

FAC 1422 Helium Storage Facility

RUC: \$92,166.74 EA

Source: Marshall and Swift
Section 61/8: 30,000 GA tank
Inflated from 2004 to 2008 using SPBI; 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: \$1,233.80 EA

Source: Cost Works model in \$FY-08, inflated to \$FY-09 using Green Book Table 5-6
(O&M less DHP)
Price "each" based on modeled price/sf times average size of inventory
In V12, values were inflated only.

Model follows:

Chart: A chart showing relative annual sustainment requirements follows:

CostWorks 2008 - FAC 1422 Helium Storage Facility

Design Life = 36
Area = 2,221.00

Description	Frequency	Crew	Qty	Unit	Total Incl. O&P	Zip Code Prefix	Type	Release	DL / F	DL / F Trunc	Life Cost	Terminal Cutoff
Replace aluminum siding - 1st floor	35	1 Carp	20.900	C.S.F.	11,319.02	200	FMR	2008	1.02857	1	11319.022	0
Refinish aluminum siding - 1st floor	20	1 Pord	20.900	C.S.F.	3,871.31	200	FMR	2008	1.8	1	3871.307	3871.307
Replace glass - 1st floor (1% of glass)	1	1 Carp	0.100	S.F.	1.05	200	FMR	2008	36	36	37.944	37.944
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	2.000	Ea.	270.54	200	FMR	2008	1.8	1	270.54	270.54
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	1 Carp	2.000	Ea.	1,018.76	200	FMR	2008	0.72	0	0	0
Repair steel, painted, door	14	1 Carp	1.000	Ea.	681.52	200	FMR	2008	2.57143	2	1363.04	1363.04
Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	1.000	Ea.	40.07	200	FMR	2008	9	9	360.63	360.63
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	1.000	Ea.	615.39	200	FMR	2008	0.8	0	0	0
Debris removal by hand & visual inspection metal s	1	2 Rofc	2.200	M.S.F.	46.68	200	FMR	2008	36	36	1680.624	1680.624
Minor finish repairs - (2% of roof area) metal steep	5	2 Rofc	44.400	S.F.	142.08	200	FMR	2008	7.2	7	994.56	994.56
Flashing replacement - (2 S.F. per sq. repaired) me	1	2 Rofc	0.800	S.F.	13.75	200	FMR	2008	36	36	495.072	495.072
Minor replacement - (2.5% of roof area) metal stee	20	2 Rofc	55.500	S.F.	584.97	200	FMR	2008	1.8	1	584.97	584.97
Total metal panel replacement metal steep roofing	30	2 Rofc	22.200	Sq.	17,366.39	200	FMR	2008	1.2	1	17366.394	17366.394
Repair steel painted interior door	14	1 Carp	1.000	Ea.	195.50	200	FMR	2008	2.57143	2	391	391
Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	1.000	Ea.	60.48	200	FMR	2008	9	9	544.32	544.32
Replace 3'-0" x 7'-0" steel painted interior door	60	1 Carp	1.000	Ea.	1,072.30	200	FMR	2008	0.6	0	0	0
Repair solid core wood door interior	11	1 Carp	2.000	Ea.	391.00	200	FMR	2008	3.27273	3	1173	782
Refinish 3'-0" x 7'-0" solid core wood door interior	4	1 Pord	2.000	Ea.	103.28	200	FMR	2008	9	9	929.52	929.52
Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	2.000	Ea.	835.72	200	FMR	2008	0.9	0	0	0
Minor repairs to concrete floor unfinished	15	1 Cefi	22.200	S.F.	810.74	200	FMR	2008	2.4	2	1621.488	1621.488
Replace unfinished concrete floor unfinished	75	2 Cefi	0.000	C.S.F.	0.00	200	FMR	2008	0.48	0	0	0
Replace fluor. ballast for fluorescent lighting fixture	10	1 Elec	0.000	Ea.	0.00	200	FMR	2008	3.6	3	0	0
Replace lamps (2 lamps) fluorescent lighting fixture	10	1 Elec	34.000	Ea.	1,020.00	200	FMR	2008	3.6	3	3060	3060
Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	0.000	Ea.	0.00	200	FMR	2008	1.8	1	0	0
Maintenance and repair receptacles and plugs	20	1 Elec	5.000	Ea.	184.95	200	FMR	2008	1.8	1	184.95	184.95
Replace receptacle/plug receptacles and plugs	20	1 Elec	5.000	Ea.	308.90	200	FMR	2008	1.8	1	308.9	308.9
Maintenance and repair wiring devices, switches	10	1 Elec	4.000	Ea.	147.96	200	FMR	2008	3.6	3	443.88	443.88
Replace switch wiring devices, switches	15	1 Elec	4.000	Ea.	238.96	200	FMR	2008	2.4	2	477.92	477.92
Check and repair manual pull station	10	1 Elec	1.000	Ea.	81.59	200	FMR	2008	3.6	3	244.77	244.77
Replace manual pull station	15	1 Elec	1.000	Ea.	146.24	200	FMR	2008	2.4	2	292.48	292.48
Repair smoke detector	10	1 Elec	4.000	Ea.	179.76	200	FMR	2008	3.6	3	539.28	539.28
Check operation smoke detector	1	1 Elec	4.000	Ea.	54.52	200	FMR	2008	36	36	1962.72	1962.72
Replace smoke detector	15	1 Elec	4.000	Ea.	878.08	200	FMR	2008	2.4	2	1756.16	1756.16

\$42,681.53

M&R Sub 52274.491 40564.469

M&R Per 1452.0692 1126.79081

PM \$145.84 \$145.84

Total Per 0.72 0.57

For EACH Bldg 1,272.63

CostWorks 2009 Quarter 1 - FAC 1422 Helium Storage Facility

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	49.13	57.07	200	FMR	2008
3.000	C1025 110 1950	Fire doors, swinging, annualized	73.98	88.77	200	FMR	2008
			\$123.11	\$145.84			

FAC 1422 Sustainment by Year - Terminal Cutoff Applied

