

R 11/74

## IBM System/370 EQUIPMENT PRICES

|                                    |   | Purchase<br>Price | Monthly<br>Maint. | Rental<br>(short-term<br>lease)* |
|------------------------------------|---|-------------------|-------------------|----------------------------------|
| <b>PROCESSORS AND MAIN STORAGE</b> |   |                   |                   |                                  |
| 3115                               | Processing Unit (for Model 115 system):   |                   |                   |                                  |
|                                    | Model F; 65,536 bytes   | 142,900           | 250.00            | 2,945                            |
|                                    | Model FE; 98,304 bytes  | 152,600           | 255.00            | 3,145                            |
|                                    | Model G; 131,304 bytes  | 162,300           | 260.00            | 3,345                            |
|                                    | Model GE; 163,840 bytes   | 172,000           | 265.00            | 3,545                            |
| 3125                               | Processing Unit (for Model 125 system):   |                   |                   |                                  |
|                                    | Model FE; 98,304 bytes  | 236,200           | 295.00            | 4,870                            |
|                                    | Model G; 131,072 bytes  | 246,000           | 300.00            | 5,070                            |
|                                    | Model GE; 163,840 bytes   | 255,800           | 306.00            | 5,270                            |
|                                    | Model GF; 196,608 bytes   | 265,600           | 311.00            | 5,470                            |
|                                    | Model H; 262,144 bytes  | 285,200           | 321.00            | 5,870                            |
| 3135                               | Processing Unit (for Model 135 system):   |                   |                   |                                  |
|                                    | Model FE; 98,304 bytes  | 286,800           | 469.00            | 5,770                            |
|                                    | Model GD; 147,456 bytes   | 331,700           | 499.00            | 6,690                            |
|                                    | Model GF; 196,608 bytes   | 376,600           | 530.00            | 7,610                            |
|                                    | Model DH; 245,760 bytes   | 421,500           | 561.00            | 8,530                            |
|                                    | Model H; 262,144 bytes  | 423,200           | 622.00            | 8,840                            |
|                                    | Model HF; 327,680 bytes   | 453,800           | 673.00            | 9,480                            |
|                                    | Model HG; 393,216 bytes   | 484,400           | 724.00            | 10,100                           |
|                                    | Model I; 524,288 bytes  | 545,600           | 826.00            | 11,340                           |
| 3046                               | Power Unit (required for 3135)  | 15,800            | 33.50             | 330                              |
| 3145                               | Processing Unit (for Model 145 system):   |                   |                   |                                  |
|                                    | Model GE; 163,840 bytes**   | 595,100           | 1,090.00          | 12,380                           |
|                                    | Model GFD; 212,992 bytes**  | 639,100           | 1,120.00          | 13,300                           |
|                                    | Model H; 262,144 bytes**  | 683,100           | 1,150.00          | 14,220                           |
|                                    | Model HG; 393,316 bytes when used with a 3345 Model 1 or 4**                              | 684,100           | 1,150.00          | 14,240                           |
|                                    | Model I; 524,288 bytes when used with a 3345 Model 2 or 5**                               | 685,100           | 1,150.00          | 14,260                           |
|                                    | Model H2; 262,144 bytes   | 670,900           | 1,150.00          | 13,960                           |
|                                    | Model HG2; 393,316 bytes  | 751,600           | 1,210.00          | 15,600                           |
|                                    | Model I2; 524,288 bytes   | 812,800           | 1,320.00          | 16,900                           |
|                                    | Model IH2; 786,432 bytes  | 935,200           | 1,520.00          | 19,105                           |
|                                    | Model J2; 1,048,576 bytes   | 1,057,600         | 1,720.00          | 21,860                           |
| 3345                               | Storage and Control Frame (for Model 145):  |                   |                   |                                  |
|                                    | Model 1; 131,072 bytes**  | 141,000           | 91.00             | 2,930                            |
|                                    | Model 2; 262,144 bytes**  | 257,000           | 168.00            | 5,360                            |
|                                    | Model 3; Integrated 3330 Disk Storage Control   | 61,200            | 86.00             | 1,270                            |
|                                    | Model 4; 131,072 bytes plus Integrated 3330 Disk Storage Control**                        | 197,000           | 178.00            | 4,110                            |
|                                    | Model 5; 262,144 bytes plus Integrated 3330 Disk Storage Control**                        | 313,000           | 225.00            | 6,530                            |
| 8100                               | Two-Channel Switch for 3345 Model 3, 4, or 5 or 3145                                      | 9,900             | 10.00             | 204                              |
| 3046                               | Power Unit (required for 3345 Model 1, 2, 4, or 5)  | 15,800            | 33.50             | 330                              |
| 3047                               | Power Unit (required for 3145 Models H2 through J2)                                       | 16,800            | 35.00             | 350                              |
| 3155                               | Processing Unit (for Model 155 system; requires 3360 Mod. 1, 2, or 3 Processor Storage)   |                   |                   |                                  |
|                                    | Model H; 262,144 bytes  | 978,200           | 1,760.00          | 20,370                           |
|                                    | Model HG; 393,216 bytes   | 979,400           | 1,760.00          | 20,400                           |
|                                    | Model I; 524,288 bytes  | 980,600           | 1,760.00          | 20,430                           |
|                                    | Model IH; 786,432 bytes   | 1,004,500         | 1,770.00          | 20,920                           |
|                                    | Model J; 1,048,576 bytes  | 1,006,900         | 1,770.00          | 20,980                           |
|                                    | Model JI; 1,572,964 bytes   | 1,091,400         | 1,820.00          | 22,700                           |
|                                    | Model K; 2,097,152 bytes  | 1,117,700         | 1,830.00          | 23,250                           |
| 3360                               | Processor Storage (for Model 155):  |                   |                   |                                  |
|                                    | Model 1; 262,144 bytes  | 134,000           | 295.00            | 3,060                            |
|                                    | Model 2; 393,216 bytes  | 201,000           | 443.00            | 4,590                            |
|                                    | Model 3; 524,288 bytes  | 269,000           | 591.00            | 6,120                            |
| 3158                               | Processing Unit (for Model 158 system; includes semiconductor main storage as indicated): |                   |                   |                                  |
|                                    | Model I; 524,288 bytes  | 1,647,500         | 1,970.00          | 33,950                           |
|                                    | Model J; 1,048,576 bytes  | 1,764,600         | 2,040.00          | 36,600                           |
|                                    | Model JI; 1,572,864 bytes   | 1,881,700         | 2,100.00          | 39,250                           |
|                                    | Model K; 2,097,152 bytes  | 1,998,800         | 2,160.00          | 49,100                           |
|                                    | Model KJ; 3,145,728 bytes   | 2,282,900         | 2,440.00          | 48,200                           |
|                                    | Model L; 4,194,304 bytes  | 2,517,100         | 2,570.00          | 53,500                           |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

\*\* Not in new production.

IBM System/370  
EQUIPMENT PRICES

|  |   | <u>Purchase Price</u> | <u>Monthly Maint.</u> | <u>Rental (short-term lease)*</u> |
|--|---|-----------------------|-----------------------|-----------------------------------|
| <b>PROCESSORS AND MAIN STORAGE (Continued)</b> |   |                       |                       |                                   |
|  | For Model 158 MP (multiprocessing) systems:   |                       |                       |                                   |
|  | Model MP1; 524,288 bytes  | 1,817,400             | 2,070.00              | 37,400                            |
|  | Model MP2; 1,048,576 bytes  | 1,934,500             | 2,130.00              | 40,050                            |
|  | Model MP3; 1,572,864 bytes  | 2,051,600             | 2,190.00              | 42,700                            |
|  | Model MP4; 2,097,152 bytes  | 2,168,700             | 2,250.00              | 45,350                            |
|  | Model MP5; 3,145,728 bytes  | 2,452,800             | 2,530.00              | 51,650                            |
|  | Model MP6; 4,194,304 bytes  | 2,687,000             | 2,650.00              | 56,950                            |
| 3058   | Multisystem Unit (required in Model 158 MP systems):                                      | 59,780                | 20.00                 | 1,220                             |
| 4600   | I/O Assignment Switch Expansion (for 3058)  | 4,900                 | 1.00                  | 100                               |
| 3165   | Processing Unit (for Model 165 system; requires 3360 Mod. 4 or 5 Processor Storage):      |                       |                       |                                   |
|  | Model I; 524,288 bytes  | 1,744,900             | 3,020.00              | 36,350                            |
|  | Model J; 1,048,576 bytes  | 1,750,000             | 3,030.00              | 36,450                            |
|  | Model JI; 1,572,864 bytes   | 1,771,200             | 3,070.00              | 36,900                            |
|  | Model K; 2,097,152 bytes  | 1,786,800             | 3,120.00              | 37,200                            |
|  | Model KJ; 3,145,728 bytes   | 1,839,600             | 3,220.00              | 38,300                            |
| 3066-1   | System Console (required in Model 165 system)   | 163,000               | 469.00                | 3,410                             |
| 3067-1   | Power and Coolant Distribution Unit (required in Model 165 system)                        | 121,000               | 112.00                | 2,520                             |
| 9447   | 208/230-volt Motor Generator Set (for Model 165)  | 15,300                | -                     | Purchase only                     |
| 9449   | 440-volt Motor Generator Set (for Model 165)  | 15,300                | -                     | Purchase only                     |
| 3360   | Processor Storage (for Model 165):  |                       |                       |                                   |
|  | Model 4; 262,144 bytes  | 134,000               | 295.00                | 3,060                             |
|  | Model 5; 524,288 bytes  | 269,000               | 591.00                | 6,120                             |
| 3168   | Processing Unit (for Model 168 system; includes semiconductor main storage as indicated): |                       |                       |                                   |
|  | Model J; 1,048,576 bytes  | 2,664,100             | 4,310.00              | 54,850                            |
|  | Model K; 2,097,152 bytes  | 2,898,300             | 4,430.00              | 60,150                            |
|  | Model KJ; 3,145,728 bytes   | 3,142,700             | 4,720.00              | 65,650                            |
|  | Model L; 4,194,304 bytes  | 3,376,900             | 4,840.00              | 70,950                            |
|  | Model LJ; 5,242,860 bytes   | 3,661,000             | 5,100.00              | 77,300                            |
|  | Model LK; 6,291,456 bytes   | 3,895,200             | 5,250.00              | 82,600                            |
|  | Model LKJ; 7,340,032 bytes  | 4,129,400             | 5,370.00              | 87,900                            |
|  | Model M; 8,388,608 bytes  | 4,363,600             | 5,490.00              | 93,200                            |
|  | For Model 168 MP (multiprocessing) systems:   |                       |                       |                                   |
|  | Model MP1; 1,048,576 bytes  | 2,745,000             | 4,320.00              | 56,500                            |
|  | Model MP2; 2,097,152 bytes  | 2,979,200             | 4,440.00              | 61,800                            |
|  | Model MP3; 3,145,728 bytes  | 3,223,600             | 4,730.00              | 67,300                            |
|  | Model MP4; 4,194,304 bytes  | 3,457,800             | 4,850.00              | 72,600                            |
|  | Model MP5; 5,242,860 bytes  | 3,741,900             | 5,140.00              | 78,950                            |
|  | Model MP6; 6,291,456 bytes  | 3,976,100             | 5,260.00              | 84,250                            |
|  | Model MP7; 7,340,032 bytes  | 4,210,300             | 5,380.00              | 89,550                            |
|  | Model MP8; 8,388,608 bytes  | 4,444,500             | 5,500.00              | 94,850                            |
| 3066-2   | System Console (required in Model 168 system)   | 163,000               | 469.00                | 3,410                             |
| 5050   | Multiprocessing Feature (for 3066-2)  | 3,990                 | 1.00                  | 81                                |
| 3067-2   | Power and Coolant Distribution Unit (required in Model 168 system)                        | 121,000               | 112.00                | 2,520                             |
| 5050   | Multiprocessing Feature (for 3067-2)  | 14,900                | 20.25                 | 306                               |
| 3068   | Multisystem Communication Unit (required in Model 168 MP systems)                         | 637,000               | 330.00                | 13,000                            |
| 3850   | Extended Storage Attachment (required on 3068 if either processor has over 4194K bytes)   | 6,125                 | 0                     | 125                               |
| 4600   | I/O Assignment Switch Expansion (for 3068)  | 4,900                 | 1                     | 100                               |
| 9447   | 208/230-volt Motor Generator Set (for Model 168)  | 15,300                | -                     | Purchase only                     |
| 9449   | 440-volt Motor Generator Set (for Model 168)  | 15,300                | -                     | Purchase only                     |
| 3195   | Processing Unit (for Model 195 system; includes core storage as indicated):               |                       |                       |                                   |
|  | Model J1; 1,048,576 bytes   | 4,450,000             | 13,300.00             | 102,800                           |
|  | Model K1; 2,097,152 bytes   | 5,980,000             | 14,100.00             | 134,400                           |
|  | Model KJ1; 3,145,728 bytes  | 7,030,000             | 14,900.00             | 155,850                           |
|  | Model L1; 4,194,304 bytes   | 8,010,000             | 15,600.00             | 175,200                           |
| 3060   | System Console (required in Model 195 system)   | 314,000               | 459.00                | 7,340                             |
| 3080   | Power Units (three required in Model 195 system)  | 38,100                | 15.25                 | 867                               |
| 3085   | Power Distribution Unit (required in Model 195 system)                                    | 31,400                | 10.00                 | 765                               |
| 3086   | Coolant Distribution Unit (required in Model 195 system)                                  | 33,600                | 10.00                 | 765                               |
| 9447   | 208/230-volt Motor Generator Set (for Model 195)  | 15,300                | -                     | Purchase only                     |
| 9449   | 440-volt Motor Generator Set (for Model 195)  | 15,300                | -                     | Purchase only                     |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

