

FAC 2162 Ammunition Maintenance Shop, Depot

RUC: \$165.48 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09
CC 21610
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: \$3.07 SF

Source: Cost Works model, 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 2162-Ammunition Maintenance Shop, Depot
CostWorks 2008 Quarter 2

Design Life= 50
Average S.F.= 5,212

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 Cost |
|--|-----------|--------|---------|--------|----------------|-----------------|------------|-------------------------------|-------------------------|------------------|
| Repair brick wall - 1st floor | 25 | 1 Bric | 127.200 | S.F. | 4,706.40 | 5,718.91 | 2008 Qtr 2 | 2 | 1 | \$ 5,718.91 |
| Replace 8" concrete block wall - 2nd floor | 60 | 2 Bric | 3.210 | C.S.F. | 3,406.36 | 4,103.99 | 2008 Qtr 2 | 0 | 0 | \$ - |
| Point & refinish block wall - 1st floor | 25 | 1 Bric | 21.620 | C.S.F. | 8,031.61 | 9,860.88 | 2008 Qtr 2 | 2 | 1 | \$ 9,860.88 |
| Replace aluminum siding - 2nd floor | 35 | 1 Carp | 14.460 | C.S.F. | 8,154.72 | 9,825.28 | 2008 Qtr 2 | 1 | 1 | \$ 9,825.28 |
| Refinish aluminum siding - 2nd floor | 20 | 1 Pord | 14.460 | C.S.F. | 3,399.11 | 4,169.83 | 2008 Qtr 2 | 2 | 2 | \$ 8,339.66 |
| Repair 2'-0" x 3'-0" aluminum window - 1st floor | 20 | 1 Carp | 1.600 | Ea. | 183.94 | 217.92 | 2008 Qtr 2 | 2 | 2 | \$ 435.84 |
| Replace 2'-0" x 3'-0" aluminum window - 1st floor | 50 | 1 Carp | 16.000 | Ea. | 7,017.60 | 8,207.84 | 2008 Qtr 2 | 1 | 0 | \$ - |
| Replace glass - 1st floor (1% of glass) | 1 | 1 Carp | 0.960 | S.F. | 8.69 | 10.20 | 2008 Qtr 2 | 50 | 50 | \$ 509.76 |
| Repair 3'-9" x 5'-5" steel frame window - 2nd flr. | 20 | 1 Carp | 2.100 | Ea. | 633.70 | 746.40 | 2008 Qtr 2 | 2 | 2 | \$ 1,492.81 |
| Refinish 3'-9" x 5'-5" steel frame window - 2nd flr. | 5 | 1 Pord | 21.000 | Ea. | 2,613.03 | 3,219.93 | 2008 Qtr 2 | 10 | 10 | \$ 32,199.30 |
| Replace 3'-9" x 5'-5" steel frame window - 2nd flr. | 45 | 1 Carp | 21.000 | Ea. | 33,300.96 | 38,381.91 | 2008 Qtr 2 | 1 | 1 | \$ 38,381.91 |
| Finish new 3'-9" x 5'-5" st. fr. window - 2nd flr. | 45 | 1 Pord | 21.000 | Ea. | 2,427.60 | 2,989.35 | 2008 Qtr 2 | 1 | 1 | \$ 2,989.35 |
| Replace glass - 2nd floor (1% of glass) | 1 | 1 Carp | 4.840 | S.F. | 242.92 | 296.40 | 2008 Qtr 2 | 50 | 50 | \$ 14,820.08 |
| Refinish 12' x 24' steel double roll-up door | 5 | 1 Pord | 2.000 | Ea. | 677.06 | 824.04 | 2008 Qtr 2 | 10 | 10 | \$ 8,240.40 |
| 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 | 0.100 | Ea. | 83.26 | 96.45 | 2008 Qtr 2 | 5 | 5 | \$ 482.27 |
| Refinish 12' x 12' steel roll-up door | 5 | 1 Pord | 1.000 | Ea. | 168.83 | 205.54 | 2008 Qtr 2 | 10 | 10 | \$ 2,055.40 |
| 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 | 0.200 | Ea. | 116.49 | 137.27 | 2008 Qtr 2 | 3 | 3 | \$ 411.82 |
