

**FLORIDA DIVISION OF EMERGENCY MANAGEMENT
 APPLICANT-OWNED AIRCRAFT (FIXED WING AND HELICOPTER)
 HOURLY RATE DETERMINATION WORKSHEET FOR FEMA/STATE REIMBURSEMENT**

Applicant: _____

Aircraft Description: _____
 (Make, Model, Year, Type, Applicant Equipment #)

Year Acquired: _____

Data Necessary to Determine FEMA Aircraft Rate

A. Acquisition Cost (Purchase Price, Surplus Fee, Costs to make Operational): \$ _____

B. Average Annual Hours Usage (Over last 3 years) _____ Hrs
 (Note: Use 1200 Hours if Annual Usage is Unknown)

C. Total Shaft (not Takeoff) Horsepower of all engines for continuous operation: _____ HP

Method 1: For Aircraft Acquired less than 15 Years Ago:

FEMA Aircraft Rate = Hr'ly Depreciation Cost + Hr'ly Overhead Cost + Hr'ly Operational Cost

Hourly Depreciation Rate = A divided by 15 Years; then divided by B

$$= \$ \frac{\text{(A)}}{\text{(B)}} \text{ divided by 15 Years; then divided by } \frac{\text{Hrs/Yr}}{\text{(B)}} = \$ \frac{\text{A}}{\text{B} \times 15} \text{ /Hr}$$

$$+ \text{ Hourly Overhead Cost} = 25\% \text{ of Hourly Depreciation Rate} = \$ \frac{\text{A}}{\text{B} \times 15} \times 0.25 \text{ /Hr}$$

$$+ \text{ Hourly Operational Cost} = \text{C times } \$0.50/\text{HP} = \frac{\text{C}}{\text{(C)}} \text{ HP} \times \$0.50/\text{HP} = \$ \frac{\text{C}}{\text{(C)}} \text{ /Hr}$$

Total: **FEMA Aircraft Equipment Rate** = \$ _____ /Hr

Method 2: For Aircraft Acquired more than 15 Years Ago; or with \$0 Acquisition Cost:

FEMA Aircraft Equipment Rate = Hourly Overhead Cost + Hourly Operational Cost

$$\text{Hourly Overhead Cost} = \$0.02/\text{HP} \text{ times } \text{C} = \$0.02/\text{HP} \times \frac{\text{C}}{\text{(C)}} \text{ HP} = \$ \frac{\text{C}}{\text{(C)}} \text{ /Hr}^*$$

(* Minimum of \$4.00/Hr)

$$+ \text{ Hourly Operational Cost} = \text{C times } \$0.50/\text{HP} = \frac{\text{C}}{\text{(C)}} \text{ HP} \times \$0.50/\text{HP} = \$ \frac{\text{C}}{\text{(C)}} \text{ /Hr}$$

Total: **FEMA Aircraft Equipment Rate** = \$ _____ /Hr