

FAC 1466 AIRCRAFT SHELTER

FY22 SUC: \$1.14 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 1466 AIRCRAFT SHELTER

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 45
Average Size 13150.248

SUC \$1.14

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 aluminum siding, 1st floor	35	21.35 C.S.F.	\$12,474.95	\$15,022.41	1.2857	1	1	\$15,022.41	\$15,022.41
Refinish aluminum siding, 1st floor	20	21.35 C.S.F.	\$3,864.89	\$4,769.99	2.2500	2	2	\$9,539.99	\$9,539.99
Replace aluminum siding, 2nd floor	35	21.35 C.S.F.	\$15,284.34	\$18,511.15	1.2857	1	1	\$18,511.15	\$18,511.15
Refinish aluminum siding, 2nd floor	20	21.35 C.S.F.	\$5,994.18	\$7,417.80	2.2500	2	2	\$14,835.60	\$14,835.60
Replace aluminum siding, 3rd floor	35	21.35 C.S.F.	\$16,983.24	\$20,620.85	1.2857	1	1	\$20,620.85	\$20,620.85
Refinish aluminum siding, 3rd floor	20	21.35 C.S.F.	\$7,681.15	\$9,515.58	2.2500	2	2	\$19,031.16	\$19,031.16
Refinish 12' x 24' steel double roll-up door	5	4.00 Ea.	\$1,631.44	\$1,998.31	9.0000	9	9	\$17,984.75	\$17,984.75
Replace 12' x 24' steel double roll-up door	35	4.00 Ea.	\$21,628.66	\$25,670.94	1.2857	1	1	\$25,670.94	\$25,670.94
Repair steel, painted, door	14	1.00 Ea.	\$625.07	\$744.01	3.2143	3	3	\$2,232.02	\$2,232.02
Refinish 3'-0" x 7'-0" steel, painted, door	4	1.00 Ea.	\$41.40	\$50.87	11.2500	11	11	\$559.53	\$559.53
Replace 3'-0" x 7'-0" steel, painted, door	45	1.00 Ea.	\$705.06	\$819.73	1.0000	1	1	\$819.73	\$819.73
Debris removal, by hand and visual inspection, metal panel roofing	1	13.48 M.S.F.	\$307.06	\$374.52	45.0000	45	45	\$16,853.56	\$16,853.56
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	270.85 S.F.	\$946.11	\$1,135.13	9.0000	9	9	\$10,216.20	\$10,216.20
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	5.37 S.F.	\$98.21	\$119.00	45.0000	45	45	\$5,354.95	\$5,354.95
Minor metal roof panel replacement, 2.5% of roof area	20	338.60 S.F.	\$3,869.34	\$4,595.45	2.2500	2	2	\$9,190.89	\$9,190.89
Total metal roof panel replacement	30	135.49 Sq.	\$114,505.50	\$135,623.64	1.5000	1	1	\$135,623.64	\$135,623.64
Refinish concrete floor finished	25	110.30 C.S.F.	\$46,527.55	\$55,886.83	1.8000	1	1	\$55,886.83	\$55,886.83
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	45.0000	45	45	\$1,931.79	\$1,931.79
Replace sprinkler head	20	153.00 Ea.	\$13,084.99	\$16,093.99	2.2500	2	2	\$32,187.99	\$32,187.99
Replace fire alarm bell, 6"	20	2.00 Ea.	\$389.92	\$470.55	2.2500	2	2	\$941.10	\$941.10
Replace metal halide ballast, 175 W	10	95.41 Ea.	\$14,167.30	\$17,012.17	4.5000	4	2	\$68,048.68	\$34,024.34
Replace metal halide fixture, 175 W	20	95.41 Ea.	\$74,275.83	\$87,258.43	2.2500	2	2	\$174,516.85	\$174,516.85
Maintenance and repair receptacles and plugs	20	10.00 Ea.	\$422.43	\$527.39	2.2500	2	2	\$1,054.77	\$1,054.77
Replace receptacle/plug receptacles and plugs	20	10.00 Ea.	\$719.56	\$886.97	2.2500	2	2	\$1,773.93	\$1,773.93
Maintenance and repair wiring devices, switches	10	8.00 Ea.	\$337.95	\$421.91	4.5000	4	4	\$1,687.64	\$1,687.64
Replace wiring devices, switches	15	8.00 Ea.	\$523.02	\$649.78	3.0000	3	3	\$1,949.33	\$1,949.33
Check and repair manual pull station	10	2.00 Ea.	\$175.39	\$215.66	4.5000	4	3	\$862.64	\$646.98
Replace manual pull station	15	2.00 Ea.	\$406.94	\$489.88	3.0000	3	3	\$1,469.65	\$1,469.65

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair smoke detector	10	22.00 Ea.	\$1,240.53	\$1,533.71	4.5000	4	3	\$6,134.84	\$4,601.13
Replace smoke detector	15	22.00 Ea.	\$6,253.22	\$7,468.16	3.0000	3	3	\$22,404.49	\$22,404.49
			\$365,199.56	\$435,947.73				MR Subtotal	\$657,144.18
								MR Per Year	\$14,603.20
								PM Total	\$355.82
								Subtotal	\$14,959.02
								Total Per Unit	\$1.14

FAC 1466 AIRCRAFT SHELTER

SUC \$1.14

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 45

Type PM

Average Size 13150.248

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	1.00	0.26	\$14.59	\$10.75	\$0.00	\$25.34	\$30.03	\$35.44
Door, overhead, manual, up to 24' high x 25' wide, annualized	2.00	4.39	\$23.76	\$181.68	\$0.00	\$205.44	\$262.32	\$320.38
						\$230.78	\$292.34	\$355.82

FAC 1466 AIRCRAFT SHELTER
Modeled Component List
CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure

Aluminum Siding, 1st floor	21.34857964810448 C.S.F.
Aluminum Siding, 2nd floor	21.34857964810448 C.S.F.
Aluminum Siding, 3rd floor	21.34857964810448 C.S.F.
Steel Double, Roll-Up	4.0 Ea.
Steel, Painted	1.0 Ea.