## IBM System/370

### EQUIPMENT PRICES

|   |  | <u>Purchase<br/>Price</u> | <u>Monthly<br/>Maint.</u> | <u>Rental<br/>(short-term<br/>lease)*</u> |
|---|--|---------------------------|---------------------------|---|
| <b>PROCESSORS AND MAIN STORAGE (Continued)</b>  |  |                           |                           |   |
| NOTE: A purchased Model 155 Processing Unit can be converted into a Model 155-II by field installation of the Dynamic Address Translation facility at a one-time charge of \$200,000 and a \$630 increase in the monthly maintenance charge. A purchased Model 165 can be similarly converted into a Model 165-II at a one-time charge of \$400,000 and a \$1,000 increase in the monthly maintenance charge. |  |                           |                           |   |
| <b>PROCESSOR FEATURES AND CHANNELS</b>  |  |                           |                           |   |
| For 3115 Processing Unit (Model 115):   |  |                           |                           |   |
| 3898  | External Signals Feature   | 4,850                     | 1.00                      | 100                                       |
| 3900  | Floating Point Feature   | No charge                 | No charge                 | No charge                                 |
| 4650  | Integrated 3203 Printer Attachment   | 3,700                     | 6.00                      | 75  |
| 4653  | Integrated 3203/5203 Printer Attachment<br>(prerequisite for Feature 4650 or 4690) | 3,800                     | 7.00                      | 80  |
| 4670  | Integrated 2560 MFCM Attachment  | 6,800                     | 10.00                     | 140                                       |
| 4674  | 2560 Card Print Control  | 1,450                     | 2.00                      | 30  |
| 4675  | 3411 Magnetic Tape Adapter   | 4,850                     | 3.00                      | 100                                       |
| 4690  | Integrated 5203 Model 3 Printer Attachment   | 3,700                     | 6.00                      | 75  |
| 4692  | Integrated 5213 Model 1 Printer Attachment   | 4,850                     | 3.00                      | 100                                       |
| 4695  | Integrated 5425 MFCU Attachment  | 6,800                     | 16.00                     | 140                                       |
| 5248  | Byte Multiplexer Channel   | 9,250                     | 17.00                     | 190                                       |
| 7520  | System/360 Model 20 Compatibility  | No charge                 | No charge                 | No charge                                 |
| 4640  | Integrated Communications Adapter (for 3115)                                       | 9,950                     | 21.00                     | 205                                       |
| 4641  | Integrated Communications Adapter Extension  | 3,650                     | 1.50                      | 75  |
| 1201  | Asynchronous Line Group  | 1,950                     | 3.00                      | 40  |
| 1231  | Asynchronous Line, Medium Speed  | 1,950                     | 2.50                      | 40  |
| 1241  | Asynchronous Line Pair, Low Speed  | 2,650                     | 3.50                      | 55  |
| 1291, 1292  | Auto Call Adapter (line position A1 or A2)   | 950                       | 1.50                      | 20  |
| 1295, 1296  | Auto Call Adapter (line position S1 or S2)   | 950                       | 1.50                      | 20  |
| 4743  | IBM Leased Line Adapter  | 490                       | 2.50                      | 14  |
| IBM 1200-bps Line Adapters:   |  |                           |                           |   |
| 4781  | Non-switched   | 525                       | 2.50                      | 15  |
| 4782  | Switched with autoanswer   | 700                       | 3.00                      | 20  |
| 4791  | Switched with autocal and autoanswer   | 2,275                     | 10.00                     | 65  |
| 4792  | Line Adapter Base 2  | 1,200                     | 2.00                      | 25  |
| 4793  | Line Adapter Base 3  | 1,200                     | 2.00                      | 25  |
| 7100  | Synchronous Line Group   | 1,950                     | 3.00                      | 40  |
| 7121  | Synchronous Line, High Speed   | 4,850                     | 7.00                      | 100                                       |
| 7141-7144   | Synchronous Line, Medium Speed, with Clock   | 2,650                     | 3.50                      | 55  |
| 7151-7154   | Synchronous Line, Medium Speed   | 2,200                     | 3.00                      | 45  |
| 7881  | Telegraph Line Pair  | 2,650                     | 7.50                      | 55  |
| For 3125 Processing Unit (Model 125):   |  |                           |                           |   |
| 3898  | External Signals   | 4,940                     | 1.00                      | 102                                       |
| 3910  | Floating Point (including Extended Precision)                                      | No charge                 | No charge                 | No charge                                 |
| 4101  | First 4K-Word Control Storage Increment  | 3,720                     | 1.50                      | 76  |
| 4102  | Second 4K-Word Control Storage Increment   | 3,720                     | 1.50                      | 76  |
| 4457  | 1401/1440/1460 Compatibility   | No Charge                 | No charge                 | No charge                                 |
| 4500  | 5424 Card Unit Power Supply  | 7,900                     | 11.00                     | 163                                       |
| 4505  | 1403 Printer/5425 Card Unit Power Prerequisite                                     | 13,800                    | 30.50                     | 285                                       |
| 4662  | Integrated 1403 Model 2/N1 Printer Attachment                                      | 510                       | 1.00                      | 10  |
| 4667  | Integrated 1403 Model 2/7/N1 Printer Attachment                                    | 6,420                     | 10.00                     | 132                                       |
| 4668  | Integrated 1403 Model N1 Printer Attachment  | 255                       | 1.00                      | 5   |
| 4670  | Integrated 2560 Model A1 MFCM Attachment   | 6,930                     | 10.00                     | 142                                       |
| 4674  | 2560 Card Print Control  | 1,470                     | 2.00                      | 30  |
| 4675  | 3411 Magnetic Tape Adapter   | 4,940                     | 3.00                      | 102                                       |
| 4680  | Integrated 3504 Card Reader Attachment   | 3,210                     | 6.50                      | 66  |
| 4685  | Integrated 3525 Card Punch Attachment  | 3,970                     | 9.00                      | 81  |
| 4692  | Integrated 5213 Console Printer Attachment   | 4,940                     | 3.00                      | 102                                       |
| 4693  | 3525 Card Print Control  | 2,950                     | 2.50                      | 61  |
| 4695  | Integrated 5425 MFCU Attachment  | 6,930                     | 16.00                     | 142                                       |
| 5248  | Multiplexer Channel  | 9,890                     | 19.00                     | 204                                       |
| 7520  | System/360 Model 20 Compatibility  | No charge                 | No charge                 | No charge                                 |
| 8005  | 1052 Compatibility   | No charge                 | No charge                 | No charge                                 |
| 8040  | 2311 Model 1 Compatibility   | No charge                 | No charge                 | No charge                                 |
| 4640  | Integrated Communications Adapter (for 3125)                                       | 10,100                    | 21.25                     | 209                                       |
| 4641  | Integrated Communications Adapter Extension  | 3,720                     | 1.50                      | 76  |
| 1201  | Asynchronous Line Group 1 (ALG 1)  | 1,980                     | 3.00                      | 40  |

