replace wax ring gasket for tankless water closet | 5 | 8.00 Ea. | \$1,193.32 | \$1,492.43 | 8.0000 | 8 | 8 | \$11,939.42 | \$11,939.42 |

| Description | Frequency | Qty Unit | Total In-House | Total Incl OP | Design Life/Frequency | Occurrences in Design Life | Adjusted Occurrences | Life Cost | Adjusted Cost |
|---|-----------|------------|----------------|---------------|-----------------------|----------------------------|----------------------|-------------|---------------|
| Replace flush valve diaphragm for a urinal | 7 | 4.00 Ea. | \$109.06 | \$135.42 | 5.7143 | 5 | 5 | \$677.12 | \$677.12 |
| 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 | 12.00 Ea. | \$207.86 | \$253.69 | 5.7143 | 5 | 5 | \$1,268.45 | \$1,268.45 |
| Replace washer in faucet lavatory, vitreous china | 2 | 12.00 Ea. | \$162.81 | \$203.01 | 20.0000 | 20 | 20 | \$4,060.13 | \$4,060.13 |
| Replace faucets lavatory, vitreous china | 10 | 12.00 Ea. | \$2,345.66 | \$2,821.46 | 4.0000 | 4 | 4 | \$11,285.83 | \$11,285.83 |
| Clean out strainer and P trap lavatory, vitreous china | 2 | 12.00 Ea. | \$441.82 | \$553.09 | 20.0000 | 20 | 20 | \$11,061.77 | \$11,061.77 |
| Unstop sink, iron enamel | 2 | 2.00 Ea. | \$88.02 | \$110.19 | 20.0000 | 20 | 20 | \$2,203.75 | \$2,203.75 |
| Replace sink, P.E.C.I. sink, iron enamel kitchen | 35 | 2.00 Ea. | \$2,416.86 | \$2,818.55 | 1.1429 | 1 | 1 | \$2,818.55 | \$2,818.55 |
| Inspect / clean shower head bathtub, fiberglass | 3 | 2.00 Ea. | \$103.07 | \$129.03 | 13.3333 | 13 | 13 | \$1,677.35 | \$1,677.35 |
| Replace mixing valve barrel bathtub, fiberglass | 2 | 2.00 Ea. | \$596.45 | \$701.66 | 20.0000 | 20 | 20 | \$14,033.28 | \$14,033.28 |
| Check / minor repairs drinking fountain | 1 | 3.00 Ea. | \$154.57 | \$193.50 | 40.0000 | 40 | 40 | \$7,740.01 | \$7,740.01 |
| 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 |
| 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 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 |
| Replace threaded steel pipe and fittings, 2" | 75 | 18.00 L.F. | \$1,020.37 | \$1,229.90 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 |
| Replace old valve, non-drain, less than 1-1/2" | 10 | 2.00 Ea. | \$1,554.94 | \$1,788.42 | 4.0000 | 4 | 4 | \$7,153.68 | \$7,153.68 |
| Clean & service water heater, gas / oil, 70 gallon | 1 | 2.00 Ea. | \$412.20 | \$516.00 | 40.0000 | 40 | 40 | \$20,640.03 | \$20,640.03 |
| Inspect / check pump / motor operation, lubricate circulation pump, 1/12 HP | 0.5 | 1.00 Ea. | \$8.44 | \$10.56 | 80.0000 | 80 | 80 | \$844.95 | \$844.95 |
| Replace pump / motor assembly circulation pump, 1/12 HP | 10 | 1.00 Ea. | \$1,218.91 | \$1,426.89 | 4.0000 | 4 | 4 | \$5,707.58 | \$5,707.58 |
| Inspect/check pump/motor operation, lubricate circulation pump, bronze 1 HP | 0.5 | 1.00 Ea. | \$8.44 | \$10.56 | 80.0000 | 80 | 80 | \$844.95 | \$844.95 |
| Replace pump / motor assembly circulation pump, bronze 1 HP | 20 | 1.00 Ea. | \$5,633.90 | \$6,464.63 | 2.0000 | 2 | 2 | \$12,929.25 | \$12,929.25 |
| Unclog floor drain, PVC | 20 | 4.00 Ea. | \$201.81 | \$252.63 | 2.0000 | 2 | 2 | \$505.25 | \$505.25 |
| Unclog 4" - 12" diameter PVC main drain per L.F. | 10 | 16.00 L.F. | \$63.89 | \$79.98 | 4.0000 | 4 | 4 | \$319.92 | \$319.92 |

