

FAC 2114 AIRCRAFT ENGINE TEST BUILDING

FY24 SUC:	\$7.62 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 2114 AIRCRAFT ENGINE TEST BUILDING

SUC \$7.62

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 7668.893666

Adjusted Occurences 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
Waterproof concrete block wall, 1st floor	10	70.00 C.S.F.	\$18,093.35	\$21,462.81	5.0000	5	5	\$107,314.03	\$107,314.03
Recaulk door	20	132.00 L.F.	\$1,563.50	\$1,928.02	2.5000	2	2	\$3,856.04	\$3,856.04
Recaulk window, 4' x 6', 1st floor	20	4.00 Ea.	\$1,036.77	\$1,277.71	2.5000	2	2	\$2,555.41	\$2,555.41
Repair 3'-9" x 5'-5" steel frame window - 1st floor.	20	4.00 Ea.	\$1,295.63	\$1,520.99	2.5000	2	2	\$3,041.98	\$3,041.98
Refinish steel shutter - 1st floor	5	8.00 Ea.	\$846.25	\$1,048.10	10.0000	10	10	\$10,481.02	\$10,481.02
Repair steel, painted, door	14	4.00 Ea.	\$2,809.34	\$3,336.77	3.5714	3	3	\$10,010.31	\$10,010.31
Refinish 3'-0" x 7'-0" steel, painted, door	4	4.00 Ea.	\$184.22	\$225.58	12.5000	12	12	\$2,707.02	\$2,707.02
Replace 3'-0" x 7'-0" steel, painted, door	45	4.00 Ea.	\$3,668.44	\$4,247.70	1.1111	1	1	\$4,247.70	\$4,247.70
Replace 12' x 24' steel double roll-up door	35	2.00 Ea.	\$11,217.86	\$13,331.58	1.4286	1	1	\$13,331.58	\$13,331.58
Replace brass door hinge	60	4.00 Ea.	\$766.91	\$925.20	0.8333	0	0	\$0.00	\$0.00
Replace brass door lockset exterior	30	4.00 Ea.	\$2,670.76	\$3,076.00	1.6667	1	1	\$3,076.00	\$3,076.00
Replace brass door closer	15	4.00 Ea.	\$1,238.89	\$1,453.47	3.3333	3	3	\$4,360.42	\$4,360.42
Replace brass door weatherstripping exterior	20	4.00 Ea.	\$1,038.10	\$1,263.33	2.5000	2	2	\$2,526.66	\$2,526.66
Debris removal, by hand and visual inspection, metal panel roofing	1	9.47 M.S.F.	\$232.33	\$283.37	50.0000	50	50	\$14,168.71	\$14,168.71
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	189.00 S.F.	\$873.57	\$1,038.17	10.0000	10	10	\$10,381.69	\$10,381.69
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	8.50 S.F.	\$215.11	\$257.09	50.0000	50	50	\$12,854.68	\$12,854.68
Minor metal roof panel replacement, 2.5% of roof area	20	236.70 S.F.	\$3,048.23	\$3,613.51	2.5000	2	2	\$7,227.01	\$7,227.01
Total metal roof panel replacement	30	75.67 Sq.	\$66,963.26	\$79,384.04	1.6667	1	1	\$79,384.04	\$79,384.04
Refinish concrete block wall painted	4	6.00 C.S.F.	\$712.14	\$860.96	12.5000	12	12	\$10,331.51	\$10,331.51
Remove and reinstall demountable partitions	5	1.20 C.L.F.	\$6,209.06	\$7,408.04	10.0000	10	10	\$74,080.36	\$74,080.36
Repair steel painted interior door	14	2.00 Ea.	\$557.98	\$651.36	3.5714	3	3	\$1,954.09	\$1,954.09
Refinish 3'-0" x 7'-0" steel painted interior door	4	2.00 Ea.	\$115.30	\$141.75	12.5000	12	12	\$1,701.05	\$1,701.05
Replace 1 1/2 pair brass hinges	60	2.00 Ea.	\$629.31	\$743.16	0.8333	0	0	\$0.00	\$0.00
Replace brass lockset interior	30	2.00 Ea.	\$527.63	\$615.47	1.6667	1	1	\$615.47	\$615.47
Replace brass door closer	15	2.00 Ea.	\$561.81	\$657.94	3.3333	3	3	\$1,973.81	\$1,973.81
Replace panic bar	25	4.00 Ea.	\$8,285.33	\$9,479.07	2.0000	2	2	\$18,958.13	\$18,958.13
Replace toilet partitions, painted metal-overhead braced, per stall	20	4.00 Ea.	\$3,501.74	\$4,088.05	2.5000	2	2	\$8,176.10	\$8,176.10
Repair acoustical tile - (2% of walls)	25	34.00 C.S.F.	\$29,280.36	\$33,896.60	2.0000	2	2	\$67,793.20	\$67,793.20
Replace acoustical tile	60	34.00 C.S.F.	\$31,744.80	\$36,958.36	0.8333	0	0	\$0.00	\$0.00
Replace ceramic trim	50	2.00 L.F.	\$34.18	\$41.12	1.0000	1	1	\$41.12	\$41.12
Quarry tile floor repairs - (2% of floors)	15	4.00 S.F.	\$26.96	\$33.62	3.3333	3	3	\$100.85	\$100.85

