

FAC 1331 AIRCRAFT NAVIGATION BUILDING

FY22 SUC: \$9.31 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 1331 AIRCRAFT NAVIGATION BUILDING

SUC \$9.31

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.

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 50

Type MR

Average Size 2649.0

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair 8" concrete block wall, 1st floor	25	314.00 S.F.	\$7,603.45	\$9,301.69	2.0000	2	2	\$18,603.39	\$18,603.39
Point and refinish painted concrete block wall, 1st floor	25	14.00 C.S.F.	\$6,576.88	\$8,117.27	2.0000	2	2	\$16,234.55	\$16,234.55
Replace aluminum siding, 1st floor	35	6.50 C.S.F.	\$3,798.25	\$4,573.87	1.4286	1	1	\$4,573.87	\$4,573.87
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	0.12 S.F.	\$1.45	\$1.70	50.0000	50	50	\$85.03	\$85.03
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	16.00 Ea.	\$2,315.79	\$2,761.74	2.5000	2	2	\$5,523.49	\$5,523.49
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	16.00 Ea.	\$7,810.11	\$9,256.39	1.0000	1	1	\$9,256.39	\$9,256.39
Repair aluminum frame and door	12	2.00 Ea.	\$1,250.15	\$1,488.01	4.1667	4	4	\$5,952.05	\$5,952.05
Replace 3'-0" x 7'-0" aluminum door, including vision lite	50	2.00 Ea.	\$3,755.16	\$4,310.53	1.0000	1	1	\$4,310.53	\$4,310.53
Repair steel, painted, door	14	2.00 Ea.	\$1,250.15	\$1,488.01	3.5714	3	3	\$4,464.03	\$4,464.03
Refinish 3'-0" x 7'-0" steel, painted, door	4	2.00 Ea.	\$82.80	\$101.73	12.5000	12	12	\$1,220.79	\$1,220.79
Replace 3'-0" x 7'-0" steel, painted, door	45	2.00 Ea.	\$1,410.13	\$1,639.46	1.1111	1	1	\$1,639.46	\$1,639.46
Repair 12' x 12' steel roll-up door	10	1.00 Ea.	\$675.90	\$802.22	5.0000	5	5	\$4,011.08	\$4,011.08
Refinish 12' x 12' steel roll-up door	5	1.00 Ea.	\$203.45	\$249.19	10.0000	10	10	\$2,491.89	\$2,491.89
Replace 12' x 12' steel roll-up door	35	1.00 Ea.	\$2,703.58	\$3,208.87	1.4286	1	1	\$3,208.87	\$3,208.87
Total EPDM roof replacement	25	24.00 Sq.	\$14,506.92	\$17,207.86	2.0000	2	2	\$34,415.72	\$34,415.72
Repair steel painted interior door	14	1.00 Ea.	\$293.45	\$341.56	3.5714	3	3	\$1,024.69	\$1,024.69
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$52.59	\$64.79	12.5000	12	12	\$777.44	\$777.44
Replace 3'-0" x 7'-0" steel painted interior door	60	1.00 Ea.	\$1,218.03	\$1,412.08	0.8333	0	0	\$0.00	\$0.00
Repair solid core wood door, interior	11	4.00 Ea.	\$1,173.81	\$1,366.26	4.5455	4	4	\$5,465.02	\$5,465.02
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	4.00 Ea.	\$173.46	\$213.00	12.5000	12	11	\$2,555.98	\$2,342.99
Replace 3'-0" x 7'-0" solid core wood door, interior	40	4.00 Ea.	\$1,957.71	\$2,263.24	1.2500	1	1	\$2,263.24	\$2,263.24
Refinish concrete floor finished	25	12.00 C.S.F.	\$5,061.93	\$6,080.16	2.0000	2	2	\$12,160.33	\$12,160.33
Replace vinyl tile flooring	18	12.00 S.Y.	\$592.84	\$728.04	2.7778	2	2	\$1,456.08	\$1,456.08
Refinish gypsum board ceiling, up to 12' high	20	2.10 C.S.F.	\$271.10	\$335.13	2.5000	2	1	\$670.25	\$335.13
Replace gypsum board ceiling, up to 12' high	40	2.10 C.S.F.	\$779.73	\$957.50	1.2500	1	1	\$957.50	\$957.50
Replace acoustic tile ceiling, fire-rated	20	13.20 C.S.F.	\$6,919.82	\$8,156.10	2.5000	2	2	\$16,312.19	\$16,312.19
Replace flush valve diaphragm tankless water closet	10	4.00 Ea.	\$104.88	\$130.14	5.0000	5	5	\$650.72	\$650.72
Rebuild flush valve tankless water closet	20	4.00 Ea.	\$721.74	\$869.83	2.5000	2	2	\$1,739.66	\$1,739.66
Unplug clogged line tankless water closet	5	4.00 Ea.	\$873.58	\$1,092.51	10.0000	10	10	\$10,925.07	\$10,925.07
Replace tankless water closet	35	4.00 Ea.	\$5,144.88	\$5,953.98	1.4286	1	1	\$5,953.98	\$5,953.98
Replace tankless flush valve	25	4.00 Ea.	\$1,008.86	\$1,184.44	2.0000	2	2	\$2,368.88	\$2,368.88