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## IBM System/370 EQUIPMENT PRICES

| PROCESSING FEATURES AND CHANNELS (Continued) |  | Purchase<br>Price | Monthly<br>Maint. | Rental<br>(short-term<br>lease)* |
|--|--|-------------------|-------------------|----------------------------------|
| 1202   | Asynchronous Line Group 2 (ALG 2)                    | 1,980             | 3.00              | 40                               |
| 1231   | Asynchronous Line, Medium-Speed, ALG 1               | 1,980             | 2.50              | 40                               |
| 1232   | Asynchronous Line, Medium-Speed, ALG 2               | 1,980             | 2.50              | 40                               |
| 1241   | Asynchronous Line Pair, Low-Speed, ALG 1             | 2,700             | 3.50              | 56                               |
| 1242   | Asynchronous Line Pair, Low-Speed, ALG 2             | 2,700             | 3.50              | 56                               |
| 1291-1296                                    | Auto-Call Adapter (per line position)                | 969               | 1.50              | 20                               |
| 4743   | IBM Leased Line Adapter                              | 499               | 2.50              | 14                               |
|  | IBM 1200-bps Line Adapter:                           |                   |                   |                                  |
| 4781   | Non-Switched   | 535               | 2.50              | 15                               |
| 4782   | Switched with Auto-Answer                            | 714               | 3.00              | 20                               |
| 4791   | Switched with Auto-Answer and Auto-Call              | 2,320             | 10.00             | 66                               |
| 4792   | Line Adapter Base 2                                  | 1,220             | 2.00              | 25                               |
| 4793   | Line Adapter Base 3                                  | 1,220             | 2.00              | 25                               |
| 7100   | Synchronous Line Group                               | 1,980             | 3.00              | 40                               |
| 7121   | Synchronous Line, High-Speed                         | 4,940             | 7.00              | 102                              |
| 7131   | Synchronous Line, Low-Load, First                    | 4,940             | 7.00              | 102                              |
| 7132   | Synchronous Line, Low-Load, Second                   | 4,940             | 7.00              | 102                              |
| 7141-7144                                    | Synchronous Line, Medium-Speed with Clock (per line) | 2,700             | 3.50              | 56                               |
| 7151-7154                                    | Synchronous Line, Medium-Speed (per line)            | 2,240             | 3.00              | 45                               |
| 7881   | Telegraph Line Pair, ALG 1                           | 2,700             | 7.50              | 56                               |
| 7882   | Telegraph Line Pair, ALG 2                           | 2,700             | 7.50              | 56                               |
| 5213   | Printer; 85 char/sec.                                | 6,320             | 48.75             | 163                              |
|  | For 3135 Processing Unit (Model 135):                |                   |                   |                                  |
| 1290   | Autocall   | 2,490             | 1.00              | 51                               |
| 1421   | Block Multiplexer Channel                            | No charge         | No charge         | No charge                        |
| 1431   | Block Multiplexer Shared Subchannel                  | No charge         | No charge         | No charge                        |
| 1501   | Channel Priority                                     | No charge         | No charge         | No charge                        |
| 2001   | Clock Comparator & CPU Timer                         | No charge         | No charge         | No charge                        |
| 3274   | Direct Control                                       | 5,940             | 1.00              | 120                              |
| 3840   | Extended Precision Floating Point                    | 1,350             | 1.00              | 27                               |
| 3900   | Floating-Point                                       | No charge         | No charge         | No charge                        |
| 3905-3907                                    | Additional Multiplexer Subchannels (64, 128, or 256) | No charge         | No charge         | No charge                        |
| 4457   | IBM 1401/1440/1460 Compatibility                     | No charge         | No charge         | No charge                        |
| 4650   | Integrated File Adapter (IFA) for 2319               | 25,800            | 12.00             | 520                              |
| 4655   | Integrated File Adapter (IFA) for 3330 Series        | 35,300            | 3.00              | 714                              |
| 4640   | Integrated Communications Adapter (ICA)              | 10,800            | 21.25             | 220                              |
| 4722   | Second Line on ICA                                   | 2,170             | 5.00              | 43                               |
| 4723   | Third Line on ICA                                    | 4,350             | 9.00              | 87                               |
| 4724   | Fourth Line on ICA                                   | 2,170             | 5.00              | 43                               |
| 4725   | Fifth Line on ICA                                    | 6,490             | 14.25             | 131                              |
| 4726   | Sixth Line on ICA                                    | 2,170             | 5.00              | 43                               |
| 4727   | Seventh Line on ICA                                  | 2,170             | 5.00              | 43                               |
| 4728   | Eighth Line on ICA                                   | 2,170             | 5.00              | 43                               |
| 4662   | Integrated Printer Adapter for 1403 Model 2          | 19,500            | 20.25             | 395                              |
| 4667   | Integrated Printer Adapter for 1403 Model 7          | 19,500            | 20.25             | 395                              |
| 4668   | Integrated Printer Adapter for 1403 Model N1         | 19,500            | 20.25             | 395                              |
| 6981   | Selector Channel No. 1                               | 9,520             | 4.00              | 192                              |
| 6982   | Selector Channel No. 2                               | 8,160             | 4.00              | 165                              |
| 7520   | System/360 Model 20 Compatibility                    | No charge         | No charge         | No charge                        |
| 7861   | Control Storage Expansion; 1st 12K increment         | 11,200            | 19.25             | 229                              |
| 7862   | Control Storage Expansion; 2nd 12K increment         | 11,200            | 19.25             | 229                              |
| 7844   | Adapter for 3210-1 Console Printer-Keybaord          | 5,440             | 4.00              | 110                              |
| 7855   | Adapter for 3215 Console Printer-Keybaord            | 9,220             | 5.00              | 186                              |
| 8637   | Universal Character Set Adapter                      | 1,860             | 7.00              | 37                               |
| 9841   | 3333 String Attachment                               | No charge         | No charge         | No charge                        |
| 3210-1                                       | Console Printer-Keybaord; 15 char/sec                | 5,710             | 86.00             | 178                              |
| 3215   | Console Printer-Keybaord; 85 char/sec                | 8,160             | 56.00             | 204                              |
|  | For 3145 Processing Unit (Model 145):                |                   |                   |                                  |
| 1421-1424                                    | Block Multiplexer Channel Features                   | No charge         | No charge         | No charge                        |
| 1850   | Channel-to-Channel Adapter                           | 14,000            | 12.00             | 291                              |
| 2001   | Clock Comparator & CPU Timer                         | 4,890             | 3.00              | 102                              |
| 2150   | Control Store Extension (prerequisite for 9845)      | 14,600            | 10.00             | 306                              |
| 3274   | Direct Control                                       | 6,310             | 4.00              | 131                              |
| 3910   | Floating-Point Instructions                          | No charge         | No charge         | No charge                        |
| 4457   | 1401/1440/1460 Compatibility                         | No charge         | No charge         | No charge                        |
| 4458   | 1401/1440/1460, 1410/7010 Compatibility              | No charge         | No charge         | No charge                        |
| 4650   | Integrated File Adapter (IFA) for 2319               | 28,800            | 42.75             | 601                              |
| 4660   | Integrated Storage Control (ISC) for 3330            | 56,300            | 86.00             | 1,170                            |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

## IBM System/370

### EQUIPMENT PRICES

|  |  | <u>Purchase<br/>Price</u> | <u>Monthly<br/>Maint.</u> | <u>Rental<br/>(short-term<br/>lease)*</u> |
|--|--|---------------------------|---------------------------|---|
| <b>PROCESSOR FEATURES AND CHANNELS (Continued)</b> |  |                           |                           |   |
| 4951-4954  | Additional Multiplexer Subchannels (32, 64, 128, or 256) | No charge                 | No charge                 | No charge                                 |
| 6982   | Selector Channel—2nd                                     | 11,800                    | 15.25                     | 247                                       |
| 6983   | Selector Channel—3rd                                     | 11,800                    | 15.25                     | 247                                       |
| 6984   | Selector Channel—4th                                     | 11,800                    | 15.25                     | 247                                       |
| 7844   | Console Printer Adapter for 3210 Model 1                 | 6,600                     | 4.00                      | 137                                       |
| 7845   | Console Printer Adapter for 3210 Model 2                 | 5,280                     | 6.00                      | 110                                       |
| 7855   | Console Printer Adapter for 3215                         | 9,250                     | 6.00                      | 192                                       |
| 8810   | Word Buffer  | 10,500                    | 6.00                      | 220                                       |
| 9841   | 3333 String Switch Attachment                            | No charge                 | No charge                 | No charge                                 |
| 9845   | 32-Drive Expansion (2150 is prerequisite)                | No charge                 | No charge                 | No charge                                 |
| 3210   | Console Printer-Keyboard; 15 char/sec:                   |                           |                           |   |
|  | Model 1; for local use                                   | 5,710                     | 86.00                     | 178                                       |
|  | Model 2; for remote use                                  | 5,870                     | 91.00                     | 183                                       |
| 3215   | Console Printer-Keyboard; 85 char/sec                    | 8,160                     | 56.00                     | 204                                       |
| For 3155 Processing Unit (Model 155):              |  |                           |                           |   |
| 1433   | Third Block Multiplexer Channel                          | 14,400                    | 12.00                     | 413                                       |
| 1434   | Fourth Block Multiplexer Channel                         | 13,400                    | 10.00                     | 385                                       |
| 1435   | Fifth Block Multiplexer Channel                          | 6,740                     | 5.00                      | 192                                       |
| 1850   | Channel-to-Channel Adapter                               | 13,400                    | 8.00                      | 385                                       |
| 3274   | Direct Control   | 3,300                     | 4.00                      | 110                                       |
| 3700   | Extended Precision Floating Point                        | 9,250                     | 16.25                     | 192                                       |
| 3950   | IBM 1401/1440/1460/1410/7010 Compatibility               | 17,600                    | 16.25                     | 440                                       |
| 4990   | Second Byte Multiplexer Channel                          | 14,400                    | 12.00                     | 413                                       |
| 5450   | OS/DOS Compatibility                                     | 11,000                    | 16.25                     | 275                                       |
| 7117   | 7070/7074 Compatibility                                  | 47,500                    | 61.00                     | 989                                       |
| 7844   | Adapter for 3210 1 Printer-Keyboard                      | 7,930                     | 8.00                      | 165                                       |
| 7845   | Adapter for 3210 2 Printer-Keyboard                      | 8,960                     | 8.00                      | 186                                       |
| 7855   | Adapter for 3215 Printer-Keyboard                        | 10,500                    | 8.00                      | 220                                       |
| 3210   | Console Printer-Keyboard; 15 char/sec:                   |                           |                           |   |
|  | Model 1; for local use                                   | 5,710                     | 86.00                     | 178                                       |
|  | Model 2; for remote use                                  | 5,870                     | 91.00                     | 183                                       |
| 3215   | Console Printer-Keyboard; 85 char/sec                    | 8,160                     | 56.00                     | 204                                       |
| For 3158 Processing Unit (Model 158):              |  |                           |                           |   |
| 1433   | Third Block Multiplexer Channel                          | 14,400                    | 12.00                     | 413                                       |
| 1434   | Fourth Block Multiplexer Channel                         | 13,400                    | 10.00                     | 385                                       |
| 1435   | Fifth Block Multiplexer Channel                          | 6,740                     | 5.00                      | 192                                       |
| 1850   | Channel-to-Channel Adapter                               | 13,400                    | 8.00                      | 385                                       |
| 2150   | Control Store Extension (prerequisite for 9845)          | 29,300                    | 20.25                     | 612                                       |
| 3274   | Direct Control   | 3,300                     | 4.00                      | 110                                       |
| 3700   | Extended Precision Floating Point                        | No charge                 | No charge                 | No charge                                 |
| 3950   | IBM 1401/1440/1460/1410/7010 Compatibility               | No charge                 | No charge                 | No charge                                 |
| 4650   | Integrated Storage Controls (for 3330 Series)            | 108,000                   | 219.00                    | 2,240                                     |
| 4990   | Second Byte Multiplexer Channel                          | 14,400                    | 12.00                     | 413                                       |
| 5450   | OS/DOS Compatibility                                     | No charge                 | No charge                 | No charge                                 |
| 7117   | 7070/7074 Compatibility                                  | No charge                 | No charge                 | No charge                                 |
| 7840   | 3213 Console Printer Attachment                          | 4,940                     | 1.00                      | 102                                       |
| 7905   | Two-Channel Switch for Integrated Storage Control        | 19,800                    | 20.25                     | 408                                       |
| 9841   | 3333 String Switch Attachment                            | No charge                 | No charge                 | No charge                                 |
| 9845   | 32-Drive Expansion (2150 is prerequisite)                | No charge                 | No charge                 | No charge                                 |
| 3213   | Console Printer; 85 char/sec                             | 6,930                     | 74.00                     | 214                                       |
| For 3165 Processing Unit (Model 165):              |  |                           |                           |   |
| 1432   | Buffer Expansion (to 16K bytes)                          | 74,200                    | 56.00                     | 1,550                                     |
| 3850   | Extended Channels  | 23,700                    | 71.00                     | 494                                       |
| 4520   | High-Speed Multiply                                      | 130,000                   | 112.00                    | 2,710                                     |
| 7117   | IBM 7070/7074 Compatibility                              | 135,000                   | 168.00                    | 2,820                                     |
| 7118   | IBM 7080 Compatibility                                   | 135,000                   | 168.00                    | 2,820                                     |
| 7119   | IBM 709/7090/7094/7094 II Compatibility                  | 135,000                   | 168.00                    | 2,820                                     |
| For 3168 Processing Unit (Model 168):              |  |                           |                           |   |
| 1435   | Buffer Expansion (to 16K bytes)                          | 74,200                    | 56.00                     | 1,550                                     |
| 2150   | Control Store Extension (prerequisite for 9845)          | 29,300                    | 20.25                     | 612                                       |
| 3855   | Extended Channels  | 23,700                    | 71.00                     | 494                                       |
| 4525   | High-Speed Multiply                                      | 130,000                   | 112.00                    | 2,710                                     |
| 4650   | Integrated Storage Controls (for 3330 Series)            | 108,000                   | 219.00                    | 2,240                                     |
| 7127   | IBM 7070/7074 Compatibility                              | 135,000                   | 168.00                    | 2,820                                     |
| 7128   | IBM 7080 Compatibility                                   | 135,000                   | 168.00                    | 2,820                                     |
| 7129   | IBM 709/7090/7094/7094 II Compatibility                  | 135,000                   | 168.00                    | 2,820                                     |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

