Charging Bases

Computation

CPU Cycle Time (Dual Processors)

Hours per Month		300
Less - O'head Portion (10%)	30	
Other Lost Time	10	40
Estimated Productive Time		260
Locations		x 3
Estimated Total Productive Hours per Month		780
Estimated Total Productive Hours per Year (x 12)		9360

Input/Output

Weighted Clock Time(1) of Devices

Punch or Disc Pack	Paper Tape	Reader	Printer	Microfilm Plotter	Mag. Tape
$\frac{\$825.00}{200 \text{ hrs.}} = \$4.13$	$\frac{\$950.00}{200 \text{ hrs.}} = \$4.75$	$\frac{\$650.00}{200 \text{ hrs.}} = \$3.25$	$\frac{\$1400.00}{200 \text{ hrs.}} = \$7.00$	$\frac{\$7,500}{200 \text{ hrs.}} = \$37.50$	$\frac{\$922.50}{200 \text{ hrs.}} = \$4.61$
Factor - "X" Per Hour Cost to Printer Hourly	59%	68%	46%	100%	535%	66%

No. of Devices	Device	Hours Per Month	Est. Clocked Hours	Factor	Weighted Est. Hours
2	Disc Pack	400	260	.59	153
1	Paper Tape	200	40	.68	27
3	Reader	600	300	.46	138
2	Punch	400	280	.59	165
4	Printer	800	720	1.00	720
10	Magnetic Tape (2)(3)	1200	550	.66	362
3	Microfilm Plotter	600	100	5.35	535
Estimated Weighted Device Hours per Month per location					2,100
Estimated Weighted Device Hours per Month - All locations (x 4)					8,400
Estimated Weighted Device Hours - Annual (x 12)					100,800

(1) Weighted in terms of device with greatest expected usage (Printer).
(2) Drives.
(3) 60% utilization for Input/Output.