

FAC 2115 Aircraft Maintenance Hangar Depot

RUC: \$263.79 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09
CC 21110 High Bay Maintenance
Deflated to FY-09 using Appendix C of newsletter
In V12, Tri-Service and USACE PAX Newsletter values were updated while all
other values were inflated only.

SUC: \$1.49 SF

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 2115-Aircraft Maintenance Hangar, Depot
CostWorks 2008 Quarter 2

Design Life= 40
Average S.F= 71,067

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 occurrence 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 Occurrences	Terminal Cutoff
Replace aluminum siding - 1st floor	35	1 Carp	45.450	C.S.F.	20,642.03	24,777.52	2008 Qtr 2	1	1 \$	24,777.52
Refinish aluminum siding - 1st floor	20	1 Pord	45.450	C.S.F.	6,868.40	8,469.15	2008 Qtr 2	2	1 \$	8,469.15
Replace aluminum siding - 2nd floor	35	1 Carp	45.450	C.S.F.	25,631.53	30,882.37	2008 Qtr 2	1	1 \$	30,882.37
Refinish aluminum siding - 2nd floor	20	1 Pord	45.450	C.S.F.	10,683.93	13,106.42	2008 Qtr 2	2	1 \$	13,106.42
Replace aluminum siding - 3rd floor	35	1 Carp	45.450	C.S.F.	28,683.50	34,599.72	2008 Qtr 2	1	1 \$	34,599.72
Refinish aluminum siding - 3rd floor	20	1 Pord	45.450	C.S.F.	13,735.90	16,824.23	2008 Qtr 2	2	1 \$	16,824.23
Repair 3'-9" x 5'-5" steel frame window - 1st flr.	20	1 Carp	104.000	Ea.	27,353.04	31,949.84	2008 Qtr 2	2	1 \$	31,949.84
Refinish 3'-9" x 5'-5" st. frame window - 1st flr.	5	1 Pord	104.000	Ea.	6,999.20	8,639.28	2008 Qtr 2	8	8 \$	69,114.24
Replace 3'-9" x 5'-5" st. frame window - 1st flr.	45	1 Carp	104.000	Ea.	161,471.44	185,783.52	2008 Qtr 2	0	0 \$	-
Finish new 3'-9" x 5'-5" st. fr. window - 1st flr.	45	1 Pord	104.000	Ea.	6,080.88	7,497.36	2008 Qtr 2	0	0 \$	-
Replace glass - 1st floor (1% of glass)	1	1 Carp	21.840	S.F.	197.65	231.94	2008 Qtr 2	40	40 \$	9,277.63
Refinish 12' x 24' steel double roll-up door	5	1 Pord	14.000	Ea.	4,739.42	5,768.28	2008 Qtr 2	8	8 \$	46,146.24
Replace 12' x 24' steel double roll-up door	35	2 Carp	14.000	Ea.	93,119.60	108,088.96	2008 Qtr 2	1	1 \$	108,088.96
Repair steel, painted, door	14	1 Carp	6.000	Ea.	3,494.64	4,118.16	2008 Qtr 2	2	2 \$	8,236.32
Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	6.000	Ea.	197.46	241.86	2008 Qtr 2	10	10 \$	2,418.60