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace flush valve diaphragm tankless water closet	10	6.00 Ea.	\$163.58	\$203.14	5.0000	5	5	\$1,015.68	\$1,015.68
Rebuild flush valve tankless water closet	20	6.00 Ea.	\$1,151.29	\$1,387.61	2.5000	2	2	\$2,775.23	\$2,775.23
Unplug clogged line tankless water closet	5	6.00 Ea.	\$1,379.57	\$1,726.99	10.0000	10	10	\$17,269.90	\$17,269.90
Replace tankless water closet	35	6.00 Ea.	\$8,499.33	\$9,829.92	1.4286	1	1	\$9,829.92	\$9,829.92
Replace tankless flush valve	25	6.00 Ea.	\$1,621.46	\$1,903.31	2.0000	2	2	\$3,806.61	\$3,806.61
Replace wax ring gasket for tankless water closet	5	6.00 Ea.	\$894.99	\$1,119.32	10.0000	10	10	\$11,193.21	\$11,193.21
Replace flush valve diaphragm for a urinal	7	4.00 Ea.	\$109.06	\$135.42	7.1429	7	7	\$947.97	\$947.97
Rebuild flush valve for a urinal	20	4.00 Ea.	\$767.52	\$925.08	2.5000	2	2	\$1,850.15	\$1,850.15
Unplug line urinal	5	4.00 Ea.	\$610.57	\$764.33	10.0000	10	10	\$7,643.26	\$7,643.26
Replace wall-hung urinal	35	4.00 Ea.	\$4,350.08	\$5,232.19	1.4286	1	1	\$5,232.19	\$5,232.19
Replace washer in spud connection lavatory, enameled steel	7	6.00 Ea.	\$105.47	\$128.78	7.1429	7	7	\$901.46	\$901.46
Replace washer in faucet lavatory, enameled steel	2	6.00 Ea.	\$80.70	\$100.62	25.0000	25	25	\$2,515.41	\$2,515.41
Replace faucets lavatory, enameled steel	10	6.00 Ea.	\$1,172.83	\$1,410.73	5.0000	5	5	\$7,053.64	\$7,053.64
Clean out strainer and P trap lavatory, enameled steel	2	6.00 Ea.	\$220.91	\$276.54	25.0000	25	25	\$6,913.60	\$6,913.60
Replace lavatory lavatory, enameled steel	35	6.00 Ea.	\$4,691.62	\$5,657.54	1.4286	1	1	\$5,657.54	\$5,657.54
Replace faucet washer sink, service/utility	2	6.00 Ea.	\$80.70	\$100.62	25.0000	25	25	\$2,515.41	\$2,515.41
Clean trap	3	6.00 Ea.	\$54.04	\$67.64	16.6667	16	16	\$1,082.31	\$1,082.31
Replace faucets sink, service/utility	10	6.00 Ea.	\$1,172.83	\$1,410.73	5.0000	5	5	\$7,053.64	\$7,053.64
Unstop sink	2	1.00 Ea.	\$44.01	\$55.09	25.0000	25	25	\$1,377.35	\$1,377.35
Replace sink, P.E.C.I. service/utility	35	1.00 Ea.	\$1,674.37	\$1,957.84	1.4286	1	1	\$1,957.84	\$1,957.84
Inspect / clean shower head fiberglass	3	4.00 Ea.	\$206.14	\$258.05	16.6667	16	16	\$4,128.87	\$4,128.87
Replace mixing valve barrel shower, fiberglass	2	4.00 Ea.	\$1,192.90	\$1,403.33	25.0000	25	25	\$35,083.21	\$35,083.21
Replace mixing valve shower, fiberglass	10	4.00 Ea.	\$1,173.57	\$1,427.72	5.0000	5	5	\$7,138.61	\$7,138.61
Replace shower and fittings, fiberglass	20	4.00 Ea.	\$4,396.32	\$5,241.23	2.5000	2	2	\$10,482.46	\$10,482.46
Check / minor repairs drinking fountain	1	2.00 Ea.	\$103.05	\$129.00	50.0000	50	50	\$6,450.01	\$6,450.01
Repair internal leaks drinking fountain	4	2.00 Ea.	\$95.54	\$119.59	12.5000	12	12	\$1,435.13	\$1,435.13
Correct water pressure drinking fountain	2	2.00 Ea.	\$88.02	\$110.19	25.0000	25	25	\$2,754.69	\$2,754.69
Replace refrigerant drinking fountain	2	2.00 Ea.	\$70.81	\$82.86	25.0000	25	25	\$2,071.49	\$2,071.49
Repair drain leak drinking fountain	4	2.00 Ea.	\$58.19	\$70.38	12.5000	12	10	\$844.54	\$703.79
Replace fountain drinking fountain	10	2.00 Ea.	\$3,241.63	\$3,808.60	5.0000	5	5	\$19,043.01	\$19,043.01
Inspect and clean shower head emergency shower station	3	4.00 Ea.	\$206.14	\$258.05	16.6667	16	16	\$4,128.87	\$4,128.87
Replace shower emergency shower station	25	4.00 Ea.	\$4,212.33	\$5,036.60	2.0000	2	2	\$10,073.21	\$10,073.21