| Description | Frequency | Qty Unit | Total In-House | Total Incl OP | Design Life/Frequency | Occurrences in Design Life | Adjusted Occurrences | Life Cost | Adjusted Cost |
|---|-----------|------------|----------------|---------------|-----------------------|----------------------------|----------------------|--------------|---------------|
| General maintenance & repair drain: roof, scupper, area | 1 | 6.00 Ea. | \$235.08 | \$294.28 | 40.0000 | 40 | 40 | \$11,771.27 | \$11,771.27 |
| Replace drain: roof, scupper, area | 40 | 6.00 Ea. | \$6,782.24 | \$7,823.10 | 1.0000 | 1 | 1 | \$7,823.10 | \$7,823.10 |
| Repair boiler, gas, 2000 MBH | 7 | 1.00 Ea. | \$5,734.80 | \$6,685.15 | 5.7143 | 5 | 5 | \$33,425.73 | \$33,425.73 |
| Replace boiler, gas, 2000 MBH | 30 | 1.00 Ea. | \$40,588.94 | \$47,558.43 | 1.3333 | 1 | 1 | \$47,558.43 | \$47,558.43 |
| Repair cooling tower, 50 ton | 10 | 1.00 Ea. | \$1,507.54 | \$1,784.63 | 4.0000 | 4 | 3 | \$7,138.50 | \$5,353.88 |
| Replace cooling tower, 50 ton | 15 | 1.00 Ea. | \$17,565.68 | \$20,223.14 | 2.6667 | 2 | 2 | \$40,446.27 | \$40,446.27 |
| Repair water cooled chiller, 50 ton, reciprocating | 10 | 1.00 Ea. | \$51,727.86 | \$59,740.23 | 4.0000 | 4 | 4 | \$238,960.91 | \$238,960.91 |
| Replace chiller, water cooled 50 ton, reciprocating | 20 | 1.00 Ea. | \$56,171.73 | \$65,445.87 | 2.0000 | 2 | 2 | \$130,891.74 | \$130,891.74 |
| Repair fan coil unit, 10 ton | 10 | 4.00 Ea. | \$4,247.01 | \$4,954.05 | 4.0000 | 4 | 3 | \$19,816.21 | \$14,862.16 |
| Replace fan coil unit, 10 ton | 15 | 4.00 Ea. | \$24,631.22 | \$28,841.76 | 2.6667 | 2 | 2 | \$57,683.53 | \$57,683.53 |
| Repair fan, induced draft, 2000 CFM | 10 | 2.00 Ea. | \$638.38 | \$779.34 | 4.0000 | 4 | 4 | \$3,117.37 | \$3,117.37 |
| Replace fan, induced draft, 2000 CFM | 20 | 2.00 Ea. | \$10,542.25 | \$12,126.03 | 2.0000 | 2 | 2 | \$24,252.06 | \$24,252.06 |
| Maintenance and repair standard suspended heater | 2 | 4.00 Ea. | \$458.90 | \$541.48 | 20.0000 | 20 | 20 | \$10,829.53 | \$10,829.53 |
| 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 |
| 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 | 114.00 Ea. | \$9,991.85 | \$12,329.32 | 2.0000 | 2 | 2 | \$24,658.63 | \$24,658.63 |