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace wax ring gasket for tankless water closet	5	4.00 Ea.	\$566.08	\$707.31	10.0000	10	10	\$7,073.06	\$7,073.06
Replace flush valve diaphragm for a urinal	7	2.00 Ea.	\$52.44	\$65.07	7.1429	7	7	\$455.50	\$455.50
Rebuild flush valve for a urinal	20	2.00 Ea.	\$360.87	\$434.91	2.5000	2	2	\$869.83	\$869.83
Unplug line urinal	5	2.00 Ea.	\$290.14	\$362.86	10.0000	10	10	\$3,628.56	\$3,628.56
Replace wall-hung urinal	35	2.00 Ea.	\$1,937.73	\$2,338.21	1.4286	1	1	\$2,338.21	\$2,338.21
Replace washer in spud connection lavatory, vitreous china	7	4.00 Ea.	\$65.85	\$80.32	7.1429	7	7	\$562.24	\$562.24
Replace washer in faucet lavatory, vitreous china	2	4.00 Ea.	\$51.54	\$64.21	25.0000	25	25	\$1,605.18	\$1,605.18
Replace faucets lavatory, vitreous china	10	4.00 Ea.	\$726.90	\$875.02	5.0000	5	5	\$4,375.11	\$4,375.11
Clean out strainer and P trap lavatory, vitreous china	2	4.00 Ea.	\$139.48	\$174.43	25.0000	25	25	\$4,360.79	\$4,360.79
Replace lavatory, vitreous china	35	4.00 Ea.	\$2,690.30	\$3,232.88	1.4286	1	1	\$3,232.88	\$3,232.88
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$12.78	\$15.92	25.0000	25	25	\$397.90	\$397.90
Clean trap sink, iron enamel	3	1.00 Ea.	\$8.57	\$10.72	16.6667	16	16	\$171.50	\$171.50
Replace faucets sink, iron enamel	10	1.00 Ea.	\$181.73	\$218.76	5.0000	5	5	\$1,093.78	\$1,093.78
Unstop sink, iron enamel	2	1.00 Ea.	\$41.82	\$52.30	25.0000	25	25	\$1,307.56	\$1,307.56
Replace sink, P.E.C.I. sink, iron enamel kitchen	10	1.00 Ea.	\$636.70	\$757.51	5.0000	5	5	\$3,787.55	\$3,787.55
Check / minor repairs drinking fountain	1	2.00 Ea.	\$97.76	\$122.27	50.0000	50	50	\$6,113.26	\$6,113.26
Repair internal leaks drinking fountain	4	2.00 Ea.	\$90.16	\$112.76	12.5000	12	12	\$1,353.07	\$1,353.07
Correct water pressure drinking fountain	2	2.00 Ea.	\$83.64	\$104.60	25.0000	25	25	\$2,615.12	\$2,615.12
Replace refrigerant drinking fountain	2	2.00 Ea.	\$65.37	\$76.54	25.0000	25	25	\$1,913.46	\$1,913.46
Repair drain leak drinking fountain	4	2.00 Ea.	\$67.83	\$81.07	12.5000	12	10	\$972.83	\$810.69
Replace fountain drinking fountain	10	2.00 Ea.	\$2,562.31	\$3,029.12	5.0000	5	5	\$15,145.59	\$15,145.59
Resolder joint pipe & fittings, copper	10	2.00 Ea.	\$89.19	\$110.56	5.0000	5	5	\$552.79	\$552.79
Replace pipe and fittings, copper 3/4"	20	16.00 L.F.	\$416.86	\$502.12	2.5000	2	2	\$1,004.24	\$1,004.24
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$133.73	\$165.15	3.3333	3	3	\$495.46	\$495.46
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
Inspect / check pump / motor operation, lubricate circulation pump, 1/12 HP	0.5	1.00 Ea.	\$8.03	\$10.04	100.0000	100	100	\$1,003.93	\$1,003.93
Replace pump / motor assembly circulation pump, 1/12 HP	10	1.00 Ea.	\$1,100.58	\$1,290.00	5.0000	5	5	\$6,449.98	\$6,449.98
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$46.17	\$57.74	5.0000	5	5	\$288.68	\$288.68
Replace pipe & fittings, cast iron, 4"	40	8.00 L.F.	\$535.58	\$642.86	1.2500	1	1	\$642.86	\$642.86