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Inspect and clean spray heads, emergency eye wash	3	2.00 Ea.	\$103.07	\$129.03	16.6667	16	16	\$2,064.43	\$2,064.43
Replace eye wash station, emergency eye wash	25	2.00 Ea.	\$1,571.83	\$1,911.10	2.0000	2	2	\$3,822.20	\$3,822.20
Overhaul water heater, gas / oil, 30 gallon	5	1.00 Ea.	\$123.53	\$154.64	10.0000	10	10	\$1,546.39	\$1,546.39
Clean and service water heater, gas / oil, 30 gallon	1	1.00 Ea.	\$206.10	\$258.00	50.0000	50	50	\$12,900.02	\$12,900.02
Replace water heater, gas / oil, 30 gallon	10	1.00 Ea.	\$2,957.73	\$3,432.65	5.0000	5	5	\$17,163.26	\$17,163.26
Repair boiler, gas, 2000 MBH	7	1.00 Ea.	\$5,734.80	\$6,685.15	7.1429	7	7	\$46,796.03	\$46,796.03
Replace boiler, gas, 2000 MBH	30	1.00 Ea.	\$40,588.94	\$47,558.43	1.6667	1	1	\$47,558.43	\$47,558.43
Replace fan coil, DX 20 ton, with heat	10	1.00 Ea.	\$14,391.02	\$17,142.33	5.0000	5	5	\$85,711.66	\$85,711.66
Repair single zone rooftop unit, 25 ton	10	1.00 Ea.	\$54,305.81	\$62,518.61	5.0000	5	4	\$312,593.03	\$250,074.42
Replace single zone rooftop unit, 25 ton	15	1.00 Ea.	\$52,455.46	\$60,922.27	3.3333	3	3	\$182,766.81	\$182,766.81
Inspect sprinkler system	1	1.00 Ea.	\$36.17	\$45.28	50.0000	50	50	\$2,264.22	\$2,264.22
Replace sprinkler head	20	100.00 Ea.	\$8,764.78	\$10,815.19	2.5000	2	2	\$21,630.38	\$21,630.38
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$748.17	\$896.73	50.0000	50	50	\$44,836.44	\$44,836.44
Replace fire pump / electric motor assembly 100 H.P.	25	1.00 Ea.	\$48,011.97	\$55,351.32	2.0000	2	2	\$110,702.65	\$110,702.65
Repair switchgear, - (5% of total C.B.), indoor, less than 600 V	10	1.00 Ea.	\$778.47	\$899.93	5.0000	5	5	\$4,499.67	\$4,499.67
Maintenance and inspection switchgear, indoor, less than 600 V	3	1.00 Ea.	\$42.34	\$53.05	16.6667	16	16	\$848.82	\$848.82
Repair switchboard meter	10	1.00 Ea.	\$1,218.62	\$1,434.12	5.0000	5	5	\$7,170.62	\$7,170.62
Maintenance and repair motor starter, up to 600 V	5	3.00 Ea.	\$788.46	\$958.48	10.0000	10	10	\$9,584.82	\$9,584.82
Maintenance and inspection motor starter, up to 600 V	0.5	3.00 Ea.	\$170.64	\$213.79	100.0000	100	100	\$21,378.82	\$21,378.82
Replace starter motor starter, up to 600 V	18	3.00 Ea.	\$2,523.07	\$3,002.24	2.7778	2	2	\$6,004.48	\$6,004.48
Maintenance and repair secondary transformer, liquid filled	25	2.00 Ea.	\$257.71	\$319.65	2.0000	2	2	\$639.30	\$639.30
Maintenance and inspection secondary transformer, liquid filled	0.5	2.00 Ea.	\$113.76	\$142.53	100.0000	100	100	\$14,252.54	\$14,252.54
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$42.34	\$53.05	16.6667	16	16	\$848.82	\$848.82
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	10.00 Ea.	\$341.28	\$427.58	100.0000	100	100	\$42,757.63	\$42,757.63
Repair failed breaker, molded case, 600 V, 3 pole	10	1.00 Ea.	\$363.58	\$433.99	5.0000	5	5	\$2,169.95	\$2,169.95
Maintenance and inspection circuit breaker, molded case, 600 V, 3 pole	0.33	6.00 Ea.	\$204.77	\$256.55	151.5152	151	151	\$38,738.41	\$38,738.41
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	1.00 Ea.	\$42.34	\$53.05	6.2500	6	6	\$318.31	\$318.31
Maintenance and inspection safety switch, 3 pole, heavy duty	1	1.00 Ea.	\$42.34	\$53.05	50.0000	50	50	\$2,652.56	\$2,652.56