| Refinish 3'-0" x 7'-0" steel, painted, door | 4 | 1 Pord | 2.000 | Ea. | 65.82 | 80.62 | 2008 Qtr 2 | 12 | 12 | \$ 967.44 |
| Replace 3'-0" x 7'-0" steel, painted, door | 45 | 1 Carp | 2.000 | Ea. | 1,064.16 | 1,240.08 | 2008 Qtr 2 | 1 | 1 | \$ 1,240.08 |
| Replace tempered glass - (3% of glass) | 1 | 1 Carp | 1.260 | S.F. | 24.32 | 28.93 | 2008 Qtr 2 | 50 | 50 | \$ 1,446.48 |
| Debris removal and visual inspection built-up roofing | 0.5 | 2 Rofc | 2.085 | M.S.F. | 61.17 | 73.70 | 2008 Qtr 2 | 100 | 100 | \$ 7,370.48 |
| Non-destructive moisture inspection built-up roofing | 5 | 2 Rofc | 2.085 | M.S.F. | 189.28 | 228.93 | 2008 Qtr 2 | 10 | 10 | \$ 2,289.33 |
| Total roof replacement built-up roofing | 28 | G1 | 20.850 | Sq. | 11,900.76 | 14,093.56 | 2008 Qtr 2 | 1 | 1 | \$ 14,093.56 |
| Minor membrane repairs - (2% of roof area) built-up roofing | 1 | G5 | 0.410 | Sq. | 141.25 | 166.89 | 2008 Qtr 2 | 50 | 50 | \$ 8,344.32 |
| Flashing repairs - (2 S.F. per sq. repaired) built-up roofing | 1 | 2 Rofc | 0.820 | S.F. | 2.76 | 3.28 | 2008 Qtr 2 | 50 | 50 | \$ 164.00 |
| Minor membrane replacement - (25% of roof area) built-up roofing | 15 | G5 | 5.210 | Sq. | 3,096.98 | 3,694.31 | 2008 Qtr 2 | 3 | 3 | \$ 11,082.92 |
| Debris removal by hand & visual inspection metal steep roofing | 1 | 2 Rofc | 2.362 | M.S.F. | 41.93 | 50.55 | 2008 Qtr 2 | 50 | 50 | \$ 2,527.34 |
| Total metal panel replacement metal steep roofing | 30 | 2 Rofc | 23.620 | Sq. | 15,644.23 | 18,600.99 | 2008 Qtr 2 | 1 | 1 | \$ 18,600.99 |
| Minor finish repairs - (2% of roof area) metal steep roofing | 5 | 2 Rofc | 47.240 | S.F. | 128.02 | 152.11 | 2008 Qtr 2 | 10 | 10 | \$ 1,521.13 |
| Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing | 1 | 2 Rofc | 0.940 | S.F. | 13.57 | 16.29 | 2008 Qtr 2 | 50 | 50 | \$ 814.51 |
| Minor replacement - (2.5% of roof area) metal steep roofing | 20 | 2 Rofc | 59.050 | S.F. | 527.91 | 627.11 | 2008 Qtr 2 | 2 | 2 | \$ 1,254.22 |
| Repair steel painted interior door | 14 | 1 Carp | 0.600 | Ea. | 100.65 | 118.88 | 2008 Qtr 2 | 3 | 3 | \$ 356.65 |
| Refinish 3'-0" x 7'-0" steel painted interior door | 4 | 1 Pord | 6.000 | Ea. | 296.40 | 364.92 | 2008 Qtr 2 | 12 | 12 | \$ 4,379.04 |
| Replace 3'-0" x 7'-0" steel painted interior door | 60 | 1 Carp | 6.000 | Ea. | 5,625.24 | 6,539.76 | 2008 Qtr 2 | 0 | 0 | \$ - |
| Safety glass repl., (3% of glass) steel painted interior door | 1 | 1 Carp | 3.780 | S.F. | 64.00 | 76.09 | 2008 Qtr 2 | 50 | 50 | \$ 3,804.57 |
| Repair fully glazed wood door | 10 | 1 Carp | 0.100 | Ea. | 16.78 | 19.81 | 2008 Qtr 2 | 5 | 5 | \$ 99.07 |

FAC 2162-Ammunition Maintenance Shop, Depot
CostWorks 2008 Quarter 2

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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
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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 Cost |
|--|-----------|--------|---------|--------|----------------|-----------------|------------|-------------------------------|-------------------------|------------------|
| Refinish 3'-0" x 7'-0" fully glazed wood door | 4 | 1 Pord | 1.000 | Ea. | 69.22 | 85.39 | 2008 Qtr 2 | 12 | 12 | \$ 1,024.68 |
| Replace 3'-0" x 7'-0" fully glazed wood door | 40 | 1 Carp | 1.000 | Ea. | 981.02 | 1,147.26 | 2008 Qtr 2 | 1 | 1 | \$ 1,147.26 |
| Replace insulating glass (3% of glass) fully glazed wooden doors | 1 | 1 Carp | 2.380 | S.F. | 108.00 | 126.66 | 2008 Qtr 2 | 50 | 50 | \$ 6,333.18 |
| Repair solid core wood door interior | 11 | 1 Carp | 0.200 | Ea. | 33.55 | 39.63 | 2008 Qtr 2 | 4 | 4 | \$ 158.51 |
| Refinish 3'-0" x 7'-0" solid core wood door interior | 4 | 1 Pord | 2.000 | Ea. | 84.44 | 103.96 | 2008 Qtr 2 | 12 | 12 | \$ 1,247.52 |
| Replace 3'-0" x 7'-0" solid core wood door interior | 40 | 1 Carp | 2.000 | Ea. | 733.40 | 850.24 | 2008 Qtr 2 | 1 | 1 | \$ 850.24 |
| Repair concrete steps | 15 | 1 Cefi | 1.700 | S.F. | 28.88 | 33.63 | 2008 Qtr 2 | 3 | 3 | \$ 100.88 |
| Replace concrete steps | 100 | 2 Cefi | 17.000 | S.F. | 841.67 | 1,021.53 | 2008 Qtr 2 | 0 | 0 | \$ - |
| Replace metal stair railing interior | 45 | 2 Sswk | 12.000 | L.F. | 430.44 | 497.28 | 2008 Qtr 2 | 1 | 1 | \$ 497.28 |
| Refinish drywall | 4 | 1 Pord | 497.000 | S.F. | 298.20 | 367.78 | 2008 Qtr 2 | 12 | 12 | \$ 4,413.36 |
| Replace 5/8" drywall | 75 | 2 Carp | 497.000 | S.F. | 1,108.31 | 1,336.93 | 2008 Qtr 2 | 0 | 0 | \$ - |
| Repair 5/8" drywall - (2% of walls) | 20 | 1 Carp | 9.940 | S.F. | 15.80 | 18.99 | 2008 Qtr 2 | 2 | 2 | \$ 37.97 |
| Refinish concrete floor finished | 25 | 2 Cefi | 51.290 | C.S.F. | 17,922.78 | 21,577.19 | 2008 Qtr 2 | 2 | 1 | \$ 21,577.19 |
| Replace acoustic tile ceiling, fire-rated | 20 | 1 Carp | 9.500 | C.S.F. | 3,829.93 | 4,550.50 | 2008 Qtr 2 | 2 | 2 | \$ 9,101.00 |
| Refinish sheetrock ceiling | 20 | 1 Pord | 0.200 | C.S.F. | 25.13 | 31.06 | 2008 Qtr 2 | 2 | 2 | \$ 62.12 |
| Replace sheetrock ceiling | 40 | 2 Carp | 0.200 | C.S.F. | 71.67 | 87.50 | 2008 Qtr 2 | 1 | 1 | \$ 87.50 |
| Check / minor repairs drinking fountain | 1 | 1 Plum | 1.000 | Ea. | 37.58 | 47.34 | 2008 Qtr 2 | 50 | 50 | \$ 2,367.00 |
| Repair internal leaks drinking fountain | 4 | 1 Plum | 1.000 | Ea. | 35.14 | 43.43 | 2008 Qtr 2 | 12 | 12 | \$ 521.16 |
| Correct water pressure drinking fountain | 2 | 1 Plum | 1.000 | Ea. | 32.21 | 40.50 | 2008 Qtr 2 | 25 | 25 | \$ 1,012.50 |
| Replace refrigerant drinking fountain | 2 | 1 Plum | 1.000 | Ea. | 15.84 | 18.86 | 2008 Qtr 2 | 25 | 25 | \$ 471.50 |
| Repair drain leak drinking fountain | 4 | 1 Plum | 1.000 | Ea. | 22.63 | 27.03 | 2008 Qtr 2 | 12 | 12 | \$ 324.36 |
| Replace fountain drinking fountain | 10 | 2 Plum | 1.000 | Ea. | 1,005.84 | 1,193.57 | 2008 Qtr 2 | 5 | 5 | \$ 5,967.85 |
| Inspect and clean spray heads, emergency eye wash | 3 | 1 Plum | 1.000 | Ea. | 37.80 | 47.44 | 2008 Qtr 2 | 16 | 16 | \$ 759.04 |
| Replace eye wash station, emergency eye wash | 25 | 2 Plum | 1.000 | Ea. | 573.92 | 695.88 | 2008 Qtr 2 | 2 | 1 | \$ 695.88 |
| Replace washer in spud connection lavatory, vitreous china | 7 | 1 Plum | 4.000 | Ea. | 96.04 | 113.32 | 2008 Qtr 2 | 7 | 7 | \$ 793.24 |
| Replace washer in faucet lavatory, vitreous china | 2 | 1 Plum | 4.000 | Ea. | 39.40 | 49.16 | 2008 Qtr 2 | 25 | 25 | \$ 1,229.00 |
| Replace faucets lavatory, vitreous china | 10 | 1 Plum | 4.000 | Ea. | 493.96 | 596.24 | 2008 Qtr 2 | 5 | 5 | \$ 2,981.20 |
| Clean out strainer and P trap lavatory, vitreous china | 2 | 1 Plum | 4.000 | Ea. | 108.16 | 134.28 | 2008 Qtr 2 | 25 | 25 | \$ 3,357.00 |
| Replace lavatory, vitreous china | 35 | 2 Plum | 4.000 | Ea. | 2,120.76 | 2,542.80 | 2008 Qtr 2 | 1 | 1 | \$ 2,542.80 |
| Replace washer in spud connection lavatory, iron, enamel | 7 | 1 Plum | 1.000 | Ea. | 20.44 | 23.86 | 2008 Qtr 2 | 7 | 7 | \$ 167.02 |
| Replace washer in faucet lavatory, iron, enamel | 2 | 1 Plum | 1.000 | Ea. | 9.79 | 12.19 | 2008 Qtr 2 | 25 | 25 | \$ 304.75 |
| Replace faucets lavatory, iron, enamel | 10 | 1 Plum | 1.000 | Ea. | 109.34 | 132.46 | 2008 Qtr 2 | 5 | 5 | \$ 662.30 |
| Clean out strainer and P trap lavatory, iron, enamel | 2 | 1 Plum | 1.000 | Ea. | 27.04 | 33.57 | 2008 Qtr 2 | 25 | 25 | \$ 839.25 |
| Replace lavatory, iron, enamel | 40 | 2 Plum | 1.000 | Ea. | 548.05 | 644.38 | 2008 Qtr 2 | 1 | 1 | \$ 644.38 |
| Inspect / clean shower head fiberglass | 3 | 1 Plum | 1.000 | Ea. | 37.80 | 47.44 | 2008 Qtr 2 | 16 | 16 | \$ 759.04 |
| Replace mixing valve barrel shower, fiberglass | 2 | 1 Plum | 1.000 | Ea. | 148.15 | 176.32 | 2008 Qtr 2 | 25 | 25 | \$ 4,408.00 |
| Replace mixing valve shower, fiberglass | 10 | 1 Plum | 1.000 | Ea. | 274.68 | 329.00 | 2008 Qtr 2 | 5 | 5 | \$ 1,645.00 |
| Replace shower and fittings, fiberglass | 20 | 2 Plum | 1.000 | Ea. | 976.65 | 1,151.58 | 2008 Qtr 2 | 2 | 2 | \$ 2,303.16 |

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| Replace flush valve diaphragm urinal | 7 | 1 Plum | 1.000 | Ea. | 70.74 | 83.06 | 2008 Qtr 2 | 7 | 7 | \$ 581.42 |
| Rebuild flush valve urinal | 20 | 1 Plum | 1.000 | Ea. | 131.98 | 160.01 | 2008 Qtr 2 | 2 | 2 | \$ 320.02 |
| Unplug line urinal | 5 | 1 Plum | 1.000 | Ea. | 112.14 | 139.91 | 2008 Qtr 2 | 10 | 10 | \$ 1,399.10 |
| Replace wall-hung urinal | 35 | 2 Plum | 1.000 | Ea. | 841.63 | 1,006.57 | 2008 Qtr 2 | 1 | 1 | \$ 1,006.57 |
| Replace flush valve diaphragm tankless water closet | 10 | 1 Plum | 4.000 | Ea. | 282.96 | 332.24 | 2008 Qtr 2 | 5 | 5 | \$ 1,661.20 |
| Rebuild flush valve tankless water closet | 20 | 1 Plum | 4.000 | Ea. | 527.92 | 640.04 | 2008 Qtr 2 | 2 | 2 | \$ 1,280.08 |
| Unplug clogged line tankless water closet | 5 | 1 Plum | 4.000 | Ea. | 673.04 | 840.72 | 2008 Qtr 2 | 10 | 10 | \$ 8,407.20 |
| Replace tankless water closet | 35 | 2 Plum | 4.000 | Ea. | 2,192.00 | 2,593.44 | 2008 Qtr 2 | 1 | 1 | \$ 2,593.44 |
| Replace tankless flush valve | 25 | 1 Plum | 4.000 | Ea. | 838.00 | 981.48 | 2008 Qtr 2 | 2 | 1 | \$ 981.48 |
| Replace wax ring gasket tankless water closet | 5 | 1 Plum | 4.000 | Ea. | 438.28 | 548.80 | 2008 Qtr 2 | 10 | 10 | \$ 5,488.00 |
| Resolder joint pipe & fittings, copper | 10 | 1 Plum | 2.000 | Ea. | 65.70 | 80.90 | 2008 Qtr 2 | 5 | 5 | \$ 404.50 |
| Replace pipe and fittings, copper 3/4" | 20 | 2 Plum | 16.000 | L.F. | 283.52 | 343.68 | 2008 Qtr 2 | 2 | 2 | \$ 687.36 |
| Replace pipe and fittings, copper 2" | 25 | 2 Plum | 8.000 | L.F. | 326.48 | 392.88 | 2008 Qtr 2 | 2 | 1 | \$ 392.88 |
| 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 | 3 | 3 | \$ 409.92 |
| Drain and flush water heater, electric, 120 gallon | 7 | 1 Plum | 0.500 | Ea. | 113.22 | 141.52 | 2008 Qtr 2 | 7 | 7 | \$ 990.64 |
| Check operation water heater, electric, 120 gallon | 3 | 1 Plum | 0.500 | Ea. | 0.99 | 1.24 | 2008 Qtr 2 | 16 | 16 | \$ 19.84 |
| Replace water heater, electric, 120 gallon | 15 | 2 Plum | 0.500 | Ea. | 4,596.23 | 5,271.90 | 2008 Qtr 2 | 3 | 3 | \$ 15,815.69 |
| Unclog main drain pipe & fittings, cast iron | 10 | 1 Plum | 1.000 | Ea. | 35.62 | 44.41 | 2008 Qtr 2 | 5 | 5 | \$ 222.05 |
| Replace pipe & fittings, cast iron | 40 | 2 Plum | 8.000 | L.F. | 335.20 | 405.60 | 2008 Qtr 2 | 1 | 1 | \$ 405.60 |
| Unclog floor drain, PVC | 20 | 1 Plum | 1.000 | Ea. | 37.09 | 45.87 | 2008 Qtr 2 | 2 | 2 | \$ 91.74 |
| Repair joint pipe and fittings, PVC | 10 | 1 Plum | 1.000 | Ea. | 115.94 | 144.14 | 2008 Qtr 2 | 5 | 5 | \$ 720.70 |
| Replace pipe, 4" pipe and fittings, PVC | 30 | 2 Plum | 8.000 | L.F. | 473.60 | 585.52 | 2008 Qtr 2 | 1 | 1 | \$ 585.52 |
| General maintenance & repair drain: roof, scupper, area | 1 | 1 Plum | 2.000 | Ea. | 56.70 | 71.34 | 2008 Qtr 2 | 50 | 50 | \$ 3,567.00 |
| Replace drain: roof, scupper, area | 40 | 1 Plum | 2.000 | Ea. | 796.68 | 936.28 | 2008 Qtr 2 | 1 | 1 | \$ 936.28 |
| Check and adjust 10 H.P. compressor | 1 | 1 Plum | 1.000 | Ea. | 65.25 | 81.53 | 2008 Qtr 2 | 50 | 50 | \$ 4,076.50 |
| Replace 10 H.P. compressor | 25 | 2 Plum | 1.000 | Ea. | 8,414.14 | 9,845.45 | 2008 Qtr 2 | 2 | 1 | \$ 9,845.45 |
| Resolder joint pipe & fittings, oxygen | 12 | 1 Plum | 1.000 | Ea. | 52.14 | 65.04 | 2008 Qtr 2 | 4 | 3 | \$ 195.12 |
| Replace pipe and fittings, oxygen | 25 | 2 Plum | 8.000 | L.F. | 141.04 | 171.12 | 2008 Qtr 2 | 2 | 1 | \$ 171.12 |
| Repair single zone rt. unit, 5 ton | 10 | 2 Stpi | 1.000 | Ea. | 1,929.71 | 2,314.56 | 2008 Qtr 2 | 5 | 5 | \$ 11,572.80 |
| Replace single zone rt. unit, 5 ton | 15 | Q5 | 2.000 | Ea. | 14,553.76 | 17,177.20 | 2008 Qtr 2 | 3 | 3 | \$ 51,531.60 |
| Minor repairs to fire alarm control panel | 5 | 1 Elec | 1.000 | Ea. | 107.84 | 130.97 | 2008 Qtr 2 | 10 | 10 | \$ 1,309.70 |
| Maintenance and inspection fire alarm control panel | 0.5 | 1 Elec | 1.000 | Ea. | 30.54 | 38.17 | 2008 Qtr 2 | 100 | 100 | \$ 3,817.00 |
| Replace fire alarm control panel | 15 | 1 Elec | 1.000 | Ea. | 2,615.62 | 3,107.84 | 2008 Qtr 2 | 3 | 3 | \$ 9,323.52 |
| Replace sprinkler head | 20 | 1 Plum | 24.000 | Ea. | 1,528.32 | 1,883.04 | 2008 Qtr 2 | 2 | 2 | \$ 3,766.08 |
| Inspect sprinkler system | 1 | 1 Plum | 1.000 | Ea. | 26.55 | 32.89 | 2008 Qtr 2 | 50 | 50 | \$ 1,644.50 |
| Rebuild double check 3" backflow preventer sprinkler system | 5 | 1 Plum | 1.000 | Ea. | 598.06 | 715.83 | 2008 Qtr 2 | 10 | 10 | \$ 7,158.30 |
| Replace fire alarm bell, 6" | 20 | 1 Elec | 2.000 | Ea. | 284.56 | 343.02 | 2008 Qtr 2 | 2 | 2 | \$ 686.04 |
| Maintenance and inspection lighting panel, indoor | 3 | 1 Elec | 3.000 | Ea. | 85.50 | 106.89 | 2008 Qtr 2 | 16 | 16 | \$ 1,710.24 |

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| Maintenance and repair safety switch gen., 2 pole | 8 | 1 Elec | 1.000 | Ea. | 28.50 | 35.63 | 2008 Qtr 2 | 6 | 6 | \$ 213.78 |
| Maintenance and inspection safety switch, 2 pole | 1 | 1 Elec | 1.000 | Ea. | 28.50 | 35.63 | 2008 Qtr 2 | 50 | 50 | \$ 1,781.50 |
| Maintenance and repair motor starter, up to 600 V | 5 | 1 Elec | 3.000 | Ea. | 512.25 | 622.50 | 2008 Qtr 2 | 10 | 10 | \$ 6,225.00 |
| Maintenance and inspection motor starter, up to 600 V | 0.5 | 1 Elec | 3.000 | Ea. | 114.51 | 143.55 | 2008 Qtr 2 | 100 | 100 | \$ 14,355.00 |
| Replace starter motor starter, up to 600 V | 18 | 1 Elec | 3.000 | Ea. | 1,584.54 | 1,891.23 | 2008 Qtr 2 | 2 | 2 | \$ 3,782.46 |
| Replace fluor. ballast for fluorescent lighting fixture, 80 W | 10 | 1 Elec | 50.000 | Ea. | 4,979.00 | 6,004.00 | 2008 Qtr 2 | 5 | 5 | \$ 30,020.00 |
| Replace lamps (2 lamps) fluorescent lighting fixture, 80 W | 10 | 1 Elec | 50.000 | Ea. | 1,272.00 | 1,559.00 | 2008 Qtr 2 | 5 | 5 | \$ 7,795.00 |
| Replace M.H. ballast mercury halide fixture, 175 W | 10 | 1 Elec | 4.000 | Ea. | 764.00 | 895.56 | 2008 Qtr 2 | 5 | 5 | \$ 4,477.80 |
| Replace lamp mercury halide fixture, 175 W | 5 | 1 Elec | 4.000 | Ea. | 295.96 | 349.88 | 2008 Qtr 2 | 10 | 10 | \$ 3,498.80 |
| Maintenance and repair receptacles and plugs | 20 | 1 Elec | 61.000 | Ea. | 1,896.49 | 2,362.53 | 2008 Qtr 2 | 2 | 2 | \$ 4,725.06 |
| Replace receptacle/plug receptacles and plugs | 20 | 1 Elec | 61.000 | Ea. | 3,218.36 | 3,929.62 | 2008 Qtr 2 | 2 | 2 | \$ 7,859.24 |
| Maintenance and repair wiring devices, switches | 10 | 1 Elec | 19.000 | Ea. | 590.71 | 735.87 | 2008 Qtr 2 | 5 | 5 | \$ 3,679.35 |
| Replace switch wiring devices, switches | 15 | 1 Elec | 19.000 | Ea. | 972.99 | 1,184.65 | 2008 Qtr 2 | 3 | 3 | \$ 3,553.95 |
| Check and repair manual pull station | 10 | 1 Elec | 5.000 | Ea. | 346.05 | 424.35 | 2008 Qtr 2 | 5 | 5 | \$ 2,121.75 |
| Replace manual pull station | 15 | 1 Elec | 5.000 | Ea. | 628.70 | 759.45 | 2008 Qtr 2 | 3 | 3 | \$ 2,278.35 |
| | | | | | \$225,282.62 | \$267,331.15 | | | | |
| | | | | | | | | | MR Subtotal | \$ 568,947.97 |
| | | | | | | | | | MR Per Year | \$ 11,378.96 |
| | | | | | | | | | PM Per Year | \$ 5,160.14 |
| | | | | | | | | | Subtotal | \$ 16,539.10 |
| | | | | | | | | | Total Per Unit | \$ 3.17 |

CostWorks 2009 Quarter 1 - FAC 2162-Ammunition Maintenance Shop, Depot

| Qty | Assembly Number | Description | Total In-House | Total Incl. O&P | Zip Code | Prefix | Type | Release |
|-------|-----------------|--|-------------------|-------------------|----------|--------|------|------------|
| 1.000 | D2015 100 1950 | Urinals, annualized | 12.93 | 16.15 | 200 | | FMR | 2008 Qtr 2 |
| 4.000 | D2015 100 2950 | Toilet (vacuum breaker type), annualized | 51.72 | 64.60 | 200 | | FMR | 2008 Qtr 2 |
| 4.000 | D2015 100 4950 | Lavatories, annualized | 98.72 | 120.32 | 200 | | FMR | 2008 Qtr 2 |
| 1.000 | D2015 100 5950 | Showers, annualized | 19.85 | 23.80 | 200 | | FMR | 2008 Qtr 2 |
| 1.000 | D2015 800 1950 | Drink fountain, annualized | 49.50 | 59.36 | 200 | | FMR | 2008 Qtr 2 |
| 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 |
| 4.000 | B2035 225 1950 | Door, emergency egress, swinging, annualized | 198.04 | 230.04 | 200 | | FMR | 2008 Qtr 2 |
| 7.000 | C1025 110 1950 | Fire doors, swinging, annualized | 174.23 | 209.02 | 200 | | FMR | 2008 Qtr 2 |
| 1.000 | D3095 110 1950 | Air compressor, gas engine powered, annualized | 1,180.53 | 1,474.60 | 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 |
| 5.000 | D3045 160 1950 | VAV Boxes, annualized | 306.55 | 380.00 | 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 | D4015 100 1950 | Backflow prevention device, up to 4", annualized | 18.89 | 23.42 | 200 | | FMR | 2008 Qtr 2 |
| 3.000 | D5015 260 1950 | Panelboard, 225 A and above, annualized | 170.88 | 203.13 | 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 1950 | Crane, electric bridge, up to 5 ton, annualized | 152.92 | 186.81 | 200 | | FMR | 2008 Qtr 2 |
| | | | \$4,223.65 | \$5,160.14 | | | | |

FAC 2162 Sustainment by Year - Terminal Cutoff Applied