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	2.5000	2	2	\$119.55	\$119.55
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
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$98.13	\$115.73	10.0000	10	7	\$1,157.31	\$810.12
Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,822.30	\$4,402.23	3.3333	3	3	\$13,206.68	\$13,206.68
Repair terminal reheat, 12" x 24" coil	10	2.00 Ea.	\$178.15	\$222.79	5.0000	5	4	\$1,113.97	\$891.18
Replace terminal reheat, 12" x 24" coil	15	2.00 Ea.	\$3,514.92	\$4,033.69	3.3333	3	3	\$12,101.07	\$12,101.07
Repair air conditioner, DX, 5 ton	10	2.00 Ea.	\$8,351.05	\$9,948.01	5.0000	5	3	\$49,740.03	\$29,844.02
Replace air conditioner, DX, 5 ton	20	2.00 Ea.	\$15,841.65	\$18,617.42	2.5000	2	2	\$37,234.84	\$37,234.84
Repair computer room air conditioner, air cooled, 5 ton	10	1.00 Ea.	\$4,277.08	\$5,096.24	5.0000	5	5	\$25,481.19	\$25,481.19
Replace computer room air conditioner, air cooled, 5 ton	20	1.00 Ea.	\$38,211.35	\$43,798.01	2.5000	2	2	\$87,596.02	\$87,596.02
Repair central station A.H.U., 1300 CFM	10	1.00 Ea.	\$498.49	\$594.57	5.0000	5	4	\$2,972.86	\$2,378.29
Replace central station A.H.U., 1300 CFM	15	1.00 Ea.	\$9,533.60	\$11,033.44	3.3333	3	3	\$33,100.31	\$33,100.31
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	19.00 Ea.	\$1,624.93	\$1,998.60	2.5000	2	2	\$3,997.20	\$3,997.20
Replace fuse	25	24.00 Ea.	\$9,915.94	\$11,392.76	2.0000	2	2	\$22,785.52	\$22,785.52
Maintenance and repair secondary transformer, dry	10	2.00 Ea.	\$464.88	\$556.53	5.0000	5	5	\$2,782.66	\$2,782.66
Maintenance and inspection secondary transformer, dry	0.5	2.00 Ea.	\$161.31	\$202.09	100.0000	100	100	\$20,209.46	\$20,209.46
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	16.6667	16	16	\$814.74	\$814.74
Replace wireway, 8" x 8"	20	104.00 L.F.	\$7,224.72	\$8,749.25	2.5000	2	2	\$17,498.50	\$17,498.50
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	8.00 Ea.	\$574.10	\$719.27	2.5000	2	2	\$1,438.53	\$1,438.53
Repair failed breaker, molded case, 600 V, 3 pole	10	4.00 Ea.	\$1,488.27	\$1,770.52	5.0000	5	5	\$8,852.62	\$8,852.62
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	2.00 Ea.	\$81.29	\$101.84	6.2500	6	6	\$611.06	\$611.06
Maintenance and repair safety switch general, 2 pole	8	2.00 Ea.	\$81.29	\$101.84	6.2500	6	6	\$611.06	\$611.06
Maintenance and repair receptacles and plugs	20	48.00 Ea.	\$2,027.68	\$2,531.45	2.5000	2	2	\$5,062.91	\$5,062.91
Maintenance and repair wiring devices, switches	10	56.00 Ea.	\$2,365.63	\$2,953.36	5.0000	5	5	\$14,766.81	\$14,766.81
Replace fluorescent light fixture ballast, 80 W	10	20.00 Ea.	\$2,493.37	\$3,024.74	5.0000	5	5	\$15,123.72	\$15,123.72
Replace lamps (2 lamps), 4', 34 W energy saver	10	20.00 Ea.	\$504.28	\$631.58	5.0000	5	5	\$3,157.89	\$3,157.89
Repair smoke detector	10	1.00 Ea.	\$56.39	\$69.71	5.0000	5	4	\$348.57	\$278.86
Check operation smoke detector	1	12.00 Ea.	\$194.33	\$243.47	50.0000	50	50	\$12,173.41	\$12,173.41
Replace smoke detector	15	12.00 Ea.	\$3,410.85	\$4,073.54	3.3333	3	3	\$12,220.63	\$12,220.63
Check and repair manual pull station	10	4.00 Ea.	\$350.79	\$431.32	5.0000	5	4	\$2,156.61	\$1,725.28
Replace manual pull station	15	4.00 Ea.	\$813.87	\$979.76	3.3333	3	3	\$2,939.29	\$2,939.29
Replace fire alarm bell, 6"	20	4.00 Ea.	\$779.85	\$941.10	2.5000	2	2	\$1,882.20	\$1,882.20
Maintenance and repair building structure ground	7	0.50 M.L.F.	\$43.94	\$54.89	7.1429	7	7	\$384.26	\$384.26