| Repair 500 kva transformer, primary, liquid filled | 10 | 2.00 Ea. | \$5,220.12 | \$6,010.73 | 4.0000 | 4 | 4 | \$24,042.94 | \$24,042.94 |
| Repair switchboard meter | 10 | 1.00 Ea. | \$1,218.62 | \$1,434.12 | 4.0000 | 4 | 4 | \$5,736.50 | \$5,736.50 |
| Maintenance and repair motor starter, up to 600 V | 5 | 6.00 Ea. | \$1,576.92 | \$1,916.96 | 8.0000 | 8 | 8 | \$15,335.72 | \$15,335.72 |
| Maintenance and inspection lighting panel, indoor | 3 | 2.00 Ea. | \$84.69 | \$106.10 | 13.3333 | 13 | 13 | \$1,379.33 | \$1,379.33 |
| Maintenance and repair breaker, molded case, 480 V, 1 pole | 20 | 6.00 Ea. | \$455.04 | \$570.10 | 2.0000 | 2 | 2 | \$1,140.20 | \$1,140.20 |
| Maintenance and repair breaker, enclosed, 240 V, 1 pole | 25 | 14.00 Ea. | \$1,061.77 | \$1,330.24 | 1.6000 | 1 | 1 | \$1,330.24 | \$1,330.24 |
| Maintenance and inspection circuit breaker, enclosed, 240 V, 1 pole | 1 | 14.00 Ea. | \$477.79 | \$598.61 | 40.0000 | 40 | 40 | \$23,944.27 | \$23,944.27 |
| Maintenance and repair receptacles and plugs | 20 | 38.00 Ea. | \$1,673.64 | \$2,089.31 | 2.0000 | 2 | 2 | \$4,178.62 | \$4,178.62 |
| Maintenance and repair wiring devices, switches | 10 | 26.00 Ea. | \$1,145.12 | \$1,429.53 | 4.0000 | 4 | 4 | \$5,718.11 | \$5,718.11 |
| Replace fluorescent light fixture ballast, 80 W | 10 | 22.00 Ea. | \$2,301.34 | \$2,837.80 | 4.0000 | 4 | 4 | \$11,351.19 | \$11,351.19 |
| Replace lamps (2 lamps), 4', 34 W energy saver | 10 | 22.00 Ea. | \$582.69 | \$729.72 | 4.0000 | 4 | 4 | \$2,918.87 | \$2,918.87 |
| Replace metal halide ballast, 400 W | 10 | 32.00 Ea. | \$6,140.66 | \$7,332.49 | 4.0000 | 4 | 4 | \$29,329.98 | \$29,329.98 |
| Replace metal halide fixture lamp, 400 W | 5 | 32.00 Ea. | \$2,076.12 | \$2,507.18 | 8.0000 | 8 | 8 | \$20,057.42 | \$20,057.42 |
| Replace metal halide fixture, 400 W | 20 | 32.00 Ea. | \$24,438.55 | \$29,218.70 | 2.0000 | 2 | 2 | \$58,437.40 | \$58,437.40 |
| Repair smoke detector | 10 | 16.00 Ea. | \$928.16 | \$1,149.32 | 4.0000 | 4 | 4 | \$4,597.28 | \$4,597.28 |
| Repair heat detector | 10 | 16.00 Ea. | \$1,001.66 | \$1,232.83 | 4.0000 | 4 | 4 | \$4,931.34 | \$4,931.34 |
| 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 |
| Check and repair manual pull station | 10 | 12.00 Ea. | \$1,078.60 | \$1,328.96 | 4.0000 | 4 | 4 | \$5,315.85 | \$5,315.85 |