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace safety switch, heavy duty 30 A	25	1.00 Ea.	\$676.63	\$806.23	2.0000	2	2	\$1,612.47	\$1,612.47	
Replace 4-pin receptacle	20	34.00 Ea.	\$5,199.49	\$6,183.61	2.5000	2	2	\$12,367.22	\$12,367.22	
Replace fluorescent light fixture ballast, 80 W	10	28.00 Ea.	\$2,928.97	\$3,611.74	5.0000	5	5	\$18,058.71	\$18,058.71	
Replace lamps (2 lamps), 4', 34 W energy saver	10	28.00 Ea.	\$741.60	\$928.73	5.0000	5	5	\$4,643.65	\$4,643.65	
Replace metal halide ballast, 175 W	10	16.00 Ea.	\$2,670.19	\$3,196.23	5.0000	5	5	\$15,981.15	\$15,981.15	
Replace metal halide fixture lamp, 175 W	5	16.00 Ea.	\$913.55	\$1,111.86	10.0000	10	10	\$11,118.65	\$11,118.65	
Check operation smoke detector	1	16.00 Ea.	\$272.01	\$340.79	50.0000	50	50	\$17,039.71	\$17,039.71	
Replace smoke detector	15	16.00 Ea.	\$4,840.84	\$5,779.49	3.3333	3	3	\$17,338.48	\$17,338.48	
Check operation heat detector	1	16.00 Ea.	\$272.01	\$340.79	50.0000	50	50	\$17,039.71	\$17,039.71	
Replace heat detector	15	16.00 Ea.	\$2,833.70	\$3,469.21	3.3333	3	3	\$10,407.63	\$10,407.63	
Check and repair manual pull station	10	4.00 Ea.	\$359.53	\$442.99	5.0000	5	4	\$2,214.94	\$1,771.95	
Replace manual pull station	15	4.00 Ea.	\$835.03	\$1,007.05	3.3333	3	3	\$3,021.15	\$3,021.15	
Minor repairs to annunciation panel	5	1.00 Ea.	\$149.42	\$182.60	10.0000	10	10	\$1,825.95	\$1,825.95	
Maintenance and inspection annunciation panel	0.5	1.00 Ea.	\$45.50	\$57.01	100.0000	100	100	\$5,701.02	\$5,701.02	
Replace fire alarm bell, 6"	20	6.00 Ea.	\$1,083.64	\$1,318.63	2.5000	2	2	\$2,637.26	\$2,637.26	
Maintenance and repair building structure ground	7	1.00 M.L.F.	\$92.28	\$115.32	7.1429	7	7	\$807.25	\$807.25	
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$109.50	\$134.89	50.0000	50	50	\$6,744.34	\$6,744.34	
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$92.28	\$115.32	50.0000	50	50	\$5,766.08	\$5,766.08	
Maintenance and repair special ground system	4	1.00 Ea.	\$22.69	\$28.43	12.5000	12	12	\$341.11	\$341.11	
			\$504,906.68	\$592,880.73				MR Subtotal	\$1,815,261.27	
									MR Per Year	\$36,171.52
									PM Total	\$22,285.32
									Subtotal	\$58,456.84
									Total Per Unit	\$7.62

