

FAC 1466 Aircraft Shelter

RUC: \$137. 72

Source: AFCESA Cost Handbook (FY-06)
Inflated to FY-08 using actual inflation; projected to FY-09 using Green Book
In V12, Tri-Service and USACE PAX Newsletter values were updated while all
other values were inflated only.

SUC: \$1.01

Source: Cost Works model in \$FY-08, inflated to \$FY-09 using Green Book Table 5-6
(O&M less DHP)
In V12, values were inflated only.

Model follows:

Chart: A chart showing relative annual sustainment requirements follows:

FAC 1466 Aircraft Shelter
CostWorks 2008 Quarter 2

Design Life= 45
Average S.F= 11,026

C.S.F=100 S.F; MSF=1000 S.F
Sq=100 S.F; M.L.F=1000 L.F

This spreadsheet was exported
from R.S. Means CostWorks

Terminal Cutoff is the removal of a single task ocurence if that task occurs within 10%
of the end of the design life and if the frequency of the task exceeds 20% of the design
life. This prevents scheduling major work near the end of the design life.

Description	Frequency	Crew	Qty	Unit	Total In-House	Total Incl. O&P	Release	Occurrences In Design Life	Adjusted Occurences	Terminal Cutoff
Replace aluminum siding - 1st floor	35	1 Carp	17.900	C.S.F.	8,129.64	9,758.36	2008 Qtr 2	1	1	\$ 9,758.36
Refinish aluminum siding - 1st floor	20	1 Pord	17.900	C.S.F.	2,705.05	3,335.49	2008 Qtr 2	2	2	\$ 6,670.97
Replace aluminum siding - 2nd floor	35	1 Carp	17.900	C.S.F.	10,094.71	12,162.69	2008 Qtr 2	1	1	\$ 12,162.69
Refinish aluminum siding - 2nd floor	20	1 Pord	17.900	C.S.F.	4,207.75	5,161.82	2008 Qtr 2	2	2	\$ 10,323.65
Replace aluminum siding - 3rd floor	35	1 Carp	17.900	C.S.F.	11,296.69	13,626.73	2008 Qtr 2	1	1	\$ 13,626.73
Refinish aluminum siding - 3rd floor	20	1 Pord	17.900	C.S.F.	5,409.74	6,626.04	2008 Qtr 2	2	2	\$ 13,252.09
Refinish 12' x 24' steel double roll-up door	12	1 Pord	4.000	Ea.	1,354.12	1,648.08	2008 Qtr 2	3	3	\$ 4,944.24
Replace 12' x 24' steel double roll-up door	35	2 Carp	4.000	Ea.	26,605.60	30,882.56	2008 Qtr 2	1	1	\$ 30,882.56
Repair steel, painted, door	14	1 Carp	1.000	Ea.	582.44	686.36	2008 Qtr 2	3	2	\$ 1,372.72
Refinish 3'-0" x 7'-0" steel, painted, door	12	1 Pord	1.000	Ea.	32.91	40.31	2008 Qtr 2	3	3	\$ 120.93
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	1.000	Ea.	532.08	620.04	2008 Qtr 2	1	0	\$ -
Debris removal by hand & visual inspection metal steep roofing	1	2 Rofc	11.300	M.S.F.	200.58	241.82	2008 Qtr 2	45	45	\$ 10,881.90
Minor finish repairs - (2% of roof area) metal steep roofing	5	2 Rofc	227.100	S.F.	615.44	731.26	2008 Qtr 2	9	9	\$ 6,581.36
Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing	5	2 Rofc	4.500	S.F.	64.98	77.99	2008 Qtr 2	9	9	\$ 701.87
Minor replacement - (2.5% of roof area) metal steep roofing	20	2 Rofc	283.900	S.F.	2,538.07	3,015.02	2008 Qtr 2	2	2	\$ 6,030.04
Total metal panel replacement metal steep roofing	30	2 Rofc	113.600	Sq.	75,240.69	89,461.14	2008 Qtr 2	1	1	\$ 89,461.14
Refinish concrete floor finished	25	2 Cefi	110.300	C.S.F.	38,543.23	46,402.11	2008 Qtr 2	1	1	\$ 46,402.11
Inspect sprinkler system	1	1 Plum	1.000	Ea.	26.55	32.89	2008 Qtr 2	45	45	\$ 1,480.05
Replace sprinkler head	20	1 Plum	128.000	Ea.	8,151.04	10,042.88	2008 Qtr 2	2	2	\$ 20,085.76
Replace fire alarm bell, 6"	20	1 Elec	2.000	Ea.	284.56	343.02	2008 Qtr 2	2	2	\$ 686.04
Replace M.H. ballast mercury halide fixture, 175 W	10	1 Elec	80.000	Ea.	15,280.00	17,911.20	2008 Qtr 2	4	4	\$ 71,644.80
Replace lamp mercury halide fixture, 175 W	5	1 Elec	80.000	Ea.	5,919.20	6,997.60	2008 Qtr 2	9	9	\$ 62,978.40
Replace mercury halide fixture, 175 W	40	1 Elec	80.000	Ea.	48,628.80	56,941.60	2008 Qtr 2	1	1	\$ 56,941.60
Maintenance and repair receptacles and plugs	20	1 Elec	10.000	Ea.	310.90	387.30	2008 Qtr 2	2	2	\$ 774.60
Replace receptacle/plug receptacles and plugs	20	1 Elec	10.000	Ea.	527.60	644.20	2008 Qtr 2	2	2	\$ 1,288.40
Maintenance and repair wiring devices, switches	10	1 Elec	8.000	Ea.	248.72	309.84	2008 Qtr 2	4	4	\$ 1,239.36
Replace switch wiring devices, switches	15	1 Elec	8.000	Ea.	409.68	498.80	2008 Qtr 2	3	2	\$ 997.60
Check and repair manual pull station	10	1 Elec	2.000	Ea.	138.42	169.74	2008 Qtr 2	4	4	\$ 678.96
Replace manual pull station	15	1 Elec	2.000	Ea.	251.48	303.78	2008 Qtr 2	3	2	\$ 607.56
Repair smoke detector	10	1 Elec	22.000	Ea.	840.18	1,034.00	2008 Qtr 2	4	4	\$ 4,136.00
Replace smoke detector	15	1 Elec	22.000	Ea.	4,170.10	4,993.78	2008 Qtr 2	3	2	\$ 9,987.56
					\$273,340.94	\$325,088.45				
									MR Subtotal	\$ 496,700.04
									MR Per Year	\$ 11,037.78
									PM Per Year	\$382.61
									Subtotal	\$ 11,420.39
									Total Per Unit	\$ 1.04

CostWorks 2009 Quarter 1 - FAC 1466 Aircraft Shelter

Qty	Assembly Number	Description	Total In-House	Total Incl. O&P	Zip Code	Prefix	Type	Release
1.000	B2035 225 1950	Door, emergency egress, swinging, annualized	49.51	57.51	200		FMR	2008 Qtr 2
2.000	B2035 400 1950	Door, overhead, manual, up to 24' high x 25' wide,	269.48	325.10	200		FMR	2008 Qtr 2
			\$318.99	\$382.61				

FAC 1466 Sustainment by Year - Terminal Cutoff Applied