| Description | Frequency | Qty Unit | Total In-House | Total Incl OP | Design Life/Frequency | Occurrences in Design Life | Adjusted Occurrences | Life Cost | Adjusted Cost | |
|--|-----------|---------------|----------------|---------------|-----------------------|----------------------------|----------------------|--------------|----------------|-------------|
| Replace fire alarm bell, 6" | 20 | 3.00 Ea. | \$541.82 | \$659.31 | 2.0000 | 2 | 2 | \$1,318.63 | \$1,318.63 | |
| Maintenance and repair building structure ground | 7 | 1.20 M.L.F. | \$110.74 | \$138.39 | 5.7143 | 5 | 5 | \$691.93 | \$691.93 | |
| Maintenance and repair of general wiring lightning protection system | 1 | 1.20 M.L.F. | \$131.40 | \$161.86 | 40.0000 | 40 | 40 | \$6,474.56 | \$6,474.56 | |
| Maintenance and repair lightning ground rod | 1 | 4.00 Ea. | \$369.13 | \$461.29 | 40.0000 | 40 | 40 | \$18,451.45 | \$18,451.45 | |
| Replace lamp emergency lighting fixture | 2 | 8.00 Ea. | \$435.94 | \$526.84 | 20.0000 | 20 | 20 | \$10,536.81 | \$10,536.81 | |
| Replace emergency lighting fixture | 20 | 8.00 Ea. | \$4,598.45 | \$5,438.99 | 2.0000 | 2 | 2 | \$10,877.98 | \$10,877.98 | |
| Maintenance and repair exit light | 20 | 8.00 Ea. | \$307.92 | \$381.36 | 2.0000 | 2 | 2 | \$762.73 | \$762.73 | |
| Maintenance and inspection UPS battery | 0.17 | 2.00 Ea. | \$136.51 | \$171.03 | 235.2941 | 235 | 235 | \$40,192.17 | \$40,192.17 | |
| Replace motor generator UPS battery | 15 | 2.00 Ea. | \$2,132.43 | \$2,528.94 | 2.6667 | 2 | 2 | \$5,057.87 | \$5,057.87 | |
| Minor metal roof finish repairs, 2% of roof area, metal panel roofing | 5 | 69.00 S.F. | \$318.92 | \$379.01 | 8.0000 | 8 | 8 | \$3,032.11 | \$3,032.11 | |
| Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing | 1 | 3.20 S.F. | \$80.98 | \$96.79 | 40.0000 | 40 | 40 | \$3,871.53 | \$3,871.53 | |
| Minor metal roof panel replacement, 2.5% of roof area | 20 | 275.00 S.F. | \$3,541.45 | \$4,198.20 | 2.0000 | 2 | 2 | \$8,396.40 | \$8,396.40 | |
| Total metal roof panel replacement | 30 | 109.00 Sq. | \$96,458.25 | \$114,349.95 | 1.3333 | 1 | 1 | \$114,349.95 | \$114,349.95 | |
| Repair steel painted interior door | 14 | 6.00 Ea. | \$1,673.93 | \$1,954.09 | 2.8571 | 2 | 2 | \$3,908.19 | \$3,908.19 | |
| Refinish 3'-0" x 7'-0" steel painted interior door | 4 | 6.00 Ea. | \$345.91 | \$425.26 | 10.0000 | 10 | 10 | \$4,252.64 | \$4,252.64 | |
| Replace 3'-0" x 7'-0" steel painted interior door | 60 | 6.00 Ea. | \$7,677.29 | \$8,903.50 | 0.6667 | 0 | 0 | \$0.00 | \$0.00 | |
| Repair solid core wood door, interior | 11 | 7.00 Ea. | \$1,952.92 | \$2,279.78 | 3.6364 | 3 | 3 | \$6,839.33 | \$6,839.33 | |
| Refinish 3'-0" x 7'-0" solid core wood door, interior | 4 | 7.00 Ea. | \$308.10 | \$379.66 | 10.0000 | 10 | 9 | \$3,796.64 | \$3,416.98 | |
| Replace 3'-0" x 7'-0" solid core wood door, interior | 40 | 7.00 Ea. | \$3,965.85 | \$4,578.68 | 1.0000 | 1 | 1 | \$4,578.68 | \$4,578.68 | |
| Repair medium weight vinyl wall covering - (2% of walls) | 1 | 0.04 C.S.F. | \$17.64 | \$20.68 | 40.0000 | 40 | 40 | \$827.23 | \$827.23 | |
| Replace medium weight vinyl wall covering | 15 | 1.88 C.S.F. | \$964.83 | \$1,140.54 | 2.6667 | 2 | 2 | \$2,281.09 | \$2,281.09 | |
| Repair 5/8" drywall - (2% of walls) | 20 | 58.62 S.F. | \$97.95 | \$119.70 | 2.0000 | 2 | 2 | \$239.40 | \$239.40 | |
| Refinish drywall | 4 | 2.00 S.F. | \$1.36 | \$1.66 | 10.0000 | 10 | 10 | \$16.65 | \$16.65 | |
| Replace 5/8" drywall | 75 | 2.00 S.F. | \$4.73 | \$5.80 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 | |
| Replace stainless steel wall interior finish | 75 | 30.75 C.S.F. | \$54,840.99 | \$64,669.09 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 | |
| Refinish concrete floor finished | 25 | 104.48 C.S.F. | \$43,523.99 | \$52,513.59 | 1.6000 | 1 | 1 | \$52,513.59 | \$52,513.59 | |
| | | | \$713,230.14 | \$840,005.10 | | | | MR Subtotal | \$1,556,066.72 | |
| | | | | | | | | | MR Per Year | \$38,734.54 |
| | | | | | | | | | PM Total | \$9,439.06 |
| | | | | | | | | | Subtotal | \$48,173.60 |
| | | | | | | | | | Total Per Unit | \$4.41 |