FAC 2114 AIRCRAFT ENGINE TEST BUILDING

SUC \$7.62

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 50

Type PM

Average Size 7668.893666

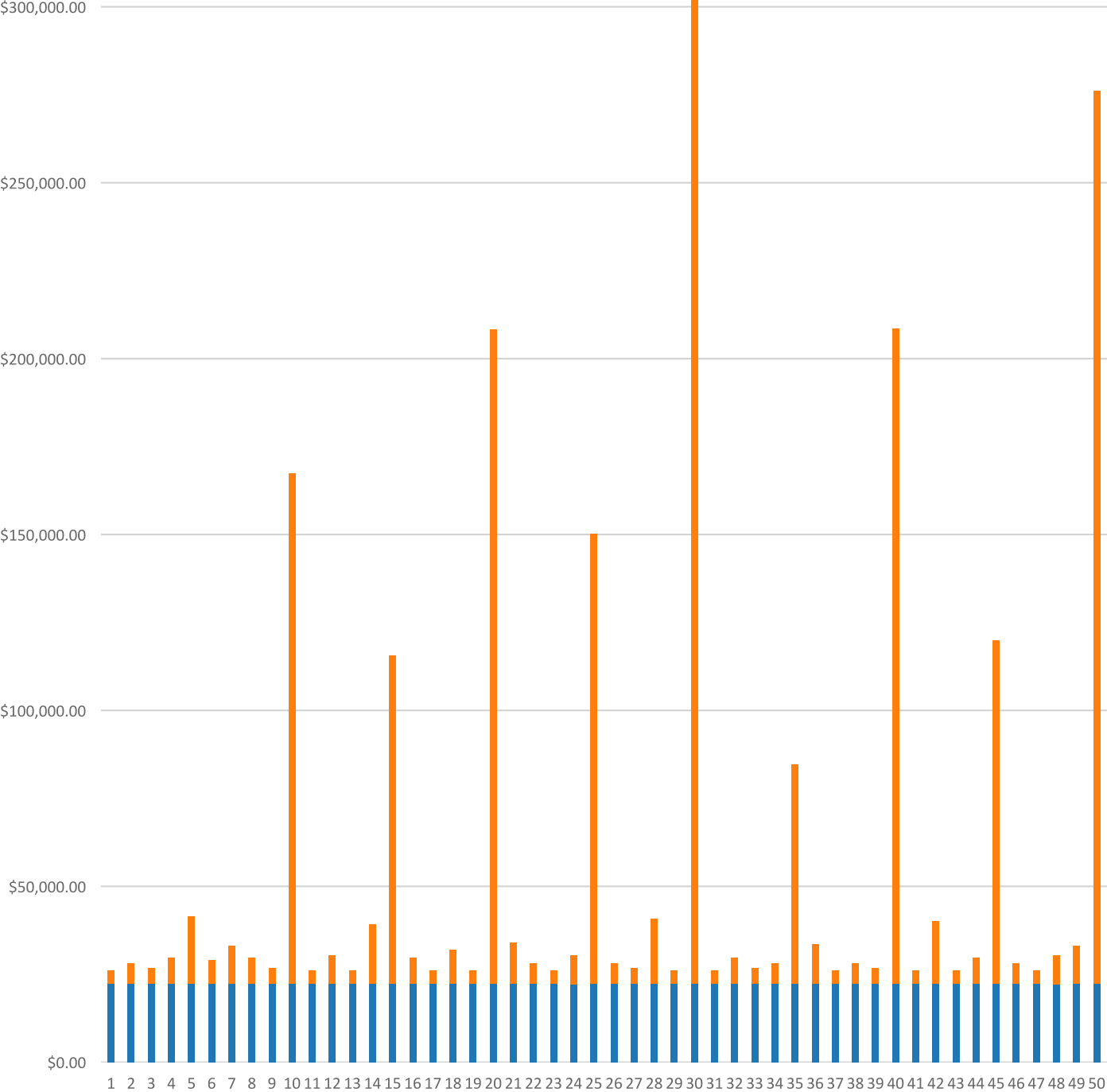
Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	4.00	1.04	\$67.05	\$45.93	\$0.00	\$112.99	\$133.47	\$157.31
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	2.00	8.14	\$86.15	\$359.93	\$0.00	\$446.09	\$562.68	\$683.59
Urinals, annualized	4.00	0.91	\$26.51	\$48.66	\$0.00	\$75.17	\$92.42	\$111.00
Toilet (vacuum breaker type), annualized	6.00	1.06	\$53.13	\$56.77	\$0.00	\$109.90	\$132.24	\$157.24
Lavatories, annualized	6.00	2.09	\$46.75	\$130.80	\$0.00	\$177.55	\$221.47	\$267.72
Showers, annualized	8.00	1.82	\$108.08	\$114.76	\$0.00	\$222.84	\$268.07	\$318.71
Drink fountain, annualized	2.00	1.24	\$74.89	\$66.27	\$0.00	\$141.16	\$168.53	\$199.65
Valve, motor operated, above 4", annualized	2.00	2.00	\$33.19	\$107.26	\$0.00	\$140.45	\$175.95	\$213.10
Water heater, gas, to 120 gal., annualized	1.00	1.72	\$102.21	\$91.56	\$0.00	\$193.77	\$231.46	\$274.26
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
Condensing unit, air cooled, 26 to 100 tons, annualized	1.00	2.96	\$177.10	\$187.48	\$0.00	\$364.58	\$438.53	\$521.34