## IBM System/370 EQUIPMENT PRICES

|  |  | <u>Purchase Price</u> | <u>Monthly Maint.</u> | <u>Rental (short-term lease)*</u> |                                 |                                 |
|--|--|-----------------------|-----------------------|-----------------------------------|---------------------------------|---------------------------------|
| <b>PROCESSOR FEATURES AND CHANNELS (Continued)</b> |  |                       |                       |                                   |                                 |                                 |
| 7905   | Two-Channel Switch for Integrated Storage Control  | 19,800                | 20.25                 | 408                               |                                 |                                 |
| 9841   | 3333 String Switch Attachment  | No charge             | No charge             | No charge                         |                                 |                                 |
| 9845   | 32-Drive Expansion (2150 (is prerequisite))  | No charge             | No charge             | No charge                         |                                 |                                 |
| for 3195 Processing Unit (Model 195):              |  |                       |                       |                                   |                                 |                                 |
| 3851   | Extended Channels  | 14,300                | 2.00                  | 306                               |                                 |                                 |
| 2860   | Selector Channel (for Models 165-195):   |                       |                       |                                   |                                 |                                 |
|  | Mod. 1; one channel  | 99,800                | 56.00                 | 2,140                             |                                 |                                 |
|  | Mod. 2; two channels   | 142,000               | 91.00                 | 3,050                             |                                 |                                 |
|  | Mod. 3; three channels   | 184,000               | 127.00                | 3,970                             |                                 |                                 |
| 1850   | Channel-to-Channel Adapter (for 2860)<br>Channel Indirect Data Addressing (required on 2860 for operation in Extended Control mode): | 9,640                 | 3.75                  | 229                               |                                 |                                 |
| 1861   | For 2860 Model 1   | 7,120                 | 2.00                  | 153                               |                                 |                                 |
| 1862   | For 2860 Model 2   | 14,200                | 3.00                  | 306                               |                                 |                                 |
| 1863   | For 2860 Model 3   | 21,300                | 5.00                  | 459                               |                                 |                                 |
| 2870   | Byte Multiplexer Channel (for Models 165-195)  | 105,000               | 98.00                 | 2,230                             |                                 |                                 |
| 6990   | Selector Subchannel—First (for 2870)   | 17,700                | 15.25                 | 408                               |                                 |                                 |
| 6991   | Selector Subchannel—Second (for 2870)  | 10,700                | 10.00                 | 255                               |                                 |                                 |
| 6992   | Selector Subchannel—Third (for 2870)   | 10,700                | 10.00                 | 255                               |                                 |                                 |
| 6993   | Selector Subchannel—Fourth (for 2870)  | 10,700                | 10.00                 | 255                               |                                 |                                 |
| 1861   | Channel Indirect Data Addressing (required on 2870 for operation in Extended Control mode):  | 9,610                 | 2.00                  | 204                               |                                 |                                 |
| 2880   | Block Multiplexer Channel (for Models 165-195):  |                       |                       |                                   |                                 |                                 |
|  | Mod. 1; one channel  | 155,000               | 346.00                | 3,300                             |                                 |                                 |
|  | Mod. 2; two channels   | 222,000               | 459.00                | 4,730                             |                                 |                                 |
|  | Channel Indirect Data Addressing (required on 2880 for operation in Extended Control mode):  |                       |                       |                                   |                                 |                                 |
| 1861   | For 2880 Model 1   | 7,190                 | 1.00                  | 153                               |                                 |                                 |
| 1862   | For 2880 Model 2   | 14,300                | 2.00                  | 306                               |                                 |                                 |
|  | Two-Byte Interface (required on 2880 for attachment of 2305 Model 1 Fixed-Head Storage):   |                       |                       |                                   |                                 |                                 |
| 7850   | For 2880 Model 1 or first Channel of Model 2   | 18,100                | 6.00                  | 385                               |                                 |                                 |
| 7851   | For second channel of 2880 Model 2   | 18,100                | 6.00                  | 385                               |                                 |                                 |
|  |  | <u>Purchase Price</u> | <u>Monthly Maint.</u> | <u>Rental (short-term lease)*</u> | <u>Rental (12-month lease)*</u> | <u>Rental (24-month lease)*</u> |
| <b>MASS STORAGE</b>                                |  |                       |                       |                                   |                                 |                                 |
| 2305   | Fixed-Head Storage Facility:   |                       |                       |                                   |                                 |                                 |
|  | Mod. 1; 5.4 million bytes  | 199,000               | 504.00                | 4,990                             | 4,591                           | 4,192                           |
|  | Mod. 2; 11.2 million bytes   | 158,000               | 479.00                | 3,970                             | 3,652                           | 3,335                           |
| 2835   | Storage Control:   |                       |                       |                                   |                                 |                                 |
|  | Mod. 1; for 2305 Mod. 1  | 122,000               | 453.00                | 3,060                             | 2,815                           | 2,570                           |
|  | Mod. 2; for 2305 Mod. 2  | 101,000               | 387.00                | 2,550                             | 2,346                           | 2,142                           |
| 2319   | Disk Storage (each unit has 3 disk drives and stores a total of 87 million bytes):   |                       |                       |                                   |                                 |                                 |
|  | Model A1; 3 drives and control, for connection to Model 135 or 145 IFA   | 39,000                | 214.00                | 1,019                             | 937                             | 856                             |
|  | Model A2; 3 additional drives for Model 145  | 39,000                | 214.00                | 1,019                             | 937                             | 856                             |
|  | Model A3; 3 additional drives for Model 135  | 39,200                | 224.00                | 1,070                             | 984                             | 899                             |
|  | Model B1; 3 drives and control, for connection to 2314-B1 Storage Control  | 39,000                | 214.00                | 1,019                             | 937                             | 856                             |
|  | Model B2; 3 additional drives for connection to 2314-B1 Storage Control  | 39,000                | 214.00                | 1,019                             | 937                             | 856                             |
| 2314   | Storage Control, Model B1  | 57,900                | 61.00                 | 1,500                             | 1,380                           | 1,260                           |
| 2312   | Disk Storage; 1 drive, 29 million bytes  | 20,800                | 76.00                 | 544                               | 500                             | 457                             |
| 2313   | Disk Storage; 4 drives, 116 million bytes  | 68,300                | 244.00                | 1,770                             | 1,628                           | 1,487                           |
| 2318   | Disk Storage; 2 drives, 58 million bytes   | 36,000                | 137.00                | 937                               | 862                             | 787                             |
| 3330   | Disk Storage:  |                       |                       |                                   |                                 |                                 |
|  | Model 1; 2 drives, 200 million bytes   | 52,900                | 173.00                | 1,320                             | 1,214                           | 1,109**                         |
|  | Model 2; 1 drive, 100 million bytes  | 31,600                | 102.00                | 784                               | —                               | 667**                           |
|  | Model 11; 2 drives, 400 million bytes  | 75,400                | 173.00                | 1,880                             | —                               | 1,579**                         |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.  
\*\* Extended-Term Plan (other 12-month and 24-month lease prices are for Fixed-Term Plan).

