

**FAC 1167     Aircraft Rinse Facility**

RUC:            \$161.91 SY

Source:        Inflated from V10 using SPBI to FY-08; projected to FY-09 using Green Book Table 5-6 MCON  
In V12, Tri-Service and USACE PAX Newsletter values were updated while all other values were inflated only.

Original source: V8 PACES model, calculation on following page:

SUC:            \$1.04 SY

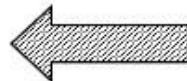
Source:        AFCESA Paver model provided in 2000 – equated to FAC 1163,1121  
Actual inflation using ENR-based index applied through FY-08  
Projected inflation applied using Green Book Table 5-6, O&M (less DHP)  
In V12, values were inflated only.

## Version 8 Calculation for FAC 1167 Aircraft Rinse Facility

Total PACES Cost		
FAC 1163.		\$1,844,047
Sitework		\$2,066,893
Pad Only		\$3,910,940



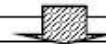
Sitework less Storm drainage (from PACES)		
Assembly No. 170-	Price	
10102		\$150,409
10303		\$1,723,524
10502		\$1,971,090
10520		\$488,489
10702		\$5,732,962
30105		\$313
30203		\$20,309,994
30257		\$7,395
30259		\$8,760
30265		\$1,491
30268		\$2,720
30282		\$48,367
30401		\$20,179
30418		\$154,004
30501		\$7,994,961
		\$38,614,658
Pad % x Sitework Total =		\$2,066,893



CCF (FY -06 Program Year)	
Pad Cost	\$3,910,940
Add Markups @ 34.7%	\$1,357,096
Total	\$5,268,036
Area from PACES	48241 SY
CCF =	\$109.20 Per SY



Add Cost of Rinse Apparatus	
Costs taken from 01/04 NFESC	
Site Prep	40,000
Treatment system: closed loop washrack	100,000
Total	\$140,000
Washrack area:	2960.2 SY
(from Navy project in FY-01)	
Cost per SY	\$47
Inflate from 04 to 06	\$49



Total CCF	
Pad construction	\$109
Washrack and recycling devices	\$49
Total, per SY	\$159

### Calculation of Pad Portion of Surfaced Area

Aprons	427462 SY
Runway	231113 SY
Taxiway	194445 SY
Pad	48241 SY
Total	901261

Pad	
Percent	0.053526