Fan coil unit, annualized	1.00	3.34	\$81.97	\$178.76	\$0.00	\$260.73	\$322.56	\$388.48
VAV Boxes, annualized	4.00	3.74	\$43.52	\$235.44	\$0.00	\$278.96	\$353.94	\$431.10
Fan, axial, up to 5,000 CFM, annually	2.00	1.25	\$8.28	\$66.27	\$0.00	\$74.55	\$95.26	\$116.38
Fan, centrifugal, over 10,000 CFM, annualized	2.00	2.37	\$63.76	\$127.31	\$0.00	\$191.07	\$235.64	\$283.39
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$169.00	\$121.21	\$0.00	\$290.21	\$343.47	\$405.19
Air compressor, reciprocating, less than 5 H.P., annualized	2.00	9.59	\$112.33	\$610.40	\$0.00	\$722.73	\$917.09	\$1,117.06
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	2.00	95.50	\$74.89	\$5,973.20	\$0.00	\$6,048.09	\$7,847.54	\$9,650.73
Extinguishing system, FM200, annualized	1.00	9.26	\$642.62	\$492.68	\$0.00	\$1,135.30	\$1,347.37	\$1,591.56
Panelboard, 225 A and above, annualized	1.00	0.44	\$22.00	\$30.41	\$0.00	\$52.42	\$63.74	\$76.16
Motor control center, over 400 A, annualized	1.00	0.39	\$22.00	\$26.81	\$0.00	\$48.81	\$59.05	\$70.39
Fire alarm annunciator system, annualized	1.00	11.05	\$163.44	\$695.92	\$0.00	\$859.36	\$1,084.48	\$1,317.78
Crane, electric bridge, 5 to 15 ton, annualized	2.00	15.33	\$1,009.84	\$565.44	\$0.00	\$1,575.28	\$1,845.90	\$2,167.00
						\$14,648.29	\$18,384.52	\$22,285.32