## IBM System/370 EQUIPMENT PRICES

|  |   | <u>Purchase<br/>Price</u> | <u>Monthly<br/>Maint.</u> | <u>Rental<br/>(short-term<br/>lease)*</u> | <u>Rental<br/>(12-month<br/>lease)*</u> | <u>Rental<br/>(24-month<br/>lease)*</u> |
|--|---|---------------------------|---------------------------|---|---|---|
| <b>MASS STORAGE (Continued)</b>            |   |                           |                           |   |   |   |
| 3333                                       | Disk Storage and Control (up to three 3330 modules can be attached):  |                           |                           |   |   |   |
|  | Model I; 2 drives, 200 million bytes  | 82,600                    | 117.00                    | 2,060                                     | 1,895                                   | 1,730**                                 |
|  | Model II; 2 drives, 400 million bytes   | 88,700                    | 204.00                    | 2,207                                     | —                                       | 1,878**                                 |
| 3830                                       | Storage Control, Model 2 (controls up to four 3333's and twelve 3330's)   | 82,600                    | 117.00                    | 2,060                                     | 1,895                                   | 1,730**                                 |
| 2150                                       | Control Store Extension (for 3830; prerequisite for 9845)   | 19,100                    | 10.00                     | 478                                       | 440                                     | 402**                                   |
| 8151                                       | 3333 String Switch Attachment (for 3830)  | No charge                 | No charge                 | No charge                                 | —                                       | —                                       |
| 9845                                       | 32-Drive Expansion (for 3830)   | No charge                 | No charge                 | No charge                                 | —                                       | —                                       |
| 8170                                       | Two-Channel Switch (for 3830)   | 8,140                     | 10.00                     | 203                                       | 187                                     | 171                                     |
| 8171                                       | Two-Channel Switch, Additional (for 3830)   | 8,140                     | 10.00                     | 203                                       | 187                                     | 171                                     |
| 3336                                       | Disk Pack, Model I  | 1,000                     | —                         | —   | —                                       | —                                       |
| 3336                                       | Disk Pack, Model II   | 1,500                     | —                         | —   | —                                       | —                                       |
| <b>3340 DIRECT ACCESS STORAGE FACILITY</b> |   |                           |                           |   |   |   |
| 3340                                       | Model A2; Two drives plus control   | 40,000                    | 74.00                     | 999                                       | —                                       | 850**                                   |
| 3340                                       | Model B1; One drive   | 22,000                    | 40.00                     | 558                                       | —                                       | 475**                                   |
| 3340                                       | Model B2; Two drives  | 28,000                    | 64.00                     | 705                                       | —                                       | 600**                                   |
| 6201                                       | Rotational Position Sensing (for 3340 B1)   | 760                       | 0.50                      | 19  | —                                       | 16**                                    |
| 6202                                       | Rotational Position Sensing (for 3340 A2 or B2)   | 960                       | 0.50                      | 24  | —                                       | 20**                                    |
| 6148                                       | Remote String Attachment  | No charge                 | No charge                 | No charge                                 | —                                       | —                                       |
| 9315                                       | 3333/3340 Intermix  | No charge                 | No charge                 | No charge                                 | —                                       | —                                       |
| 9845                                       | 32 Drive Expansion**  | No charge                 | No charge                 | No charge                                 | —                                       | —                                       |
| 8150                                       | String Switch   | 8,000                     | 10.00                     | 200                                       | —                                       | 170**                                   |
| 3348                                       | Data Module (for 3340 drives):  |                           |                           |   |   |   |
|  | Model 35; 34,944,768 bytes  | 1,600                     | Time & mat'l.             | 59  | —                                       | 50**                                    |
|  | Model 70; 69,889,536 bytes  | 2,200                     | Time & mat'l.             | 82  | —                                       | 70**                                    |
| NOTE:                                      | The older IBM 2301, 2303, 2311, 2314-A, and 2321 mass storage devices can also be used in a System/370; for details and prices, please refer to the IBM System/360 report (70C-491-03). |                           |                           |   |   |   |
| <b>MAGNETIC TAPE INPUT/OUTPUT</b>          |   |                           |                           |   |   |   |
| 2803                                       | Tape Control (single-channel; for 2401 or 2420):  |                           |                           |   |   |   |
|  | Mod. 1; for 800 bpi drives  | 26,500                    | 2025                      | 662                                       | 609                                     | 556                                     |
|  | Mod 2; for 1600 bpi drives  | 32,700                    | 25.50                     | 800                                       | 750                                     | 685                                     |
|  | Mod 3; for 7-track 2401 Model 8 drives  | 15,600                    | 30.50                     | 458                                       | 421                                     | 385                                     |
| 5320                                       | Nine-Track Compatibility (for 2803 Mod. 2)  | 9,010                     | 28.50                     | 233                                       | 214                                     | 196                                     |
| 7135                                       | Seven- and Nine-Track Compatibility (for 2803 Mod. 2)   | 14,600                    | 47.75                     | 382                                       | 351                                     | 321                                     |
| 7185                                       | 16-Drive Addressing (for 2803 Mod. 1 or 2)  | 1,000                     | 0.75                      | 25  | 23                                      | 21                                      |
| 7900                                       | 2420 Model 5/7 Attachment (for 2803 Mod. 2)   | 13,800                    | 10.00                     | 346                                       | 318                                     | 291                                     |
| 8100                                       | Two-Channel Switch (for 2803 Mod. 1)  | 3,420                     | 4.00                      | 101                                       | 93                                      | 85                                      |
| 2804                                       | Tape Control (two-channel; for 2401):   |                           |                           |   |   |   |
|  | Mod. 1; for 800 bpi drives  | 38,000                    | 35.50                     | 948                                       | 872                                     | 796                                     |
|  | Mod. 2; for 1600 bpi drives   | 44,200                    | 40.75                     | 1,100                                     | 1,012                                   | 924                                     |
|  | Mod. 3; for 7-Track 2401 Model 8 drives   | 21,600                    | 45.75                     | 637                                       | 586                                     | 535                                     |
| 5321                                       | Nine-Track Compatibility (for 2804 Mod. 2)  | 10,900                    | 22.25                     | 283                                       | 260                                     | 238                                     |
| 7136                                       | Seven- and Nine-Track Compatibility (for 2804 Mod. 2)   | 17,600                    | 43.75                     | 458                                       | 421                                     | 385                                     |
| 2401                                       | Magnetic Tape Unit:   |                           |                           |   |   |   |
|  | Mod. 1; 30,000 bytes/sec; 800 bpi   | 13,100                    | 67.00                     | 341                                       | 314                                     | 286                                     |
|  | Mod. 2; 60,000 bytes/sec; 800 bpi   | 19,000                    | 76.00                     | 494                                       | 454                                     | 415                                     |
|  | Mod. 3; 90,000 bytes/sec; 800 bpi   | 30,800                    | 93.00                     | 800                                       | 736                                     | 672                                     |
|  | Mod. 4; 60,000 bytes/sec; 1600 bpi  | 15,000                    | 80.00                     | 392                                       | 361                                     | 329                                     |
|  | Mod. 5; 120,000 bytes/sec; 1600 bpi   | 21,000                    | 89.00                     | 545                                       | 501                                     | 458                                     |
|  | Mod. 6; 180,000 bytes/sec; 1600 bpi   | 32,800                    | 107.00                    | 851                                       | 783                                     | 715                                     |
|  | Mod. 8; 15,000/41,700/60,000 char/sec; 7-track  | 13,800                    | 92.00                     | 407                                       | 374                                     | 342                                     |
| 3471                                       | Dual Density (for 2401 Mod. 4, 5, or 6)   | 1,000                     | 1.75                      | 25  | 23                                      | 21                                      |
| 5121                                       | Mode Compatibility (for 2401 Mod. 1, 2, or 3)   | 387                       | No charge                 | 10  | 9                                       | 8                                       |
| 7160                                       | Simultaneous Read-While-Write (for any 2401)  | 387                       | No charge                 | 10  | 9                                       | 8                                       |
| 2420                                       | Magnetic Tape Unit:   |                           |                           |   |   |   |
|  | Mod. 5; 160,000 bytes/sec; 1600 bpi   | 25,300                    | 112.00                    | 576                                       | 530                                     | 484                                     |
|  | Mod. 7; 320,000 bytes/sec; 1600 bpi   | 45,900                    | 122.00                    | 1,039                                     | 956                                     | 873                                     |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

\*\*Extended-Term Plan (other 12-month and 24-month lease prices are for Fixed-Term Plan).

## IBM System/370 EQUIPMENT PRICES

|   |   | Purchase<br>Price | Monthly<br>Maint. | Rental<br>(short-term<br>lease)* | Rental<br>(12 month<br>lease)* | Rental<br>(24-month<br>lease)* |
|---|---|-------------------|-------------------|----------------------------------|--------------------------------|--------------------------------|
| <b>MAGNETIC TAPE INPUT/OUTPUT (Continued)</b> |   |                   |                   |                                  |                                |                                |
| 2816  | Magnetic Tape Switching Unit  | 21,600            | 4.00              | 561                              | 516                            | 471                            |
| 2415  | Magnetic Tape Unit and Control:   |                   |                   |                                  |                                |                                |
|   | Mod. 1; 2 tape drives; 800 bpi  | 29,900            | 110.00            | 764                              | 703                            | 642                            |
|   | Mod. 2; 4 tape drives; 800 bpi  | 47,800            | 197.00            | 1,220                            | 1,122                          | 1,025                          |
|   | Mod. 3; 6 tape drives; 800 bpi  | 65,700            | 285.00            | 1,680                            | 1,546                          | 1,411                          |
|   | Mod. 4; 2 tape drives; 800/1600 bpi   | 36,300            | 126.00            | 923                              | 849                            | 775                            |
|   | Mod. 5; 4 tape drives; 800/1600 bpi   | 58,300            | 225.00            | 1,480                            | 1,362                          | 1,243                          |
|   | Mod. 6; 6 tape drives; 800/1600 bpi   | 80,300            | 324.00            | 2,040                            | 1,877                          | 1,714                          |
| 3228  | Data Conversion Feature (for 2415; either 7125, 7127, or 7135 is a prerequisite)            | 1,760             | 1.00              | 45                               | 41                             | 38                             |
| 5320  | Nine-Track Compatibility (for 2415 Mod. 4, 5, or 6)   | 5,290             | 10.00             | 137                              | 126                            | 115                            |
| 7125  | Seven-Track Compatibility (for 2415 Mod. 1, 2, or 3)  | 1,950             | 1.25              | 50                               | 46                             | 42                             |
| 7127  | Seven-Track Compatibility (for 2415 Mod. 4, 5, or 6)  | 3,710             | 3.50              | 96                               | 88                             | 81                             |
| 7135  | Seven- and Nine-Track Compatibility (for Mod. 4, 5, or 6)                                   | 6,060             | 13.50             | 157                              | 144                            | 132                            |
| 3410  | Magnetic Tape Unit:   |                   |                   |                                  |                                |                                |
|   | Model 1; 20 KB  | 7,850             | 45.75             | 188                              | 173                            | 158                            |
|   | Model 2; 40/20 KB   | 10,500            | 51.00             | 249                              | 229                            | 209                            |
|   | Model 3; 80/40 KB   | 13,000            | 56.00             | 311                              | 286                            | 261                            |
| 3411  | Magnetic Tape Unit and Control:   |                   |                   |                                  |                                |                                |
|   | Model 1; 20KB   | 17,300            | 71.00             | 412                              | 379                            | 346                            |
|   | Model 2; 40/20 KB   | 21,900            | 76.00             | 525                              | 483                            | 441                            |
|   | Model 3; 80/40 KB   | 26,700            | 81.00             | 637                              | 586                            | 535                            |
| 3211  | Single Density Feature (for 3410 & 3411)  | 2,550             | 7.50              | 55                               | 51                             | 46                             |
| 3221  | Dual Density Feature (for 3410 & 3411, Models 2 & 3 only)                                   | 3,670             | 27.50             | 81                               | 75                             | 68                             |
| 7360  | System/360/370 Attachment (required on 3411)  | 6,420             | 15.25             | 152                              | 140                            | 128                            |
| 3803  | Tape Control:   |                   |                   |                                  |                                |                                |
|   | Model 1; for 3420 Model 3, 5, and 7 drives  | 26,300            | 96.00             | 688                              | 633                            | 578**                          |
|   | Model 2; for 3420 Model 4, 6, and 8 drives  | 43,800            | 132.00            | 1,150                            | 1,058                          | 966**                          |
| 5310  | 9-Track NRZI Feature (permits connection of 800-bpi drives to 3803-2)                       | 3,920             | 1.50              | 101                              | 93                             | 85**                           |
| 6320  | 7-Track NRZI Feature (permits connection of 7-track drives to 3803-2; 5310 is prerequisite) | 1,930             | 1.50              | 50                               | 46                             | 42**                           |
| 7850  | 3803-2 Attachment for 2860 Selector Channel   | 1,040             | 1.00              | 22                               | —                              | —                              |
| 9570  | Single Density Feature (for 3803)   | No charge         | No charge         | No charge                        | No charge                      | No charge                      |
| 3551  | Dual Density Feature (for 3803)   | 2,920             | 3.00              | 76                               | 70                             | 64**                           |
| 6408  | 7-Track Feature (for 3803)  | 2,920             | 3.00              | 76                               | 70                             | 64**                           |
| 8100  | Two-Channel Switch (for 3803)   | 5,850             | 5.00              | 152                              | 140                            | 128**                          |
| 1792  | 2 x 16 Switching Feature  | 7,800             | 10.00             | 203                              | 187                            | 171**                          |
| 1793  | 3 x 16 Switching Feature  | 9,950             | 15.25             | 260                              | 239                            | 218**                          |
| 1794  | 4 x 16 Switching Feature  | 11,700            | 15.25             | 305                              | 281                            | 256**                          |
| 3420  | Magnetic Tape Units:  |                   |                   |                                  |                                |                                |
|   | Mod. 3; 120,000 bytes/sec at 1600 bpi   | 13,800            | 51.00             | 361                              | 332                            | 303**                          |
|   | Mod. 4; 470,000 bytes/sec at 6250 bpi   | 24,400            | 51.00             | 637                              | 586                            | 535**                          |
|   | Mod. 5; 200,000 bytes/sec at 1600 bpi   | 18,500            | 56.00             | 484                              | 445                            | 407**                          |
|   | Mod. 6; 780,000 bytes/sec at 6250 bpi   | 28,500            | 56.00             | 734                              | 675                            | 617**                          |
|   | Mod. 7; 320,000 bytes/sec at 1600 bpi   | 22,800            | 66.00             | 595                              | 547                            | 500**                          |
|   | Mod. 8; 1,250,000 bytes/sec at 6250 bpi   | 31,600            | 81.00             | 820                              | 754                            | 689**                          |
| 6420  | 6250 bpi Density Feature (for 3420)   | 2,550             | 25.00             | 65                               | 60                             | 55**                           |
| 6425  | 6250/1600 bpi Density Feature (for 3420)  | 3,510             | 30.00             | 90                               | 83                             | 76**                           |
| 6631  | Single Density Feature (for 3420)   | 3,320             | 15.25             | 86                               | 79                             | 72**                           |
| 3550  | Dual Density Feature (3420)   | 4,290             | 25.50             | 111                              | 102                            | 93**                           |
| 6407  | 7-Track Feature (for 3420)  | 3,320             | 25.50             | 86                               | 79                             | 72**                           |
| 2495  | Tape Cartridge Reader   | 19,000            | 158.00            | 346                              |                                |                                |
| <b>DISKETTE INPUT/OUTPUT</b>                  |   |                   |                   |                                  |                                |                                |
| 3540  | Diskette Input/Output Unit:   |                   |                   |                                  |                                |                                |
|   | Model B1; one drive   | 22,000            | 25.00             | 455                              | —                              | 535**                          |
|   | Model B2; two drives  | 33,500            | 35.00             | 805                              | —                              | 805**                          |
| <b>PUNCHED CARD I/O AND PRINTERS</b>          |   |                   |                   |                                  |                                |                                |
| 1442  | Card Read Punch (with control), Mod. N1; 400/91 cpm   | 25,900            | 82.00             | 520                              |                                |                                |
| 1442  | Card Punch (with control), Mod. N2; 91 cpm  | 18,500            | 72.00             | 372                              |                                |                                |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.  
 \*\* Extended-Term Plan (other 12-month and 24-month lease prices are for Fixed-Term Plan).