FAC 2112 AIRCRAFT MAINTENANCE SHOP

SUC \$4.41

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 40

Type PM

Average Size 10915.0

| Description | Qty | Labor Hours | Bare Mat | Bare Labor | Bare Equip | Bare Total | Total In-House | Total Incl OP |
|--|-------|-------------|----------|------------|------------|------------|----------------|---------------|
| Door, emergency egress, swinging, annualized | 11.00 | 2.86 | \$184.40 | \$126.32 | \$0.00 | \$310.72 | \$367.05 | \$432.61 |
| Door, overhead, electric, roll up, to 24' high x 25' wide, annualized | 4.00 | 16.28 | \$172.31 | \$719.87 | \$0.00 | \$892.18 | \$1,125.37 | \$1,367.17 |
| Fire doors, swinging, annualized | 2.00 | 0.78 | \$31.33 | \$30.91 | \$0.00 | \$62.24 | \$74.65 | \$88.62 |
| Urinals, annualized | 4.00 | 0.91 | \$26.51 | \$48.66 | \$0.00 | \$75.17 | \$92.42 | \$111.00 |
| Toilet (vacuum breaker type), annualized | 8.00 | 1.42 | \$70.84 | \$75.69 | \$0.00 | \$146.53 | \$176.32 | \$209.65 |
| Lavatories, annualized | 12.00 | 4.18 | \$93.51 | \$261.60 | \$0.00 | \$355.11 | \$442.94 | \$535.45 |
| Showers, annualized | 2.00 | 0.46 | \$27.02 | \$28.69 | \$0.00 | \$55.71 | \$67.02 | \$79.68 |
| Drink fountain, annualized | 3.00 | 1.86 | \$112.33 | \$99.41 | \$0.00 | \$211.74 | \$252.80 | \$299.47 |
| Boiler, hot water, oil, gas, or comb. fired, 120 - 500 MBH, annualized | 1.00 | 15.88 | \$88.55 | \$1,002.80 | \$0.00 | \$1,091.35 | \$1,401.04 | \$1,715.17 |
| Water cooling tower, up to 50 tons, annualized | 1.00 | 4.55 | \$21.25 | \$287.76 | \$0.00 | \$309.01 | \$397.47 | \$486.98 |
| Chiller, recip., air cooled, over 25 tons, annualized | 1.00 | 12.89 | \$95.63 | \$815.32 | \$0.00 | \$910.95 | \$1,165.11 | \$1,424.05 |
| Centrifugal, over 1 HP, annualized | 1.00 | 1.20 | \$8.30 | \$64.09 | \$0.00 | \$72.39 | \$92.45 | \$112.92 |
| Backflow prevention device, up to 4", annualized | 1.00 | 0.33 | \$14.02 | \$20.93 | \$0.00 | \$34.94 | \$42.62 | \$51.01 |
| 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 |
| Extinguishing system, dry pipe, annualized | 1.00 | 13.02 | \$104.24 | \$819.68 | \$0.00 | \$923.92 | \$1,180.24 | \$1,441.78 |
| | | | | | | \$6,239.60 | \$7,800.45 | \$9,439.06 |