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace building structure ground	50	1.00 M.L.F.	\$4,337.42	\$5,318.61	1.0000	1	1	\$5,318.61	\$5,318.61
Maintenance and repair of general wiring lightning protection system	1	0.50 M.L.F.	\$48.36	\$59.91	50.0000	50	50	\$2,995.66	\$2,995.66
Replace lightning protection general wiring system	25	0.50 M.L.F.	\$5,504.56	\$6,548.00	2.0000	2	2	\$13,095.99	\$13,095.99
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	6.00 Ea.	\$328.14	\$395.25	25.0000	25	25	\$9,881.35	\$9,881.35
Replace emergency lighting fixture	20	6.00 Ea.	\$3,614.21	\$4,258.57	2.5000	2	2	\$8,517.14	\$8,517.14
Maintenance and repair exit light	20	6.00 Ea.	\$223.21	\$276.02	2.5000	2	2	\$552.04	\$552.04
Replace lamp exit light	5	6.00 Ea.	\$101.08	\$119.78	10.0000	10	10	\$1,197.81	\$1,197.81
Replace lighting fixture exit light	20	6.00 Ea.	\$1,146.21	\$1,378.56	2.5000	2	2	\$2,757.13	\$2,757.13
			\$242,881.37	\$287,179.71				MR Subtotal	\$758,176.33
								MR Per Year	\$15,115.72
								PM Total	\$9,559.44
								Subtotal	\$24,675.16
								Total Per Unit	\$9.31