## IBM System/370 EQUIPMENT PRICES

|  |   | Purchase<br>Price | Monthly<br>Maint. | Rental<br>(short-term<br>lease)* | Rental<br>(12-month<br>lease)* | Rental<br>(24-month<br>lease)* |
|--|---|-------------------|-------------------|----------------------------------|--------------------------------|--------------------------------|
| <b>PUNCHED CARD I/O AND PRINTERS (Continued)</b> |   |                   |                   |                                  |                                |                                |
| 2501   | Card Reader (with control):   |                   |                   |                                  |                                |                                |
|  | Mod. B1; 600 cpm  | 14,800            | 52.00             | 265                              |                                |                                |
|  | Mod. B2; 1000 cpm   | 15,040            | 56.00             | 326                              |                                |                                |
| 2520   | Card Read Punch (with control), Mod. B1; 500 cpm  | 40,300            | 154.00            | 933                              |                                |                                |
| 2520   | Card Punch (with control):  |                   |                   |                                  |                                |                                |
|  | Mod. B2; 500 cpm  | 35,709            | 144.00            | 826                              |                                |                                |
|  | Mod. B3; 300 cpm  | 35,400            | 116.00            | 637                              |                                |                                |
| 2540   | Card Read Punch; 1000/300 cpm (requires 2821  | 33,500            | 126.00            | 724                              |                                |                                |
| 2560   | Multi-Function Card Machine, Model A1; reads 500<br>cpm, punches 160 col/sec (for Model 125 only) | 27,500            | 98.00             | 627                              |                                |                                |
|  | Card Print Feature for 2560 Model A1:   |                   |                   |                                  |                                |                                |
| 1575   | First Two Lines   | 5,990             | 14.25             | 137                              |                                |                                |
| 1576   | Second Two Lines  | 5,990             | 14.25             | 137                              |                                |                                |
| 1577   | Third Two Lines   | 5,990             | 14.25             | 137                              |                                |                                |
| 3504   | Card Reader (for Model 125 only):   |                   |                   |                                  |                                |                                |
|  | Model A1; 800 cpm   | 20,400            | 76.00             | 478                              | —                              | 407**                          |
|  | Model A2; 1200 cpm  | 21,400            | 102.00            | 579                              | —                              | 493**                          |
| 3921   | 51/80-Column Interchangeable Read Feed<br>(for 3504 Model A2 only)                                | 5,100             | 37.50             | 126                              | —                              | 107**                          |
| 5450   | Optical Mark Read Feature (for 3504)  | 8,100             | 35.50             | 186                              | —                              | 158**                          |
| 6555   | Selective Stacker Feature (for 3504)  | 2,290             | 7.00              | 49                               | —                              | 42**                           |
| 3505   | Card Reader:  |                   |                   |                                  |                                |                                |
|  | Model B1; 800 cpm   | 28,800            | 86.00             | 576                              |                                |                                |
|  | Model B2; 1200 cpm  | 29,800            | 117.00            | 683                              |                                |                                |
| 5450   | Optical Mark Read (for 3505)  | 8,100             | 55.50             | 188                              |                                |                                |
| 6122   | Read Column Eliminate (for 3505)  | No charge         | No charge         | No charge                        |                                |                                |
| 6555   | Selective Stacker (for 3505)  | 2,290             | 7.00              | 51                               |                                |                                |
| 8103   | 3505 Punch Adapter (for 3505)   | 5,100             | 3.50              | 102                              |                                |                                |
| 8105   | 3525 Read/Punch Adapter (for 3505)  | 5,610             | 4.00              | 127                              |                                |                                |
| 8101   | 3525 Multi-Line Print Control (for 3505)  | 3,060             | 4.00              | 61                               |                                |                                |
| 8107   | 3525 Two-Line Print Control (for 3505)  | 3,060             | 4.00              | 61                               |                                |                                |
| 3525   | Card Punch  |                   |                   |                                  |                                |                                |
|  | Model P1; 100 cpm   | 20,400            | 61.00             | 408                              |                                |                                |
|  | Model P2; 200 cpm   | 21,200            | 81.00             | 515                              |                                |                                |
|  | Model P3; 300 cpm   | 22,000            | 102.00            | 622                              |                                |                                |
| 1533   | Card Read Feature (for 3525)  | 6,120             | 15.25             | 123                              |                                |                                |
| 5272   | Multi-Line Card Print (for 3525)  | 14,500            | 84.00             | 357                              |                                |                                |
| 8338   | Two-Line Card Print (for 3525)  | 14,100            | 69.00             | 295                              |                                |                                |
| 2596   | Card Read Punch (for 96-column cards)   | 30,100            | 336.00            | 861                              |                                |                                |
| 1510   | Card Print Feature (for 2596)   | 5,350             | 53.00             | 153                              |                                |                                |
| 5425   | Multi-Function Card Unit (for Model 125 only):  |                   |                   |                                  |                                |                                |
|  | Model A1; reads 250 cpm, punches 60 cpm,<br>prints 60 cpm   | 18,300            | 153.00            | 579                              | —                              | 493**                          |
|  | Model A2; reads 500 cpm, punches 120 cpm,<br>prints 120 cpm                                       | 22,300            | 300.00            | 752                              | —                              | 640**                          |
| 2821   | Control Unit:   |                   |                   |                                  |                                |                                |
|  | Mod. 1 for one 2540 & one 1403  | 37,900            | 44.75             | 988                              | 909                            | 830                            |
|  | Mod. 2; for one 1403  | 23,500            | 34.50             | 612                              | 563                            | 514                            |
|  | Mod. 3; for two 1403's  | 46,900            | 70.00             | 1,220                            | 1,122                          | 1,025                          |
|  | Mod. 5; for one 2540 & two 1403's   | 61,400            | 79.00             | 1,590                            | 1,463                          | 1,336                          |
|  | Mod. 6; for one 2540 only   | 12,900            | 98.00             | 448                              | 412                            | 376                            |
| 3615   | 1100 lpm Printer Adapter (for 2821; required for<br>1403 Mod. 3 or N1)                            | 2,440             | 1.00              | 76                               | 69                             | 64                             |
| 7945   | Third Printer Control (for 2821 Mod. 3 or 5)  | 19,500            | 6.50              | 510                              | 469                            | 428                            |
| 8100   | Two-Channel Switch (for 2821)   | 8,550             | 8.00              | 203                              | 187                            | 171                            |
| 8637   | Universal Character Set Adapter (for 2821)  | 622               | 3.50              | 15                               | 14                             | 13                             |
| 1403   | Printer:  |                   |                   |                                  |                                |                                |
|  | Mod. 2; 600 lpm; 132 print positions  | 28,500            | 174.00            | 764                              | 703                            | 642                            |
|  | Mod. 7; 600 lpm; 120 print positions  | 27,400            | 135.00            | 672                              | 591                            | 539                            |
|  | Mod. N1; 1100 lpm; 132 print positions  | 34,600            | 200.00            | 892                              | 821                            | 749                            |
| 1416   | Interchangeable Train Cartridge (required for 1403<br>Mod. N1)                                    | 2,960             | Time & mat'ls.    | 97                               |                                |                                |
| 4740   | Interchangeable Chain Cartridge Adapter (for 1403<br>Mod. 2 or 7)                                 | 2,630             | No charge         | 74                               | 68                             | 62                             |
| 8640   | Universal Character Set Feature (for 1403 Mod. N1)  | 387               | 1.75              | 10                               | 9                              | 8                              |
| 8641   | Universal Character Set Feature (for 1403 Mod. 2)   | 387               | 1.75              | 10                               | 9                              | 8                              |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.  
 \*\* Extended-Term Plan (other 12-month and 24-month lease prices are for Fixed-Term Plan).