FAC 2112 AIRCRAFT MAINTENANCE SHOP

Modeled Component List CostWorks Release 2023 Qtr 4

C30 Interior Finishes

| | |
|---------------------------------|---------------|
| Vinyl | 8.0 S.Y. |
| Vinyl Sheet | 8.0 S.Y. |
| Acoustic Tile, fire-rated | 8.0 C.S.F. |
| Vinyl Wall Covering | 1.88 C.S.F. |
| Drywall | 2.0 S.F. |
| Stainless Steel Interior Finish | 30.75 C.S.F. |
| Concrete, Finished | 104.48 C.S.F. |

B20 Exterior Enclosure

| | |
|-----------------------------------|-------------|
| Aluminum Siding, 1st floor | 14.0 C.S.F. |
| Aluminum Siding, 2nd floor | 14.0 C.S.F. |
| Steel Frame, Operating, 1st floor | 24.0 Ea. |
| Steel Frame, Operating, 2nd floor | 24.0 Ea. |
| Steel, Painted | 4.0 Ea. |
| Steel Single, Roll-Up | 3.0 Ea. |

D20 Plumbing

| | |
|--|---------|
| Tankless Water Closet | 8.0 Ea. |
| Urinal | 4.0 Ea. |
| Sink, Iron Enamel | 2.0 Ea. |
| Emergency Shower Station | 2.0 Ea. |
| Valve, Non-Drain, Less Than 1-1/2", Less Than 1-1/2" | 2.0 Ea. |
| Circulation Pump, 1/12 HP | 1.0 Ea. |
| Circulation Pump, Bronze 1 HP | 1.0 Ea. |
| Drain: Roof, Scupper, Area | 6.0 Ea. |

D30 HVAC

| | |
|--|---------|
| Boiler, Gas, 2000 MBH | 1.0 Ea. |
| Cooling Tower, 50 ton | 1.0 Ea. |
| Chiller, Water Cooled, Reciprocating, 50 ton | 1.0 Ea. |
| Fan Coil, 10 ton | 4.0 Ea. |
| Standard Suspended Heater | 4.0 Ea. |

D40 Fire Protection

| | |
|--|-----------|
| Sprinkler System, Fire Suppression, sprinkler head | 114.0 Ea. |
| Extinguishing system, dry pipe, annualized | 1.0 Each |

D50 Electrical

| | |
|--|----------|
| Load Center, 100 A, maintenance & inspection | 2.0 Ea. |
| Fixture 400 W | 32.0 Ea. |
| Fire Alarm Bell | 3.0 Ea. |
| Emergency Lighting Fixture | 8.0 Ea. |
| UPS Battery, maintenance & inspection | 2.0 Ea. |
| UPS Battery, replace motor | 2.0 Ea. |

B30 Roofing

| | |
|---------------------|-----------|
| Metal Steep Roofing | 109.0 Sq. |
|---------------------|-----------|

C10 Interior Construction

| | |
|----------------------------------|----------|
| Steel Painted Interior Doors | 6.0 Ea. |
| Solid Core Interior Doors | 7.0 Ea. |
| Fire Doors, Swinging, annualized | 2.0 Each |

E10 Equipment

| | |
|--|----------|
| Crane, Electric, 5 to 15 ton, annualized | 1.0 Each |
|--|----------|

FAC 2112 AIRCRAFT MAINTENANCE SHOP
Sustainment by Year
CostWorks Release 2023 Qtr 4