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	6.000	Ea.	3,192.48	3,720.24	2008 Qtr 2	0	0 \$	-
Debris removal by hand & visual inspection metal steep roofing	1	2 Rofc	73.199	M.S.F.	1,299.28	1,566.46	2008 Qtr 2	40	40 \$	62,658.34
Total metal panel replacement metal steep roofing	30	2 Rofc	731.990	Sq.	484,818.94	576,449.44	2008 Qtr 2	1	1 \$	576,449.44
Minor finish repairs - (2% of roof area) metal steep roofing	5	2 Rofc	1,464.000	S.F.	3,967.44	4,714.08	2008 Qtr 2	8	8 \$	37,712.64
Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing	1	2 Rofc	29.280	S.F.	422.80	507.42	2008 Qtr 2	40	40 \$	20,296.90
Minor replacement - (2.5% of roof area) metal steep roofing	20	2 Rofc	1,830.000	S.F.	16,360.20	19,434.60	2008 Qtr 2	2	1 \$	19,434.60
Repair steel painted interior door	14	1 Carp	15.000	Ea.	2,516.25	2,972.10	2008 Qtr 2	2	2 \$	5,944.20
Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	15.000	Ea.	741.00	912.30	2008 Qtr 2	10	10 \$	9,123.00
Replace 3'-0" x 7'-0" steel painted interior door	60	1 Carp	15.000	Ea.	14,063.10	16,349.40	2008 Qtr 2	0	0 \$	-
Repair solid core wood door interior	11	1 Carp	12.000	Ea.	2,013.00	2,377.68	2008 Qtr 2	3	3 \$	7,133.04
Refinish 3'-0" x 7'-0" solid core wood door interior	4	1 Pord	12.000	Ea.	506.64	623.76	2008 Qtr 2	10	10 \$	6,237.60
Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	12.000	Ea.	4,400.40	5,101.44	2008 Qtr 2	1	0 \$	-
Refinish drywall	4	1 Pord	7,094.000	S.F.	4,256.40	5,249.56	2008 Qtr 2	10	10 \$	52,495.60
Replace 5/8" drywall	75	2 Carp	7,094.000	S.F.	15,819.62	19,082.86	2008 Qtr 2	0	0 \$	-
Repair 5/8" drywall - (2% of walls)	20	1 Carp	141.900	S.F.	225.62	271.03	2008 Qtr 2	2	1 \$	271.03
Replace stainless steel wall interior finish	75	2 Sswk	117.430	C.S.F.	157,252.86	186,212.27	2008 Qtr 2	0	0 \$	-
Replace carpet	8	2 Tilf	631.700	S.Y.	28,508.62	32,936.84	2008 Qtr 2	5	5 \$	164,684.19
Refinish concrete floor finished	25	2 Cefi	625.390	C.S.F.	218,536.28	263,095.32	2008 Qtr 2	1	1 \$	263,095.32
Replace vinyl sheet flooring	18	1 Tilf	315.900	S.Y.	26,428.19	31,438.37	2008 Qtr 2	2	2 \$	62,876.74
Refinish sheetrock ceiling	20	1 Pord	106.600	C.S.F.	13,396.42	16,553.91	2008 Qtr 2	2	1 \$	16,553.91
Replace sheetrock ceiling	40	2 Carp	106.600	C.S.F.	38,197.98	46,638.57	2008 Qtr 2	1	0 \$	-

FAC 2115-Aircraft Maintenance Hangar, Depot
CostWorks 2008 Quarter 2

Design Life= 40
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Sq=100 S.F; M.L.F=1000 L.F

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Terminal Cutoff is the removal of a single task occurrence 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 Occurrences	Terminal Cutoff
Repair sheetrock ceiling - (2% of ceilings)	20	1 Carp	2.132	C.S.F.	744.60	908.81	2008 Qtr 2	2	1	\$ 908.81
Check / minor repairs drinking fountain	1	1 Plum	4.000	Ea.	150.32	189.36	2008 Qtr 2	40	40	\$ 7,574.40
Repair internal leaks drinking fountain	4	1 Plum	4.000	Ea.	140.56	173.72	2008 Qtr 2	10	10	\$ 1,737.20
Correct water pressure drinking fountain	2	1 Plum	4.000	Ea.	128.84	162.00	2008 Qtr 2	20	20	\$ 3,240.00
Replace refrigerant drinking fountain	2	1 Plum	4.000	Ea.	63.36	75.44	2008 Qtr 2	20	20	\$ 1,508.80
Repair drain leak drinking fountain	4	1 Plum	4.000	Ea.	90.52	108.12	2008 Qtr 2	10	10	\$ 1,081.20
Replace fountain drinking fountain	10	2 Plum	4.000	Ea.	4,023.36	4,774.28	2008 Qtr 2	4	3	\$ 14,322.84
Inspect and clean spray heads, emergency eye wash	3	1 Plum	2.000	Ea.	75.60	94.88	2008 Qtr 2	13	13	\$ 1,233.44
Replace eye wash station, emergency eye wash	25	2 Plum	2.000	Ea.	1,147.84	1,391.76	2008 Qtr 2	1	1	\$ 1,391.76
Replace washer in spud connection lavatory, vitreous china	7	1 Plum	21.000	Ea.	504.21	594.93	2008 Qtr 2	5	5	\$ 2,974.65
Replace washer in faucet lavatory, vitreous china	2	1 Plum	21.000	Ea.	206.85	258.09	2008 Qtr 2	20	20	\$ 5,161.80
Replace faucets lavatory, vitreous china	10	1 Plum	21.000	Ea.	2,593.29	3,130.26	2008 Qtr 2	4	3	\$ 9,390.78
Clean out strainer and P trap lavatory, vitreous china	2	1 Plum	21.000	Ea.	567.84	704.97	2008 Qtr 2	20	20	\$ 14,099.40
Replace lavatory, vitreous china	35	2 Plum	21.000	Ea.	11,133.99	13,349.70	2008 Qtr 2	1	1	\$ 13,349.70
Replace faucet washer sink, iron enamel	2	1 Plum	1.000	Ea.	9.79	12.19	2008 Qtr 2	20	20	\$ 243.80
Clean trap sink, iron enamel	3	1 Plum	1.000	Ea.	6.60	8.25	2008 Qtr 2	13	13	\$ 107.25
Replace faucets sink, iron enamel	10	1 Plum	1.000	Ea.	123.49	149.06	2008 Qtr 2	4	3	\$ 447.18
Unstop sink sink, iron enamel	2	1 Plum	1.000	Ea.	32.21	40.50	2008 Qtr 2	20	20	\$ 810.00
Replace sink, P.E.C.I. sink, iron enamel	35	2 Plum	1.000	Ea.	552.72	657.69	2008 Qtr 2	1	1	\$ 657.69
Inspect / clean shower head fiberglass	3	1 Plum	3.000	Ea.	113.40	142.32	2008 Qtr 2	13	13	\$ 1,850.16
Replace mixing valve barrel shower, fiberglass	2	1 Plum	3.000	Ea.	444.45	528.96	2008 Qtr 2	20	20	\$ 10,579.20
Replace mixing valve shower, fiberglass	10	1 Plum	3.000	Ea.	824.04	987.00	2008 Qtr 2	4	3	\$ 2,961.00
Replace shower and fittings, fiberglass	20	2 Plum	3.000	Ea.	2,929.95	3,454.74	2008 Qtr 2	2	1	\$ 3,454.74
Replace flush valve diaphragm tankless water closet	10	1 Plum	12.000	Ea.	848.88	996.72	2008 Qtr 2	4	3	\$ 2,990.16
Rebuild flush valve tankless water closet	20	1 Plum	12.000	Ea.	1,583.76	1,920.12	2008 Qtr 2	2	1	\$ 1,920.12
Unplug clogged line tankless water closet	5	1 Plum	12.000	Ea.	2,019.12	2,522.16	2008 Qtr 2	8	8	\$ 20,177.28
Replace tankless water closet	35	2 Plum	12.000	Ea.	6,576.00	7,780.32	2008 Qtr 2	1	1	\$ 7,780.32
Replace tankless flush valve	25	1 Plum	12.000	Ea.	2,514.00	2,944.44	2008 Qtr 2	1	1	\$ 2,944.44
Replace wax ring gasket tankless water closet	5	1 Plum	12.000	Ea.	1,314.84	1,646.40	2008 Qtr 2	8	8	\$ 13,171.20
Replace flush valve diaphragm urinal	7	1 Plum	4.000	Ea.	282.96	332.24	2008 Qtr 2	5	5	\$ 1,661.20
Rebuild flush valve urinal	20	1 Plum	4.000	Ea.	527.92	640.04	2008 Qtr 2	2	1	\$ 640.04
Replace wall-hung urinal	35	2 Plum	4.000	Ea.	3,366.52	4,026.28	2008 Qtr 2	1	1	\$ 4,026.28
Inspect / check pump / motor operation, lub. circulation pump, 1/12 HP	0.5	1 Plum	1.000	Ea.	6.19	7.72	2008 Qtr 2	80	80	\$ 617.60
Replace pump / motor assembly circulation pump, 1/12 HP	10	2 Plum	1.000	Ea.	736.33	863.29	2008 Qtr 2	4	3	\$ 2,589.87
Resolder joint pipe & fittings, copper	10	1 Plum	1.000	Ea.	32.85	40.45	2008 Qtr 2	4	3	\$ 121.35
Replace pipe and fittings, copper 3/4"	20	2 Plum	3,500.000	L.F.	62,020.00	75,180.00	2008 Qtr 2	2	1	\$ 75,180.00

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Replace pipe and fittings, copper 2"	25	2 Plum	2,200.000	L.F.	89,782.00	108,042.00	2008 Qtr 2	1	1 \$	108,042.00
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	1 Plum	3,900.000	L.F.	27,339.00	33,306.00	2008 Qtr 2	2	2 \$	66,612.00
Overhaul water heater, gas / oil, 70 gallon	5	1 Plum	1.000	Ea.	126.58	158.02	2008 Qtr 2	8	8 \$	1,264.16
Clean & service water heater, gas / oil, 70 gallon	1	1 Plum	1.000	Ea.	151.28	188.37	2008 Qtr 2	40	40 \$	7,534.80
Replace water heater, gas / oil, 70 gallon	12	2 Plum	1.000	Ea.	2,468.08	2,857.11	2008 Qtr 2	3	3 \$	8,571.33
Replace storage tank, glass lined, P.E., 80 gal.	50	2 Plum	1.000	Ea.	2,773.50	3,162.19	2008 Qtr 2	0	0 \$	-
Unclog main drain pipe & fittings, cast iron	10	1 Plum	1.000	Ea.	35.62	44.41	2008 Qtr 2	4	3 \$	133.23
Replace pipe & fittings, cast iron	40	2 Plum	1,600.000	L.F.	67,040.00	81,120.00	2008 Qtr 2	1	0 \$	-
Replace pipe, 4" pipe and fittings, PVC	30	2 Plum	900.000	L.F.	53,280.00	65,871.00	2008 Qtr 2	1	1 \$	65,871.00
Repair joint pipe and fittings, PVC	10	1 Plum	1.000	Ea.	115.94	144.14	2008 Qtr 2	4	3 \$	432.42
Unclog floor drain, PVC	20	1 Plum	1.000	Ea.	37.09	45.87	2008 Qtr 2	2	1 \$	45.87
General maintenance & repair drain: roof, scupper, area	1	1 Plum	20.000	Ea.	567.00	713.40	2008 Qtr 2	40	40 \$	28,536.00
Replace drain: roof, scupper, area	40	1 Plum	20.000	Ea.	7,966.80	9,362.80	2008 Qtr 2	1	0 \$	-
Install new 4" gasket, 1 per M.L.F. natural gas, steel/iron	30	1 Stpi	1.000	Ea.	157.52	195.63	2008 Qtr 2	1	1 \$	195.63
Replace 10' of buried 4" diam steel pipe/M.L.F. natural gas	12	B35	120.000	Ea.	95,618.40	114,862.80	2008 Qtr 2	3	3 \$	344,588.40
Repair chemical feed system	15	1 Stpi	2.000	Ea.	1,474.56	1,755.22	2008 Qtr 2	2	2 \$	3,510.44
Replace chemical feed system	15	2 Stpi	2.000	Ea.	1,380.24	1,600.84	2008 Qtr 2	2	2 \$	3,201.68
Inspect/check pump/motor operation, lub. circulation pump, bronze 1 HP	0.5	1 Plum	15.000	Ea.	92.85	115.80	2008 Qtr 2	80	80 \$	9,264.00
Replace pump / motor assembly circulation pump, bronze 1 HP	20	2 Plum	15.000	Ea.	57,074.10	65,532.30	2008 Qtr 2	2	1 \$	65,532.30
Repair boiler, gas, 250 MBH	7	1 Stpi	12.000	Ea.	20,053.32	23,529.96	2008 Qtr 2	5	5 \$	117,649.80
Replace boiler, gas, 250 MBH	30	Q7	12.000	Ea.	80,228.40	95,946.60	2008 Qtr 2	1	1 \$	95,946.60
Repair heat pump, 10 ton, air to air split	10	Q5	2.000	Ea.	6,481.56	7,639.62	2008 Qtr 2	4	3 \$	22,918.86
Replace heat pump, 10 ton, air to air split	20	Q6	2.000	Ea.	22,744.80	26,778.00	2008 Qtr 2	2	1 \$	26,778.00
Maintenance and repair standard suspended heater	2	1 Elec	18.000	Ea.	1,666.62	1,956.06	2008 Qtr 2	20	20 \$	39,121.20
Maintenance and inspection standard suspended heater	0.5	1 Elec	18.000	Ea.	1,124.28	1,405.44	2008 Qtr 2	80	80 \$	112,435.20
Replace heater standard suspended heater	15	1 Elec	18.000	Ea.	13,057.20	15,294.06	2008 Qtr 2	2	2 \$	30,588.12
Minor repairs to fire alarm control panel	5	1 Elec	1.000	Ea.	107.84	130.97	2008 Qtr 2	8	8 \$	1,047.76
Maintenance and inspection fire alarm control panel	0.5	1 Elec	1.000	Ea.	30.54	38.17	2008 Qtr 2	80	80 \$	3,053.60
Replace fire alarm control panel	15	1 Elec	1.000	Ea.	2,615.62	3,107.84	2008 Qtr 2	2	2 \$	6,215.68
Replace sprinkler head	20	1 Plum	826.000	Ea.	52,599.68	64,807.96	2008 Qtr 2	2	1 \$	64,807.96
Inspect sprinkler system	1	1 Plum	1.000	Ea.	26.55	32.89	2008 Qtr 2	40	40 \$	1,315.60
Rebuild double check 3" backflow preventer sprinkler system	1	1 Plum	1.000	Ea.	598.06	715.83	2008 Qtr 2	40	40 \$	28,633.20
Replace fire alarm bell, 6"	20	1 Elec	5.000	Ea.	711.40	857.55	2008 Qtr 2	2	1 \$	857.55
Maintenance and repair safety switch gen., 2 pole	8	1 Elec	11.000	Ea.	313.50	391.93	2008 Qtr 2	5	5 \$	1,959.65
Maintenance and inspection safety switch, 2 pole	1	1 Elec	11.000	Ea.	313.50	391.93	2008 Qtr 2	40	40 \$	15,677.20
Replace safety switch 240 V, 2 pole	25	2 Elec	11.000	Ea.	3,893.78	4,635.18	2008 Qtr 2	1	1 \$	4,635.18

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Repair switchgear 1200 A mainframe	5	1 Elec	1.000	Ea.	1,694.09	1,975.10	2008 Qtr 2	8	8	\$ 15,800.80
Maintenance and inspection switchgear, mainframe	1	1 Elec	1.000	Ea.	45.81	57.01	2008 Qtr 2	40	40	\$ 2,280.40
Replace switchgear 1200 A mainframe	20	3 Elec	1.000	Ea.	4,052.28	4,808.24	2008 Qtr 2	2	1	\$ 4,808.24
Maintenance and repair motor starter, up to 600 V	5	1 Elec	4.000	Ea.	683.00	830.00	2008 Qtr 2	8	8	\$ 6,640.00
Maintenance and inspection motor starter, up to 600 V	0.5	1 Elec	4.000	Ea.	152.68	191.40	2008 Qtr 2	80	80	\$ 15,312.00
Replace starter motor starter, up to 600 V	18	1 Elec	4.000	Ea.	2,112.72	2,521.64	2008 Qtr 2	2	2	\$ 5,043.28
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	167.000	Ea.	16,629.86	20,053.36	2008 Qtr 2	4	3	\$ 60,160.08
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	167.000	Ea.	4,248.48	5,207.06	2008 Qtr 2	4	3	\$ 15,621.18
Maintenance and repair incandescent lighting fixtures	10	1 Elec	44.000	Ea.	2,080.32	2,481.16	2008 Qtr 2	4	3	\$ 7,443.48
Replace lamp incandescent lighting fixtures	5	1 Elec	44.000	Ea.	307.12	374.88	2008 Qtr 2	8	8	\$ 2,999.04
Replace M.H. ballast mercury halide fixture, 175 W	10	1 Elec	91.000	Ea.	17,381.00	20,373.99	2008 Qtr 2	4	3	\$ 61,121.97
Replace lamp mercury halide fixture, 175 W	5	1 Elec	91.000	Ea.	6,733.09	7,959.77	2008 Qtr 2	8	8	\$ 63,678.16
Maintenance and repair receptacles and plugs	20	1 Elec	238.000	Ea.	7,399.42	9,217.74	2008 Qtr 2	2	1	\$ 9,217.74
Replace receptacle/plug receptacles and plugs	20	1 Elec	238.000	Ea.	12,556.88	15,331.96	2008 Qtr 2	2	1	\$ 15,331.96
Maintenance and repair wiring devices, switches	10	1 Elec	60.000	Ea.	1,865.40	2,323.80	2008 Qtr 2	4	3	\$ 6,971.40
Replace switch wiring devices, switches	15	1 Elec	60.000	Ea.	3,072.60	3,741.00	2008 Qtr 2	2	2	\$ 7,482.00
Minor repairs to annunciation panel	5	1 Elec	1.000	Ea.	107.84	130.97	2008 Qtr 2	8	8	\$ 1,047.76
Maintenance and inspection annunciation panel	0.5	1 Elec	1.000	Ea.	30.54	38.17	2008 Qtr 2	80	80	\$ 3,053.60
Replace annunciation panel	15	1 Elec	1.000	Ea.	844.71	1,008.28	2008 Qtr 2	2	2	\$ 2,016.56
Check and repair manual pull station	10	1 Elec	13.000	Ea.	899.73	1,103.31	2008 Qtr 2	4	3	\$ 3,309.93
Replace manual pull station	15	1 Elec	13.000	Ea.	1,634.62	1,974.57	2008 Qtr 2	2	2	\$ 3,949.14
Repair smoke detector	10	1 Elec	100.000	Ea.	3,819.00	4,700.00	2008 Qtr 2	4	3	\$ 14,100.00
Check operation smoke detector	1	1 Elec	100.000	Ea.	1,140.00	1,430.00	2008 Qtr 2	40	40	\$ 57,200.00
Replace smoke detector	15	1 Elec	100.000	Ea.	18,955.00	22,699.00	2008 Qtr 2	2	2	\$ 45,398.00
Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	167.000	Ea.	29,739.36	35,923.37	2008 Qtr 2	2	1	\$ 35,923.37
Replace lighting fixture incandescent	20	1 Elec	44.000	Ea.	5,254.48	6,285.40	2008 Qtr 2	2	1	\$ 6,285.40
Replace mercury halide fixture, 175 W	20	1 Elec	91.000	Ea.	55,315.26	64,771.07	2008 Qtr 2	2	1	\$ 64,771.07
Replace medium weight vinyl wall covering	15	1 Pord	7.150	C.S.F.	2,065.28	2,498.14	2008 Qtr 2	2	2	\$ 4,996.28
Repair med. wt. vinyl wall covering - (2% of walls)	1	1 Pord	0.143	C.S.F.	31.78	38.21	2008 Qtr 2	40	40	\$ 1,528.44
Refill expansion tank	5	1 Stpi	2.000	Ea.	22.84	28.60	2008 Qtr 2	8	8	\$ 228.80
Replace expansion tank, 60 gal capacity	50	Q5	2.000	Ea.	3,069.72	3,556.50	2008 Qtr 2	0	0	\$ -
					\$2,373,251.47	\$2,828,355.06				
									MR Subtotal	\$ 3,772,459.95
									MR Per Year	\$ 94,311.50