FAC 1331 AIRCRAFT NAVIGATION BUILDING

SUC \$9.31

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 50

Type PM

Average Size 2649.0

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	\$58.37	\$43.00	\$0.00	\$101.37	\$120.10	\$141.76
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	1.00	4.07	\$40.96	\$168.81	\$0.00	\$209.77	\$264.51	\$321.30
Urinals, annualized	2.00	0.46	\$12.64	\$22.91	\$0.00	\$35.54	\$43.68	\$52.45
Toilet (vacuum breaker type), annualized	4.00	0.71	\$33.77	\$35.59	\$0.00	\$69.36	\$83.41	\$99.16
Lavatories, annualized	4.00	1.39	\$23.86	\$82.81	\$0.00	\$106.67	\$133.90	\$162.33
Drink fountain, annualized	2.00	1.24	\$41.45	\$62.55	\$0.00	\$104.00	\$126.91	\$151.90
Boiler, hot water, oil, gas, or comb. fired, up to 120 MBH, annualized	1.00	12.53	\$77.34	\$753.25	\$0.00	\$830.60	\$1,064.31	\$1,301.88
Air handling unit, 3 thru 24 tons, annualized	1.00	2.06	\$224.44	\$103.96	\$0.00	\$328.40	\$382.03	\$446.89
Package unit, air cooled, 3 thru 24 ton, annualized	2.00	4.79	\$353.85	\$288.97	\$0.00	\$642.82	\$764.89	\$904.66
Package unit, computer room, annualized	1.00	4.34	\$148.62	\$260.78	\$0.00	\$409.39	\$502.49	\$603.01
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
Extinguishing system, FM200, annualized	1.00	9.26	\$611.65	\$462.52	\$0.00	\$1,074.18	\$1,274.10	\$1,504.61
Switchboard, annually	2.00	1.40	\$7.98	\$92.20	\$0.00	\$100.18	\$128.64	\$157.50
Circuit breaker, high voltage air, annually	2.00	0.94	\$30.31	\$62.16	\$0.00	\$92.47	\$114.15	\$137.35
Switch, interrupt, high voltage, fused air, annualized	2.00	0.73	\$30.31	\$47.66	\$0.00	\$77.97	\$95.30	\$114.14
Transformer, dry type 500 KVA and over, annually	1.00	0.77	\$15.16	\$50.76	\$0.00	\$65.92	\$82.66	\$100.17
Panelboard, 225 A and above, annually	2.00	0.88	\$46.39	\$58.02	\$0.00	\$104.41	\$126.46	\$150.82
Panelboard, 225 A and above, annualized	2.00	0.88	\$46.39	\$58.02	\$0.00	\$104.41	\$126.46	\$150.82
Fire alarm annunciator system, annually	1.00	2.73	\$170.11	\$161.62	\$0.00	\$331.73	\$397.23	\$471.23
Emergency diesel or gas generator, up to 15 KVA, annually	1.00	1.49	\$111.35	\$87.54	\$0.00	\$198.89	\$236.29	\$279.25
Power stablizer, annually	1.00	0.62	\$9.28	\$36.78	\$0.00	\$46.06	\$58.02	\$70.44
Power stablizer, annualized	1.00	0.62	\$9.28	\$36.78	\$0.00	\$46.06	\$58.02	\$70.44
Uninterrupted power system, up to 200 KVA, annually	1.00	3.01	\$196.92	\$178.19	\$0.00	\$375.11	\$448.26	\$531.26
Light, emergency, hardwired system, annualized	8.00	2.00	\$61.86	\$118.10	\$0.00	\$179.96	\$221.58	\$266.29
Cathodic protection system, annualized	1.00	1.46	\$19.33	\$79.05	\$0.00	\$98.38	\$124.03	\$150.64
						\$6,513.49	\$7,974.88	\$9,559.44

FAC 1331 AIRCRAFT NAVIGATION BUILDING

Modeled Component List CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Aluminum Siding, 1st floor	6.5 C.S.F.
Aluminum Window, Fixed, 1st floor	16.0 Ea.
Steel, Painted	2.0 Ea.
Steel Single, Roll-Up	1.0 Ea.
B30 Roofing	
EPDM Roof	24.0 Sq.
C10 Interior Construction	
Steel Painted Interior Doors	1.0 Ea.
Solid Core Interior Doors	4.0 Ea.
C30 Interior Finishes	
Concrete, Finished	12.0 C.S.F.
Vinyl	12.0 S.Y.
Gypsum Wall Board	2.1 C.S.F.
Acoustic Tile, fire-rated	13.2 C.S.F.
D20 Plumbing	
Tankless Water Closet	4.0 Ea.
Urinal	2.0 Ea.
Lavatory, Vitreous China	4.0 Ea.
Sink, Iron Enamel	1.0 Ea.
Drinking Fountain	2.0 Ea.
Water Heater, Gas / Oil, 30 Gallon	1.0 Ea.
Circulation Pump, 1/12 HP	1.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	1.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Terminal Reheat Coil, 12" x 24"	2.0 Ea.
Air Conditioner, DX Package, 5 ton	2.0 Ea.
Computer Room A/C Units, Air Cooled, 5 ton	1.0 Ea.
Central Station Air Conditioning Air Handling Unit, 1300 CFM	1.0 Ea.
D40 Fire Protection	
Sprinkler System, Fire Suppression, sprinkler head	19.0 Ea.
Extinguishing system, FM200	1.0 Each
D50 Electrical	
Load Center, 100 A, maintenance & inspection	1.0 Ea.
Smoke Detector	12.0 Ea.
Manual Pull Station	4.0 Ea.
Fire Alarm Bell	4.0 Ea.
Building Structure Ground	1.0 M.L.F.
Lightning Protection System	0.5 M.L.F.
Lightning Ground Rod	1.0 Ea.
Emergency Lighting Fixture	6.0 Ea.
Exit Light	6.0 Ea.
G40 Site Electrical Utilities	
Cathodic Protection, annualized	1.0 Each

FAC 1331 AIRCRAFT NAVIGATION BUILDING
Sustainment by Year
CostWorks Release 2021 Qtr 3

