

FAC 7389 Private Vehicle Inspection Facility

RUC: \$109.02 SF

Source: Tri-Service FAC 7389 from *Tri-Service Facility Unit Costs for Military Construction* version prepared November 13, 2009

SUC: \$1.29 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 follow:

FAC 7389 Private Vehicle Inspection Facility
CostWorks 2008 Quarter 2

	Design Life= 40	C.S.F.=100 S.F; MSF=1000 S.F	This spreadsheet was exported		Terminal Cutoff is the removal of a single task occurrenceif that task occurs within					
	Average S.F= 2,075	Sq=100 S.F; M.L.F=1000 L.F	from R.S. Means CostWorks		10% of the end of the design life and if the frequency of the task exceeds 20% of the design llife. 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	Occurences In Design Life	Adjusted Occurences	Terminal Cutoff
Repair wood shingles - 1st floor	12	1 Carp	421.300	S.F.	3,770.64	4,524.76	2008 Qtr 2	3	3	\$ 13,574.29
Replace wood shingles - 1st floor	40	2 Carp	42.100	C.S.F.	23,802.92	28,309.30	2008 Qtr 2	1	0	\$ -
Replace glass - 1st floor (1% of glass)	1	1 Carp	0.100	S.F.	0.91	1.06	2008 Qtr 2	40	40	\$ 42.48
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	2.000	Ea.	229.92	272.40	2008 Qtr 2	2	1	\$ 272.40
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	1 Carp	2.000	Ea.	877.20	1,025.98	2008 Qtr 2	0	0	\$ -
Repair 12' x 12' steel roll-up door	10	1 Carp	2.000	Ea.	1,665.22	1,929.08	2008 Qtr 2	4	3	\$ 5,787.24
Refinish 12' x 12' steel roll-up door	5	1 Pord	2.000	Ea.	337.66	411.08	2008 Qtr 2	8	8	\$ 3,288.64
Replace 12' x 12' steel roll-up door	35	2 Carp	2.000	Ea.	6,650.54	7,699.10	2008 Qtr 2	1	1	\$ 7,699.10
Repair steel, painted, door	14	1 Carp	1.000	Ea.	582.44	686.36	2008 Qtr 2	2	2	\$ 1,372.72
Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	1.000	Ea.	32.91	40.31	2008 Qtr 2	10	10	\$ 403.10
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	1.000	Ea.	532.08	620.04	2008 Qtr 2	0	0	\$ -
Debris removal by hand & visual inspection metal steep roofing	1	2 Rofc	2.000	M.S.F.	35.50	42.80	2008 Qtr 2	40	40	\$ 1,712.00
Minor finish repairs - (2% of roof area) metal steep roofing	5	2 Rofc	41.500	S.F.	112.47	133.63	2008 Qtr 2	8	8	\$ 1,069.04
Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing	5	2 Rofc	0.800	S.F.	11.55	13.86	2008 Qtr 2	8	8	\$ 110.91
Minor replacement - (2.5% of roof area) metal steep roofing	20	2 Rofc	51.800	S.F.	463.09	550.12	2008 Qtr 2	2	1	\$ 550.12
Total metal panel replacement metal steep roofing	30	2 Rofc	20.700	Sq.	13,710.23	16,301.46	2008 Qtr 2	1	1	\$ 16,301.46
Repair steel painted interior door	14	1 Carp	2.000	Ea.	335.50	396.28	2008 Qtr 2	2	2	\$ 792.56
Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	2.000	Ea.	98.80	121.64	2008 Qtr 2	10	10	\$ 1,216.40
Replace 3'-0" x 7'-0" steel painted interior door	60	1 Carp	2.000	Ea.	1,875.08	2,179.92	2008 Qtr 2	0	0	\$ -
Repair solid core wood door interior	11	1 Carp	3.000	Ea.	503.25	594.42	2008 Qtr 2	3	3	\$ 1,783.26
Refinish 3'-0" x 7'-0" solid core wood door interior	4	1 Pord	3.000	Ea.	126.66	155.94	2008 Qtr 2	10	10	\$ 1,559.40
Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	3.000	Ea.	1,100.10	1,275.36	2008 Qtr 2	1	0	\$ -
Refinish concrete floor finished	25	2 Cefi	0.200	C.S.F.	69.89	84.14	2008 Qtr 2	1	1	\$ 84.14
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	32.000	Ea.	3,186.56	3,842.56	2008 Qtr 2	4	3	\$ 11,527.68
Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	32.000	Ea.	5,698.56	6,883.52	2008 Qtr 2	2	1	\$ 6,883.52
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	32.000	Ea.	814.08	997.76	2008 Qtr 2	4	3	\$ 2,993.28
Maintenance and repair receptacles and plugs	20	1 Elec	25.000	Ea.	777.25	968.25	2008 Qtr 2	2	1	\$ 968.25
Replace receptacle/plug receptacles and plugs	20	1 Elec	25.000	Ea.	1,319.00	1,610.50	2008 Qtr 2	2	1	\$ 1,610.50
Maintenance and repair wiring devices, switches	10	1 Elec	12.000	Ea.	373.08	464.76	2008 Qtr 2	4	3	\$ 1,394.28
Replace switch wiring devices, switches	15	1 Elec	12.000	Ea.	614.52	748.20	2008 Qtr 2	2	2	\$ 1,496.40
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	4.000	Ea.	152.76	188.00	2008 Qtr 2	4	3	\$ 564.00
Check operation smoke detector	1	1 Elec	4.000	Ea.	45.60	57.20	2008 Qtr 2	40	40	\$ 2,288.00
Replace smoke detector	15	1 Elec	4.000	Ea.	758.20	907.96	2008 Qtr 2	2	2	\$ 1,815.92
					\$70,859.11	\$84,274.51				
									MR Subtotal	\$ 89,719.47
									MR Per Year	\$ 2,242.99
									PM Per Year	\$ 531.91
									Subtotal	\$ 2,774.90
									Total Per Unit	\$ 1.34

CostWorks 2008 Quarter 2 - FAC 7389 Private Vehicle Inspection Facility

Qty	Description	Bare Total	Total In-House	Total Incl. O&P	Zip Code		Release
					Prefix	Type	
1.000	Door, emergency egress, swinging, annualized	43.08	49.51	57.51	200	FMR	2008 Qtr 2
2.000	Door, overhead, manual, up to 24' high x 25' wide,	212.90	269.48	325.10	200	FMR	2008 Qtr 2
5.000	Fire doors, swinging, annualized	99.75	124.45	149.30	200	FMR	2008 Qtr 2
		\$355.73	\$443.44	\$531.91			

FAC 7389 Sustainment by Year - Terminal Cutoff Applied