FAC 2114 AIRCRAFT ENGINE TEST BUILDING

Modeled Component List CostWorks Release 2023 Qtr 4

B20 Exterior Enclosure	
Steel, Painted	4.0 Ea.
Steel Double, Roll-Up	2.0 Ea.
Hinges, Brass	4.0 Ea.
Lockset, Brass	4.0 Ea.
Door Closer, Brass	4.0 Ea.
B30 Roofing	
Metal Steep Roofing	75.67 Sq.
C10 Interior Construction	
Concrete Block, Painted	6.0 C.S.F.
Hinges, Brass	2.0 Ea.
Lockset, Brass	2.0 Ea.
Door Closer, Brass	2.0 Ea.
Panic Bar	4.0 Ea.
Toilet Partitions, painted metal	4.0 Ea.
C30 Interior Finishes	
Acoustical Tile	34.0 C.S.F.
D20 Plumbing	
Tankless Water Closet	6.0 Ea.
Urinal	4.0 Ea.
Lavatory, Enameled Steel	6.0 Ea.
Service/Utility Sink	1.0 Ea.
Shower, Fiberglass	4.0 Ea.
Drinking Fountain	2.0 Ea.
Emergency Shower Station	4.0 Ea.
Emergency Eye Wash	2.0 Ea.
Water Heater, Gas / Oil, 30 Gallon	1.0 Ea.
D30 HVAC	
Boiler, Gas, 2000 MBH	1.0 Ea.
Fan Coil, DX Air Conditioner W/ Heat, 20 ton	1.0 Ea.
Single Zone Air Conditioner, 25 ton	1.0 Ea.
VAV Box	4.0 Each
D40 Fire Protection	
Sprinkler System, Fire Supression, sprinkler head	100.0 Ea.
Sprinkler System, Fire Supression , 3" backflow preventer	1.0 Ea.
Fire Pump Electric Motor	1.0 Ea.
Fire Pump, Electric, annualized	2.0 Each
Extinguishing system, FM200	1.0 Each
D50 Electrical	
Motor Starter, Up To 600 V	3.0 Ea.
Secondary Transformer, Liquid Filled	2.0 Ea.
Load Center, 100 A, maintenance & inspection	1.0 Ea.
Safety Switch, Heavy Duty	1.0 Ea.
Smoke Detector	16.0 Ea.
Heat Detector	16.0 Ea.
Manual Pull Station	4.0 Ea.
Fire Alarm Bell	6.0 Ea.
E10 Equipment	
Crane, Electric, 5 to 15 ton, annualized	2.0 Each

FAC 2114 AIRCRAFT ENGINE TEST BUILDING
Sustainment by Year
CostWorks Release 2023 Qtr 4



PM Cost
MR Cost