## IBM System/370 EQUIPMENT PRICES

|  |  | <u>Purchase<br/>Price</u> | <u>Monthly<br/>Maint.</u> | <u>Rental<br/>(short-term<br/>lease)*</u> | <u>Rental<br/>(12-month<br/>lease)*</u> | <u>Rental<br/>(24-month<br/>lease)*</u> |
|--|--|---------------------------|---------------------------|---|---|---|
| <b>PUNCHED CARD I/O AND PRINTERS (Continued)</b> |  |                           |                           |   |   |   |
| 1443   | Printer (with control), Mod. N1; 240 lpm                               | 37,200                    | 89.00                     | 866                                       | 797                                     | 727                                     |
| 3211   | Printer; 2000 lpm, 132 print positions                                 | 70,700                    | 372.00                    | 1,730                                     | 1,592                                   | 1,453                                   |
| 3216   | Interchangeable Train Cartridge (for 3211)                             | 11,700                    | 173.00                    | 357                                       |   |   |
| 5554   | 18 Additional Print Positions (for 3211)                               | 2,280                     | 8.00                      | 55  | 51                                      | 46                                      |
| 3811   | Control Unit (for 3211 Printer)  | 31,200                    | 117.00                    | 764                                       | 703                                     | 642                                     |
| 5553   | 18 Additional Print Positions (for 3811)                               | 836                       | 5.00                      | 20  | 18                                      | 17                                      |
| 3203   | Printer:   |                           |                           |   |   |   |
|  | Model 1; 600 lpm   | 38,000                    | 185.00                    | 940                                       | —                                       | 800**                                   |
|  | Model 2; 1200 lpm  | 49,000                    | 240.00                    | 1,234                                     | —                                       | 1,050**                                 |
| 1416   | Interchangeable Train Cartridge (required on 3203 Model 1 or 2)        | 2,910                     | Time & mat'ls.            | 97  |   |   |
| 4650   | Integrated 3203 Printer Attachment for Model 125 Processing Unit       | 7,500                     | 13.00                     | 155                                       |   |   |
| 5203   | Printer, Model 3   | 17,700                    | 129.00                    | 443                                       |   |   |
| 3475   | Dual Feed Carriage   | 3,960                     | 20.25                     | 80  |   |   |
| 4740   | Interchangeable Train Cartridge  | 2,960                     | 33.50                     | 112                                       |   |   |
| 5558   | 24 Additional Print Positions  | 1,620                     | 2.00                      | 54  |   |   |
| 5559   | 12 Additional Print Positions  | 810                       | NC                        | 26  |   |   |
| 5560   | 36 Additional Print Positions  | 2,420                     | 2.00                      | 80  |   |   |
| 4653   | Integrated 3203/5203 Printer Attachment for Model 115 Processing Unit  | 3,800                     | 7.00                      | 80  |   |   |
| 5213   | Printer, Model 1; optional Console Printer for Model 115 and Model 125 | 6,320                     | 48.75                     | 163                                       |   |   |
| 4692   | 5213 Attachment (for Model 115 and Model 125)                          | 4,850                     | 3.00                      | 100                                       |   |   |
| <b>PAPER TAPE INPUT/OUTPUT</b>                   |  |                           |                           |   |   |   |
| 2826   | Paper Tape Control, Mod. 1; for up to two 1017's and/or 1018's         | 14,600                    | 35.50                     | 280                                       |   |   |
| 5801   | Punch Adapter; for first 1018 on 2826 Mod. 1                           | 5,040                     | 9.00                      | 98  |   |   |
| 5802   | Punch Adapter; for second 1018 on 2826 Mod. 1                          | 4,300                     | 5.00                      | 83  |   |   |
| 6101   | Reader Adapter; for first 1017 on 2826 Mod. 1                          | 4,300                     | 8.00                      | 83  |   |   |
| 6102   | Reader Adapter; for second 1017 on 2826 Mod. 1                         | 3,530                     | 5.00                      | 69  |   |   |
| 1017   | Paper Tape Reader (120 char/sec):                                      |                           |                           |   |   |   |
|  | Mod. 1; reads strips only  | 2,370                     | 14.25                     | 49  |   |   |
|  | Mod. 2; reads strips or reels  | 3,630                     | 17.25                     | 74  |   |   |
| 1018   | Paper Tape Punch (120 char/sec)  | 5,500                     | 40.75                     | 123                                       |   |   |
| 2822   | Paper Tape Reader Control (for one 2671)                               | 9,590                     | 8.25                      | 214                                       |   |   |
| 2671   | Paper Tape Reader (1000 char/sec)                                      | 6,430                     | 21.25                     | 142                                       |   |   |
| <b>OPTICAL AND MAGNETIC READERS</b>              |  |                           |                           |   |   |   |
| 1287   | Optical Reader:  |                           |                           |   |   |   |
|  | Mod. 1; reads documents only   | 124,000                   | 816.00                    | 2,760                                     |   |   |
|  | Mod. 2; reads documents and journal tape                               | 142,000                   | 918.00                    | 3,160                                     |   |   |
|  | Mod. 3; reads documents only   | 187,000                   | 1,170.00                  | 4,250                                     |   |   |
|  | Mod. 4; reads documents and journal tape                               | 209,000                   | 1,220.00                  | 4,650                                     |   |   |
|  | Mod. 5; reads handprinted digits from documents only                   | 138,000                   | 1,180.00                  | 3,460                                     |   |   |
| 3945   | Farrington 7B Font (for 1287)  | 1,110                     | 1.00                      | 25  |   |   |
| 4470   | 1428 & USASCOCR Font (for 1287)  | 1,110                     | 1.00                      | 25  |   |   |
| 5300   | NCR Optical Type Font (for 1287)                                       | 4,450                     | 5.00                      | 98  |   |   |
| 5370   | Numeric Handwriting (for 1287)   | 35,600                    | 51.00                     | 790                                       |   |   |
| 5479   | Optical Mark Reading (for 1287)  | 4,450                     | 5.00                      | 98  |   |   |
| 1288   | Optical Page Reader  | 227,000                   | 1,240.00                  | 4,850                                     |   |   |
| 3850   | Expanded Symbol Set (for 1288)   | 3,110                     | 3.50                      | 69  |   |   |
| 5370   | Numeric Handwriting (for 1288)   | 53,400                    | 76.00                     | 989                                       |   |   |
| 5479   | Optical Mark Reading (for 1288)  | 5,240                     | 7.00                      | 98  |   |   |
| 6550   | Serial Numbering (for 1288)  | 12,700                    | 61.00                     | 295                                       |   |   |
| 3881   | Optical Mark Reader:   |                           |                           |   |   |   |
|  | Mod. 1; for on-line use with Model 135 or 145                          | 57,100                    | 142.00                    | 1,368                                     | —                                       | 1,164**                                 |
|  | Mod. 2; for off-line use with 3410                                     | 52,000                    | 112.00                    | 1,248                                     | —                                       | 1,062**                                 |
|  | Mod. 1 Magnetic Tape Unit  |                           |                           |   |   |   |

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\*\*Extended-Term Plan (other 12-month and 24-month lease prices are for Fixed-Term Plan).

## IBM System/370 EQUIPMENT PRICES

|   |   | Purchase<br>Price | Monthly<br>Maint. | Rental<br>(short-term<br>lease)* | Rental<br>(12-month<br>lease)* | Rental<br>(24-month<br>lease)* |
|---|---|-------------------|-------------------|----------------------------------|--------------------------------|--------------------------------|
| <b>OPTICAL AND MAGNETIC READERS (Continued)</b> |   |                   |                   |                                  |                                |                                |
| 1471  | BCD Read (for 3881)   | 2,390             | 1.50              | 56                               | —                              | 48**                           |
| 3450  | Document Counters (for 3881)  | 948               | 2.00              | 22                               | —                              | 19**                           |
| 3550  | Dual Density (for 3881 Mod. 2 only)   | 6,010             | 0.50              | 142                              | —                              | 121**                          |
| 3801  | Expanded Storage (for 3881)   | 2,390             | 0.50              | 56                               | —                              | 48**                           |
| 6451  | Serial Numbering (for 3881)   | 7,030             | 25.50             | 167                              | —                              | 142**                          |
| 3886  | Optical Character Reader:   |                   |                   |                                  |                                |                                |
|   | Model 1; on-line  | 92,800            | 484.00            | 2,357                            | —                              | 2,006**                        |
|   | Model 2; off-line   | 99,900            | 484.00            | 2,537                            | —                              | 2,159**                        |
| 3210  | Additional Data Storage (for 3886)  | 938               | 0.50              | 24                               | —                              | 20**                           |
| 4520  | Additional Hopper & Stacker Capacity (for 3886)   | 7,540             | 25.50             | 190                              | —                              | 162**                          |
| 4610  | Additional Instruction Storage (for 3886)   | 4,690             | 11.00             | 120                              | —                              | 102*                           |
| 4720  | Line Marking (for 3886)   | 5,200             | 11.00             | 130                              | —                              | 111**                          |
| 5340  | Numbering/Marking Adapter (for 3886)  | 1,420             | 0.50              | 35                               | —                              | 30**                           |
| 5360  | Numeric Handprinting (for 3886)   | 6,120             | 29.00             | 155                              | —                              | 132**                          |
| 6450  | Serial Numbering (for 3886)   | 7,540             | 25.50             | 190                              | —                              | 162**                          |
| 3890  | Document Processor:   |                   |                   |                                  |                                |                                |
|   | Model A1; 6 pockets   | 233,000           | 1,250.00          | 5,899                            | —                              | 5,020**                        |
|   | Model A2; 12 pockets  | 272,000           | 1,400.00          | 6,839                            | —                              | 5,820**                        |
|   | Model A3; 18 pockets  | 311,000           | 1,550.00          | 7,779                            | —                              | 6,620**                        |
|   | Model A4; 24 pockets  | 350,000           | 1,700.00          | 8,719                            | —                              | 7,420**                        |
|   | Model A5; 30 pockets  | 389,000           | 1,850.00          | 9,659                            | —                              | 8,220**                        |
|   | Model A6; 36 pockets  | 428,000           | 2,000.00          | 10,599                           | —                              | 9,020**                        |
| 4666  | Item Numbering/Endorsing (for 3890)   | 42,000            | 315.00            | 1,058                            | —                              | 900**                          |
| 6370  | System/370 Attachment (for 3890)  | 3,700             | 7.00              | 94                               | —                              | 80**                           |
| 1255  | Magnetic Character Reader:  |                   |                   |                                  |                                |                                |
|   | Mod. 1; 500 dpm, 6 stackers   | 39,400            | 214.00            | 821                              |                                |                                |
|   | Mod. 2; 750 dpm, 6 stackers   | 45,100            | 341.00            | 999                              |                                |                                |
|   | Mod. 3; 750 dpm, 12 stackers  | 61,400            | 448.00            | 1,320                            |                                |                                |
| 3215  | Dash Symbol Transmission (for 1255)   | 35                | No charge         | 50 (1-time)                      |                                |                                |
| 4380  | 51-Column Card Sorting (for 1255)   | 734               | No charge         | 15                               |                                |                                |
| 4520  | High-Order Zero & Blank Selection (for 1255<br>Mod. 3 only)   | 1,460             | 5.00              | 30                               |                                |                                |
| 7060  | Self-Checking Numbers (for 1255)  | 2,370             | 2.50              | 49                               |                                |                                |
| 6360  | System/360/370 Adapter (required on 1255)   | 22,000            | 31.50             | 459                              |                                |                                |
| 1259  | Magnetic Character Reader; 600 dpm  | 62,300            | 265.00            | 1,380                            |                                |                                |
| 1419  | Magnetic Character Reader; 1600 dpm   | 109,000           | 245.00            | 2,420                            |                                |                                |
| <b>GRAPHIC DISPLAYS</b>                         |   |                   |                   |                                  |                                |                                |
| 2250  | Display Unit:   |                   |                   |                                  |                                |                                |
|   | Mod. 1; connects directly to a channel  | 52,200            | 160.00            | 1,080                            |                                |                                |
|   | Mod. 3; requires 2840 Display Control   | 31,600            | 180.00            | 1,580                            |                                |                                |
| 1245  | Alphanumeric Keyboard (for 2250 Mod. 1 or 2)  | 3,550             | 4.00              | 74                               |                                |                                |
| 4785  | Light Pen (for 2250 Mod. 1 or 2)  | 4,740             | 11.00             | 98                               |                                |                                |
| 1001  | Absolute Vectors (for 2250 Mod. 2)  | 13,800            | 10.00             | 346                              |                                |                                |
| 1002  | Absolute Vectors and Control (for 2250 Mod. 1)  | 15,800            | 11.00             | 397                              |                                |                                |
| 1498  | Buffer; 4,096 bytes (for 2250 Mod. 1)   | 16,600            | 7.00              | 346                              |                                |                                |
| 1499  | Buffer; 8,192 bytes (for 2250 Mod. 1)   | 23,700            | 10.00             | 494                              |                                |                                |
| 1880  | Character Generator (for 2250 Mod. 1)   | 17,800            | 15.25             | 372                              |                                |                                |
| NOTE:   | Numerous IBM terminals can be connected to a System/370 in local and/or remote configurations. For details and prices, please see Reports 70D-491-02 through 70D-491-13 in the Peripherals section. |                   |                   |                                  |                                |                                |
| <b>AUDIO RESPONSE</b>                           |   |                   |                   |                                  |                                |                                |
| 7770  | Audio Response Unit (up to 4 lines)   | 56,900            | 39.25             | 1,180                            |                                |                                |
| 4677  | I/O Line Expander (for 7770; up to 4 more lines)  | 8,310             | 12.75             | 173                              |                                |                                |
| 4679  | I/O Line Panel (for 7770; one 4679 required for each 8 lines beyond the first 8)  | 3,550             | 2.00              | 74                               |                                |                                |
| 4668  | I/O Line Frame (for 7770; required for over 16 lines)   | 9,490             | 2.50              | 197                              |                                |                                |
| 8721  | Six Additional Vocabulary Words (for 7770)  | 4,740             | 2.50              | 98                               |                                |                                |
| <b>COMMUNICATION CONTROLS</b>                   |   |                   |                   |                                  |                                |                                |
| 2701  | Data Adapter Unit   | 9,310             | 15.25             | 204                              |                                |                                |
| 2702  | Transmission Control (for up to 15 lines)   | 39,100            | 46.75             | 867                              |                                |                                |