B30 Roofing

Metal Steep Roofing	135.48595799020495 Sq.
---------------------	------------------------

C30 Interior Finishes

Concrete, Finished	110.3 C.S.F.
--------------------	--------------

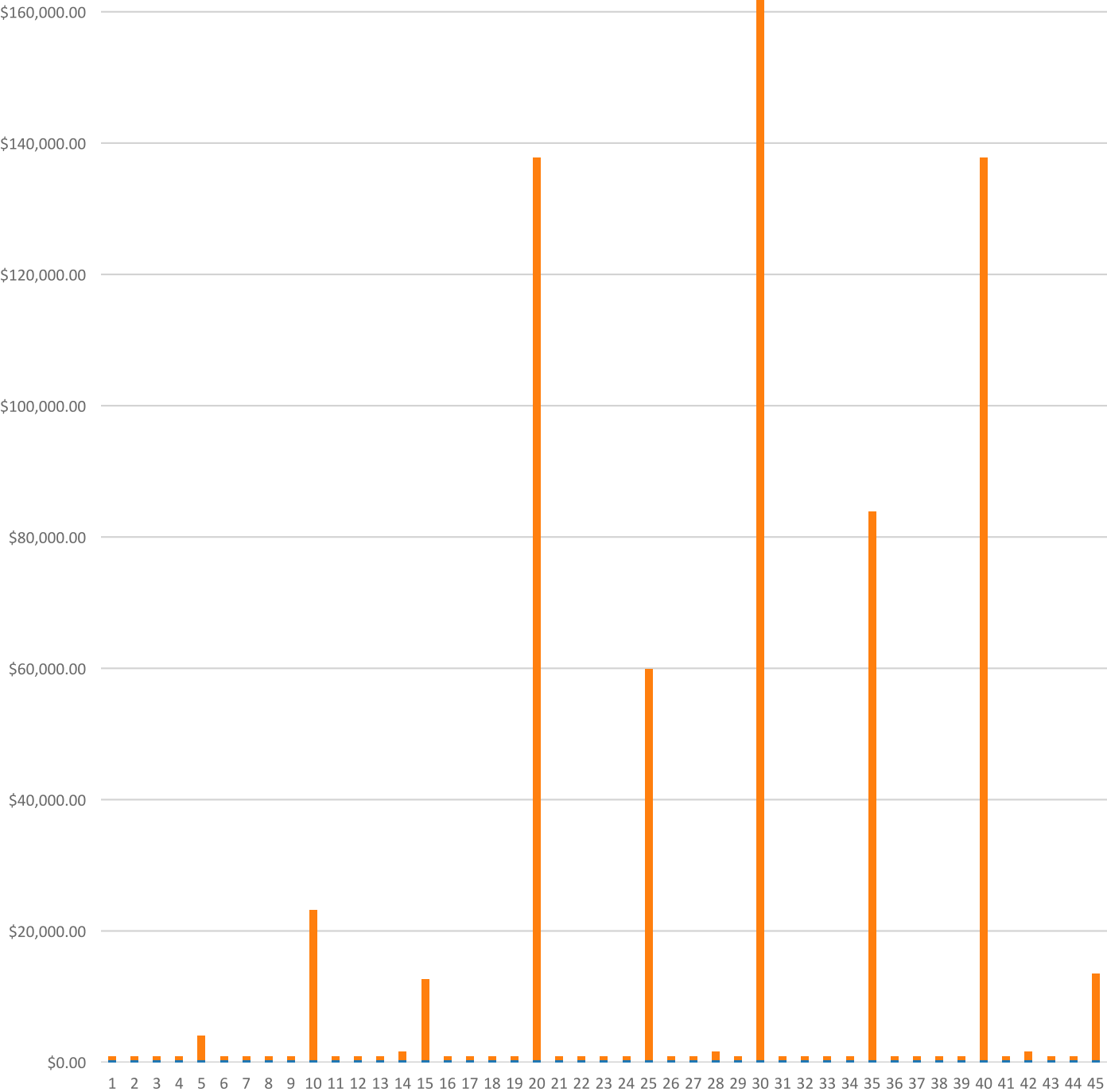
D40 Fire Protection

Sprinkler System, Fire Supression, sprinkler head	153.0 Ea.
---	-----------

D50 Electrical

Fire Alarm Bell	2.0 Ea.
Metal Halide Fixture	95.41264647197534 Ea.
Manual Pull Station	2.0 Ea.
Smoke Detector	22.0 Ea.

FAC 1466 AIRCRAFT SHELTER
Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost