

FAC 2116 Aircraft Maintenance Shop Depot

RUC: \$238.48 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09
CC 21120
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 \$2.26 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 2116-Aircraft Maintenance Shop, Depot
CostWorks 2008 Quarter 2

Design Life= 40
Average S.F= 14,140

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
Repair brick wall - 1st floor	25	1 Bric	3,492.000	S.F.	129,204.00	157,000.32	2008 Qtr 2	1	1	\$ 157,000.32
Replace aluminum siding - 1st floor	35	1 Carp	10.140	C.S.F.	4,605.28	5,527.92	2008 Qtr 2	1	1	\$ 5,527.92
Refinish aluminum siding - 1st floor	20	1 Pord	10.140	C.S.F.	1,532.36	1,889.49	2008 Qtr 2	2	1	\$ 1,889.49
Replace aluminum siding - 2nd floor	35	1 Carp	10.140	C.S.F.	5,718.45	6,889.93	2008 Qtr 2	1	1	\$ 6,889.93
Refinish aluminum siding - 2nd floor	20	1 Pord	10.140	C.S.F.	2,383.61	2,924.07	2008 Qtr 2	2	1	\$ 2,924.07
Replace aluminum siding - 3rd floor	35	1 Carp	10.140	C.S.F.	6,399.35	7,719.28	2008 Qtr 2	1	1	\$ 7,719.28
Refinish aluminum siding - 3rd floor	20	1 Pord	10.140	C.S.F.	3,064.51	3,753.52	2008 Qtr 2	2	1	\$ 3,753.52
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	80.000	Ea.	9,196.80	10,896.00	2008 Qtr 2	2	1	\$ 10,896.00
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	1 Carp	80.000	Ea.	35,088.00	41,039.20	2008 Qtr 2	0	0	\$ -
Replace glass - 1st floor (1% of glass)	1	1 Carp	4.800	S.F.	43.44	50.98	2008 Qtr 2	40	40	\$ 2,039.04
Repair 3'-9" x 5'-5" steel frame window - 1st flr.	20	1 Carp	20.000	Ea.	5,260.20	6,144.20	2008 Qtr 2	2	1	\$ 6,144.20
Refinish 3'-9" x 5'-5" st. frame window - 1st flr.	5	1 Pord	20.000	Ea.	1,346.00	1,661.40	2008 Qtr 2	8	8	\$ 13,291.20
Replace 3'-9" x 5'-5" st. frame window - 1st flr.	45	1 Carp	20.000	Ea.	31,052.20	35,727.60	2008 Qtr 2	0	0	\$ -
Finish new 3'-9" x 5'-5" st. fr. window - 1st flr.	45	1 Pord	20.000	Ea.	1,169.40	1,441.80	2008 Qtr 2	0	0	\$ -
Replace glass - 1st floor (1% of glass)	1	1 Carp	4.920	S.F.	44.53	52.25	2008 Qtr 2	40	40	\$ 2,090.02
Repair 3'-9" x 5'-5" steel frame window - 2nd flr.	20	1 Carp	45.000	Ea.	13,579.20	15,994.35	2008 Qtr 2	2	1	\$ 15,994.35
Refinish 3'-9" x 5'-5" steel frame window - 2nd flr.	5	1 Pord	45.000	Ea.	5,599.35	6,899.85	2008 Qtr 2	8	8	\$ 55,198.80
Replace 3'-9" x 5'-5" steel frame window - 2nd flr.	45	1 Carp	45.000	Ea.	71,359.20	82,246.95	2008 Qtr 2	0	0	\$ -
Finish new 3'-9" x 5'-5" st. fr. window - 2nd flr.	45	1 Pord	45.000	Ea.	5,202.00	6,405.75	2008 Qtr 2	0	0	\$ -
Replace glass - 2nd floor (1% of glass)	1	1 Carp	11.040	S.F.	554.10	676.09	2008 Qtr 2	40	40	\$ 27,043.58
Refinish 12' x 24' steel double roll-up door	5	1 Pord	2.000	Ea.	677.06	824.04	2008 Qtr 2	8	8	\$ 6,592.32
Replace 12' x 24' steel double roll-up door	35	2 Carp	2.000	Ea.	13,302.80	15,441.28	2008 Qtr 2	1	1	\$ 15,441.28
Repair 12' x 12' steel roll-up door	10	1 Carp	1.000	Ea.	832.61	964.54	2008 Qtr 2	4	3	\$ 2,893.62
Refinish 12' x 12' steel roll-up door	5	1 Pord	1.000	Ea.	168.83	205.54	2008 Qtr 2	8	8	\$ 1,644.32
Replace 12' x 12' steel roll-up door	35	2 Carp	1.000	Ea.	3,325.27	3,849.55	2008 Qtr 2	1	1	\$ 3,849.55
Repair steel, painted, door	14	1 Carp	3.000	Ea.	1,747.32	2,059.08	2008 Qtr 2	2	2	\$ 4,118.16
Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	3.000	Ea.	98.73	120.93	2008 Qtr 2	10	10	\$ 1,209.30
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	3.000	Ea.	1,596.24	1,860.12	2008 Qtr 2	0	0	\$ -
Replace tempered glass - (3% of glass)	1	1 Carp	1.890	S.F.	36.48	43.39	2008 Qtr 2	40	40	\$ 1,735.78
Debris removal and visual inspection built-up roofing	1	2 Rofc	7.070	M.S.F.	207.43	249.92	2008 Qtr 2	40	40	\$ 9,996.98
Non-destructive moisture inspection built-up roofing	5	2 Rofc	7.070	M.S.F.	641.81	776.29	2008 Qtr 2	8	8	\$ 6,210.29
Minor membrane repairs - (2% of roof area) built-up roofing	5	G5	1.400	Sq.	482.33	569.86	2008 Qtr 2	8	8	\$ 4,558.85
Flashing repairs - (2 S.F. per sq. repaired) built-up roofing	5	2 Rofc	2.800	S.F.	9.41	11.20	2008 Qtr 2	8	8	\$ 89.60
Minor membrane replacement - (25% of roof area) built-up roofing	15	G5	17.675	Sq.	10,506.55	12,532.99	2008 Qtr 2	2	2	\$ 25,065.98
Total roof replacement built-up roofing	28	G1	70.700	Sq.	40,354.15	47,789.67	2008 Qtr 2	1	1	\$ 47,789.67
Total metal panel replacement metal steep roofing	30	2 Rofc	72.720	Sq.	48,164.64	57,267.73	2008 Qtr 2	1	1	\$ 57,267.73

FAC 2116-Aircraft Maintenance Shop, Depot
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Description	Frequency	Crew	Qty	Unit	Total In-House	Total Incl. O&P	Release	Occurrences in Design Life	Adjusted Occurences	Terminal Cutoff
Debris removal by hand & visual inspection metal steep roofing	1	2 Rofc	7.272	M.S.F.	129.08	155.62	2008 Qtr 2	40	40	\$ 6,224.83
Minor finish repairs - (2% of roof area) metal steep roofing	5	2 Rofc	145.440	S.F.	394.14	468.32	2008 Qtr 2	8	8	\$ 3,746.53
Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing	5	2 Rofc	290.880	S.F.	4,200.31	5,040.95	2008 Qtr 2	8	8	\$ 40,327.60
Minor replacement - (2.5% of roof area) metal steep roofing	20	2 Rofc	181.800	S.F.	1,625.29	1,930.72	2008 Qtr 2	2	1	\$ 1,930.72
Repair steel painted interior door	14	1 Carp	7.000	Ea.	1,174.25	1,386.98	2008 Qtr 2	2	2	\$ 2,773.96
Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	7.000	Ea.	345.80	425.74	2008 Qtr 2	10	10	\$ 4,257.40
Replace 3'-0" x 7'-0" steel painted interior door	60	1 Carp	7.000	Ea.	6,562.78	7,629.72	2008 Qtr 2	0	0	\$ -
Safety glass repl., (3% of glass) steel painted interior door	1	1 Carp	4.410	S.F.	74.66	88.77	2008 Qtr 2	40	40	\$ 3,550.93
Repair solid core wood door interior	11	1 Carp	6.000	Ea.	1,006.50	1,188.84	2008 Qtr 2	3	3	\$ 3,566.52
Refinish 3'-0" x 7'-0" solid core wood door interior	4	1 Pord	6.000	Ea.	253.32	311.88	2008 Qtr 2	10	10	\$ 3,118.80
Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	6.000	Ea.	2,200.20	2,550.72	2008 Qtr 2	1	0	\$ -
Repair 5/8" drywall - (2% of walls)	20	1 Carp	2,497.000	S.F.	3,970.23	4,769.27	2008 Qtr 2	2	1	\$ 4,769.27
Refinish drywall	8	1 Pord	2,497.000	S.F.	1,498.20	1,847.78	2008 Qtr 2	5	5	\$ 9,238.90
Replace 5/8" drywall	75	2 Carp	2,497.000	S.F.	5,568.31	6,716.93	2008 Qtr 2	0	0	\$ -
Replace stainless steel wall interior finish	75	2 Sswk	26.190	C.S.F.	35,071.55	41,530.27	2008 Qtr 2	0	0	\$ -
Replace medium weight vinyl wall covering	15	1 Pord	1.600	C.S.F.	462.16	559.02	2008 Qtr 2	2	2	\$ 1,118.05
Repair med. wt. vinyl wall covering - (2% of walls)	1	1 Pord	0.030	C.S.F.	6.67	8.02	2008 Qtr 2	40	40	\$ 320.65
Replace carpet	12	2 Tilf	132.670	S.Y.	5,987.40	6,917.41	2008 Qtr 2	3	3	\$ 20,752.24
Refinish concrete floor finished	25	2 Cefi	123.880	C.S.F.	43,288.63	52,115.08	2008 Qtr 2	1	1	\$ 52,115.08
Replace vinyl sheet flooring	18	1 Tilf	32.110	S.Y.	2,686.32	3,195.59	2008 Qtr 2	2	2	\$ 6,391.17
Replace vinyl floor	18	1 Tilf	30.550	S.Y.	1,458.76	1,781.07	2008 Qtr 2	2	2	\$ 3,562.13
Replace acoustic tile ceiling, fire-rated	20	1 Carp	9.030	C.S.F.	3,640.44	4,325.37	2008 Qtr 2	2	1	\$ 4,325.37
Refinish sheetrock ceiling	20	1 Pord	15.320	C.S.F.	1,925.26	2,379.04	2008 Qtr 2	2	1	\$ 2,379.04
Replace sheetrock ceiling	40	2 Carp	15.320	C.S.F.	5,489.62	6,702.65	2008 Qtr 2	1	0	\$ -
Repair sheetrock ceiling - (2% of ceilings)	20	1 Carp	0.306	C.S.F.	106.87	130.44	2008 Qtr 2	2	1	\$ 130.44
Check / minor repairs drinking fountain	1	1 Plum	3.000	Ea.	112.74	142.02	2008 Qtr 2	40	40	\$ 5,680.80
Repair internal leaks drinking fountain	4	1 Plum	3.000	Ea.	105.42	130.29	2008 Qtr 2	10	10	\$ 1,302.90
Correct water pressure drinking fountain	2	1 Plum	3.000	Ea.	96.63	121.50	2008 Qtr 2	20	20	\$ 2,430.00
Replace refrigerant drinking fountain	2	1 Plum	3.000	Ea.	47.52	56.58	2008 Qtr 2	20	20	\$ 1,131.60
Repair drain leak drinking fountain	4	1 Plum	3.000	Ea.	67.89	81.09	2008 Qtr 2	10	10	\$ 810.90
Replace fountain drinking fountain	10	2 Plum	3.000	Ea.	3,017.52	3,580.71	2008 Qtr 2	4	3	\$ 10,742.13
Inspect and clean spray heads, emergency eye wash	3	1 Plum	1.000	Ea.	37.80	47.44	2008 Qtr 2	13	13	\$ 616.72
Replace eye wash station, emergency eye wash	25	2 Plum	1.000	Ea.	573.92	695.88	2008 Qtr 2	1	1	\$ 695.88
Replace washer in spud connection lavatory, vitreous china	7	1 Plum	10.000	Ea.	240.10	283.30	2008 Qtr 2	5	5	\$ 1,416.50
Replace washer in faucet lavatory, vitreous china	2	1 Plum	10.000	Ea.	98.50	122.90	2008 Qtr 2	20	20	\$ 2,458.00
Replace faucets lavatory, vitreous china	10	1 Plum	10.000	Ea.	1,234.90	1,490.60	2008 Qtr 2	4	3	\$ 4,471.80

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Description	Frequency	Crew	Qty	Unit	Total In-House	Total Incl. O&P	Release	Occurrences in Design Life	Adjusted Occurences	Terminal Cutoff
Clean out strainer and P trap lavatory, vitreous china	2	1 Plum	10.000	Ea.	270.40	335.70	2008 Qtr 2	20	20 \$	6,714.00
Replace lavatory, vitreous china	35	2 Plum	10.000	Ea.	5,301.90	6,357.00	2008 Qtr 2	1	1 \$	6,357.00
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	1.000	Ea.	37.80	47.44	2008 Qtr 2	13	13 \$	616.72
Replace mixing valve barrel shower, fiberglass	2	1 Plum	1.000	Ea.	148.15	176.32	2008 Qtr 2	20	20 \$	3,526.40
Replace mixing valve shower, fiberglass	10	1 Plum	1.000	Ea.	274.68	329.00	2008 Qtr 2	4	3 \$	987.00
Replace shower and fittings, fiberglass	20	2 Plum	1.000	Ea.	976.65	1,151.58	2008 Qtr 2	2	1 \$	1,151.58
Replace flush valve diaphragm tankless water closet	10	1 Plum	7.000	Ea.	495.18	581.42	2008 Qtr 2	4	3 \$	1,744.26
Rebuild flush valve tankless water closet	20	1 Plum	7.000	Ea.	923.86	1,120.07	2008 Qtr 2	2	1 \$	1,120.07
Unplug clogged line tankless water closet	5	1 Plum	7.000	Ea.	1,177.82	1,471.26	2008 Qtr 2	8	8 \$	11,770.08
Replace tankless water closet	35	2 Plum	7.000	Ea.	3,836.00	4,538.52	2008 Qtr 2	1	1 \$	4,538.52
Replace tankless flush valve	25	1 Plum	7.000	Ea.	1,466.50	1,717.59	2008 Qtr 2	1	1 \$	1,717.59
Replace wax ring gasket tankless water closet	5	1 Plum	7.000	Ea.	766.99	960.40	2008 Qtr 2	8	8 \$	7,683.20
Replace flush valve diaphragm urinal	7	1 Plum	3.000	Ea.	212.22	249.18	2008 Qtr 2	5	5 \$	1,245.90
Rebuild flush valve urinal	20	1 Plum	3.000	Ea.	395.94	480.03	2008 Qtr 2	2	1 \$	480.03
Unplug line urinal	5	1 Plum	3.000	Ea.	336.42	419.73	2008 Qtr 2	8	8 \$	3,357.84
Replace wall-hung urinal	35	2 Plum	3.000	Ea.	2,524.89	3,019.71	2008 Qtr 2	1	1 \$	3,019.71
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	16.000	L.F.	283.52	343.68	2008 Qtr 2	2	1 \$	343.68
Replace pipe and fittings, copper 2"	25	2 Plum	16.000	L.F.	652.96	785.76	2008 Qtr 2	1	1 \$	785.76
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	1 Plum	16.000	L.F.	112.16	136.64	2008 Qtr 2	2	2 \$	273.28
Remove old insulation & replace with new, pipe 1-1/2", wall 1"	15	1 Plum	16.000	L.F.	123.36	150.08	2008 Qtr 2	2	2 \$	300.16
Drain and flush water heater, electric, 120 gallon	7	1 Plum	1.000	Ea.	226.43	283.04	2008 Qtr 2	5	5 \$	1,415.20
Check operation water heater, electric, 120 gallon	3	1 Plum	1.000	Ea.	1.98	2.48	2008 Qtr 2	13	13 \$	32.24
Replace water heater, electric, 120 gallon	15	2 Plum	1.000	Ea.	9,192.45	10,543.79	2008 Qtr 2	2	2 \$	21,087.58
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	16.000	L.F.	670.40	811.20	2008 Qtr 2	1	0 \$	-
Unclog floor drain, PVC	20	1 Plum	1.000	Ea.	37.09	45.87	2008 Qtr 2	2	1 \$	45.87
Repair joint pipe and fittings, PVC	10	1 Plum	1.000	Ea.	115.94	144.14	2008 Qtr 2	4	3 \$	432.42
Replace pipe, 4" pipe and fittings, PVC	30	2 Plum	16.000	L.F.	947.20	1,171.04	2008 Qtr 2	1	1 \$	1,171.04

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General maintenance & repair drain: roof, scupper, area	1	1 Plum	4.000	Ea.	113.40	142.68	2008 Qtr 2	40	40	\$ 5,707.20
Replace drain: roof, scupper, area	40	1 Plum	4.000	Ea.	1,593.36	1,872.56	2008 Qtr 2	1	0	\$ -
Repair circulator pump, 1 H.P.	5	1 Stpi	1.000	Ea.	71.15	84.47	2008 Qtr 2	8	8	\$ 675.76
Replace circulator. pump, 1 H.P.	15	Q1	1.000	Ea.	3,804.94	4,368.82	2008 Qtr 2	2	2	\$ 8,737.64
Repair single zone rooftop unit, 25 ton	10	Q6	0.500	Ea.	12,910.55	14,961.45	2008 Qtr 2	4	3	\$ 44,884.34
Replace single zone rooftop unit, 25 ton	15	Q7	1.000	Ea.	34,098.40	39,677.60	2008 Qtr 2	2	2	\$ 79,355.20
Maintenance and repair standard suspended heater	2	1 Elec	2.000	Ea.	185.18	217.34	2008 Qtr 2	20	20	\$ 4,346.80
Maintenance and inspection standard suspended heater	0.5	1 Elec	2.000	Ea.	124.92	156.16	2008 Qtr 2	80	80	\$ 12,492.80
Replace heater standard suspended heater	15	1 Elec	2.000	Ea.	1,450.80	1,699.34	2008 Qtr 2	2	2	\$ 3,398.68
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	124.000	Ea.	7,896.32	9,729.04	2008 Qtr 2	2	1	\$ 9,729.04
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	5	1 Plum	1.000	Ea.	598.06	715.83	2008 Qtr 2	8	8	\$ 5,726.64
Replace fire alarm bell, 6"	20	1 Elec	4.000	Ea.	569.12	686.04	2008 Qtr 2	2	1	\$ 686.04
Maintenance and repair safety switch gen., 2 pole	8	1 Elec	2.000	Ea.	57.00	71.26	2008 Qtr 2	5	5	\$ 356.30
Maintenance and inspection safety switch, 2 pole	1	1 Elec	2.000	Ea.	57.00	71.26	2008 Qtr 2	40	40	\$ 2,850.40
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
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	111.000	Ea.	11,053.38	13,328.88	2008 Qtr 2	4	3	\$ 39,986.64
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	111.000	Ea.	2,823.84	3,460.98	2008 Qtr 2	4	3	\$ 10,382.94
Maintenance and repair incandescent lighting fixtures	10	1 Elec	4.000	Ea.	189.12	225.56	2008 Qtr 2	4	3	\$ 676.68
Replace lamp incandescent lighting fixtures	5	1 Elec	4.000	Ea.	27.92	34.08	2008 Qtr 2	8	8	\$ 272.64
Replace M.H. ballast mercury halide fixture, 175 W	10	1 Elec	9.000	Ea.	1,719.00	2,015.01	2008 Qtr 2	4	3	\$ 6,045.03
Replace lamp mercury halide fixture, 175 W	5	1 Elec	9.000	Ea.	665.91	787.23	2008 Qtr 2	8	8	\$ 6,297.84
Maintenance and repair receptacles and plugs	20	1 Elec	120.000	Ea.	3,730.80	4,647.60	2008 Qtr 2	2	1	\$ 4,647.60
Replace receptacle/plug receptacles and plugs	20	1 Elec	120.000	Ea.	6,331.20	7,730.40	2008 Qtr 2	2	1	\$ 7,730.40
Maintenance and repair wiring devices, switches	10	1 Elec	30.000	Ea.	932.70	1,161.90	2008 Qtr 2	4	3	\$ 3,485.70
Replace switch wiring devices, switches	15	1 Elec	30.000	Ea.	1,536.30	1,870.50	2008 Qtr 2	2	2	\$ 3,741.00
Check and repair manual pull station	10	1 Elec	1.000	Ea.	69.21	84.87	2008 Qtr 2	4	3	\$ 254.61
Replace manual pull station	15	1 Elec	1.000	Ea.	125.74	151.89	2008 Qtr 2	2	2	\$ 303.78
Repair smoke detector	10	1 Elec	39.000	Ea.	1,489.41	1,833.00	2008 Qtr 2	4	3	\$ 5,499.00
Check operation smoke detector	1	1 Elec	39.000	Ea.	444.60	557.70	2008 Qtr 2	40	40	\$ 22,308.00
Replace smoke detector	15	1 Elec	39.000	Ea.	7,392.45	8,852.61	2008 Qtr 2	2	2	\$ 17,705.22

FAC 2116-Aircraft Maintenance Shop, Depot
CostWorks 2008 Quarter 2

Design Life= 40
Average S.F= 14,140

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
					\$732,992.53	\$870,958.08				
									MR Subtotal	\$ 1,143,673.10
									MR Per Year	\$ 28,591.83
									PM Per Year	\$ 4,474.66
									Subtotal	\$ 33,066.49
									Total Per Unit	\$ 2.34

CostWorks 2009 Quarter 1 - FAC 2116-Aircraft Maintenance Shop, Depot

Qty	Assembly Number	Description	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
3.000	B2035 410 1950	Door, overhead, electric, roll up, to 24' high x 25' w	720.48	870.36	200	FMR	2008 Qtr 2
9.000	B2035 225 1950	Door, emergency egress, swinging, annualized	445.59	517.59	200	FMR	2008 Qtr 2
7.000	C1025 110 1950	Fire doors, swinging, annualized	174.23	209.02	200	FMR	2008 Qtr 2
3.000	D2015 100 1950	Urinals, annualized	38.79	48.45	200	FMR	2008 Qtr 2
7.000	D2015 100 2950	Toilet (vacuum breaker type), annualized	90.51	113.05	200	FMR	2008 Qtr 2
10.000	D2015 100 4950	Lavatories, annualized	246.80	300.80	200	FMR	2008 Qtr 2
1.000	D2015 100 5950	Showers, annualized	19.85	23.80	200	FMR	2008 Qtr 2
3.000	D2015 800 1950	Drink fountain, annualized	148.50	178.08	200	FMR	2008 Qtr 2
4.000	D3045 160 1950	VAV Boxes, annualized	245.24	304.00	200	FMR	2008 Qtr 2
1.000	D3055 210 1950	Package unit, air cooled, 3 thru 24 ton, annualized	207.71	251.03	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	E1095 122 1950	Crane, electric bridge, up to 5 ton, annualized	152.92	186.81	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
			\$3,693.36	\$4,474.66			

FAC 2116 Sustainment by Year - Terminal Cutoff Applied