FAC 2115-Aircraft Maintenance Hangar, Depot
CostWorks 2008 Quarter 2

Design Life= 40
Average S.F= 71,067

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 occurrence 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
									PM Per Year	\$ 15,467.83
									Subtotal	\$ 109,779.33
									Total Per Unit	\$ 1.54

CostWorks 2009 Quarter 1 - FAC 2115-Aircraft Maintenance Hangar, Depot

Qty	Assembly Number	Description	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
15.000	C1025 110 1950	Fire doors, swinging, annualized	373.35	447.90	200	FMR	2008 Qtr 2
18.000	B2035 225 1950	Door, emergency egress, swinging, annualized	891.18	1,035.18	200	FMR	2008 Qtr 2
7.000	B2035 410 1950	Door, overhead, electric, roll up, to 24' high x 25' w	1,681.12	2,030.84	200	FMR	2008 Qtr 2
4.000	D2015 100 1950	Urinals, annualized	51.72	64.60	200	FMR	2008 Qtr 2
12.000	D2015 100 2950	Toilet (vacuum breaker type), annualized	155.16	193.80	200	FMR	2008 Qtr 2
21.000	D2015 100 4950	Lavatories, annualized	518.28	631.68	200	FMR	2008 Qtr 2
3.000	D2015 100 5950	Showers, annualized	59.55	71.40	200	FMR	2008 Qtr 2
4.000	D2015 800 1950	Drink fountain, annualized	198.00	237.44	200	FMR	2008 Qtr 2
1.000	D2025 260 1950	Water heater, gas, to 120 gal., annualized	156.50	189.02	200	FMR	2008 Qtr 2
4.000	D3025 140 3950	Boiler, steam, oil, gas, or comb. fired, 500 to 1000	5,497.44	6,868.20	200	FMR	2008 Qtr 2
1.000	D4015 100 1950	Backflow prevention device, up to 4", annualized	18.89	23.42	200	FMR	2008 Qtr 2
1.000	D4015 150 1950	Extinguishing system, wet pipe, annualized	806.79	983.35	200	FMR	2008 Qtr 2
1.000	D5035 710 1950	Fire alarm annunciator system, annualized	811.57	990.03	200	FMR	2008 Qtr 2
2.000	D3055 310 2950	Heat pump, air cooled, over 5 ton, annualized	550.10	669.92	200	FMR	2008 Qtr 2
1.000	D5015 280 1950	Motor control center, over 400 A, annualized	53.91	64.15	200	FMR	2008 Qtr 2
1.000	E1095 122 3950	Crane, electric bridge, over 15 tons, annualized	409.54	502.00	200	FMR	2008 Qtr 2
1.000	E1095 122 2950	Crane, electric bridge, 5 to 15 ton, annualized	377.06	464.90	200	FMR	2008 Qtr 2
			\$12,610.16	\$15,467.83			

FAC 2115 Sustainment by Year - Terminal Cutoff Applied