\*Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

\*\*Extended-Term Plan (other 12-month and 24-month lease prices are for Fixed-Term Plan).

## IBM System/370 EQUIPMENT PRICES

|   |  | Purchase<br>Price | Monthly<br>Maint. | Rental<br>(short-term<br>lease)* | Rental<br>(Extended<br>Term Plan)* |
|---|--|-------------------|-------------------|----------------------------------|------------------------------------|
| <b>3705 COMMUNICATIONS CONTROLLER (Continued)</b> |  |                   |                   |                                  |                                    |
| 4717  | Line Set, Type 1G (for 1 synchronous line at 19,200 or 50,000 bps via external modem)  | 3,170             | 7.50              | 76                               | 65                                 |
| 4702  | Line Interface Base, Type 2 (for attachment of up to 8 Type 2A line sets)  | 1,710             | 3.50              | 41                               | 35                                 |
| 4721  | Line Set, Type 2A (for 2 single-current telegraph lines)   | 1,210             | 5.00              | 29                               | 25                                 |
| 4703  | Line Interface Base, Type 3 (for attachment of up to 6 Type 3A and/or 3B line sets)  | 2,960             | 3.00              | 72                               | 61                                 |
| 4731  | Line Set, Type 3A (for 2 half-duplex, start/stop lines at up to 134.5 bps)   | 1,000             | 2.00              | 24                               | 20                                 |
| 4731  | Line Set, Type 3B (for 2 four wire start/stop lines at up to 134.5 bps)  | 1,000             | 2.00              | 24                               | 20                                 |
| 4704  | Line Interface Base, Type 4 (for attachment of up to 2 Type 4A, 4B, and/or 4C line sets)                                     | 1,960             | 4.00              | 47                               | 40                                 |
| 4741  | Line Set, Type 4A (for 2 half-duplex, start/stop lines at up to 600 bps)   | 1,710             | 4.50              | 41                               | 35                                 |
| 4742  | Line Set, Type 4B (for 2 half-duplex, leased start/stop lines at up to 600 bps)  | 1,710             | 6.00              | 41                               | 35                                 |
| 4743  | Line Set, Type 4C (for 2 four wire leased start/stop lines at up to 600 bps)   | 1,710             | 6.00              | 41                               | 35                                 |
| 8002  | Two Channel Switch (permits a #1541 or #1542 to be switched between 2 System/360 or 370 channels on same or different CPU's) | 2,460             | 3.50              | 60                               | 51                                 |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

## SOFTWARE PRICES

|  | Monthly Use Charge |        |        |        |        |                  |                  |
|--|--------------------|--------|--------|--------|--------|------------------|------------------|
|  | DOS                | DOS/VS | OS/MFT | OS/VS1 | OS/MVT | OS/VS2<br>Rel. 1 | OS/VS2<br>Rel. 2 |
| <b>PROGRAM PRODUCTS—SYSTEMS</b>  |                    |        |        |        |        |                  |                  |
| APL/360  | 275R               | —      | 400R   | —      | 400R   | —                | —                |
| Assembler H  | —                  | 229V   | 229R   | 229V   | 229R   | 229V             | 229V             |
| TSO Assembler Prompter   | —                  | —      | —      | —      | 30R    | 30V              | 30V              |
| ITF BASIC*   | 122R               | 122R   | 122R   | 122R   | 122R   | 122R             | 122R             |
| TSO ITF BASIC*   | —                  | —      | —      | —      | 122R   | 122V             | 122V             |
| Full ANS COBOL Version 3 Compiler and Library                              | 75R                | 75V    | 40R    | 40V    | 40R    | 40V              | 40V              |
| Full ANS COBOL Library Version 3   | 20R                | 20V    | —      | —      | —      | —                | —                |
| Full ANS COBOL Version 4 Compiler and Library                              | —                  | —      | 178R   | 178V   | 178R   | 178V             | 178V             |
| Full ANS COBOL Library Version 4   | —                  | —      | 60R    | 60V    | 60R    | 60V              | 60V              |
| TSO COBOL Prompter   | —                  | —      | —      | —      | 30R    | 30V              | 30V              |
| COBOL Interactive Debug (TSO)  | —                  | —      | —      | —      | 224R   | 224V             | 224V             |
| Subset ANS COBOL Compiler and Library                                      | 153R               | 153V   | —      | —      | —      | —                | —                |
| Customer Information and Control System (CICS) Entry                       | 204R               | 204V,R | —      | —      | —      | —                | —                |
| Full Customer Information and Control System (CICS) Version 2/Standard     | 510R               | 510V,R | 714R   | 714V,R | 714R   | 714V,R           | —                |
| Full Customer Information and Control System for Virtual Storage (CICS/VS) | —                  | 350V   | —      | 750V   | —      | 750V             | 750V             |
| FASTER LC  | 102R               | 102V   | —      | —      | —      | —                | —                |
| FASTER MT  | 290R               | 290V   | 459R   | 459V   | 459R   | 459V             | —                |
| FORTTRAN IV (G1) Compiler  | —                  | —      | 66R    | 66V    | 66R    | 66V              | 66V              |
| FORTTRAN IV (H Extended) Compiler  | —                  | —      | 265R   | 265V   | 265R   | 265V             | 265V             |
| FORTTRAN IV Library (Mod 1)  | —                  | —      | 66R    | 66V    | 66R    | 66V              | 66V              |
| FORTTRAN IV Library (Mod II)   | —                  | —      | 91R    | 91V    | 91R    | 91V              | 91V              |

\* Either ITF PL/1 or ITF BASIC as first language costs \$122/month; as a second language, the charge is \$61/month.

V: Program runs in virtual (paged) mode.

R: Program runs in virtual=real (nonpaged) mode.

NOTE: V,R indicates that a program can run in either mode; in this case, virtual execution is generally intended for testing and small-volume operational use where the benefits of virtual storage are more important than high-volume throughput.

## IBM System/370 EQUIPMENT PRICES

|   |   | Purchase<br>Price | Monthly<br>Maint. | Rental<br>(short-term<br>lease)* | Rental<br>(12-month<br>lease)* | Rental<br>(24-month<br>lease)* |
|---|---|-------------------|-------------------|----------------------------------|--------------------------------|--------------------------------|
| <b>OPTICAL AND MAGNETIC READERS (Continued)</b> |   |                   |                   |                                  |                                |                                |
| 1471  | BCD Read (for 3881)   | 2,390             | 1.50              | 56                               | —                              | 48**                           |
| 3450  | Document Counters (for 3881)                                | 948               | 2.00              | 22                               | —                              | 19**                           |
| 3550  | Dual Density (for 3881 Mod. 2 only)                         | 6,010             | 0.50              | 142                              | —                              | 121**                          |
| 3801  | Expanded Storage (for 3881)                                 | 2,390             | 0.50              | 56                               | —                              | 48**                           |
| 6451  | Serial Numbering (for 3881)                                 | 7,030             | 25.50             | 167                              | —                              | 142**                          |
| 3886  | Optical Character Reader:                                   |                   |                   |                                  |                                |                                |
|   | Model 1; on-line  | 92,800            | 484.00            | 2,357                            | —                              | 2,006**                        |
|   | Model 2; off-line   | 99,900            | 484.00            | 2,537                            | —                              | 2,159**                        |
| 3210  | Additional Data Storage (for 3886)                          | 938               | 0.50              | 24                               | —                              | 20**                           |
| 4520  | Additional Hopper & Stacker Capacity (for 3886)             | 7,540             | 25.50             | 190                              | —                              | 162**                          |
| 4610  | Additional Instruction Storage (for 3886)                   | 4,690             | 11.00             | 120                              | —                              | 102**                          |
| 4720  | Line Marking (for 3886)                                     | 5,200             | 11.00             | 130                              | —                              | 111**                          |
| 5340  | Numbering/Marking Adapter (for 3886)                        | 1,420             | 0.50              | 35                               | —                              | 30**                           |
| 5360  | Numeric Handprinting (for 3886)                             | 6,120             | 29.00             | 155                              | —                              | 132**                          |
| 6450  | Serial Numbering (for 3886)                                 | 7,540             | 25.50             | 190                              | —                              | 162**                          |
| 3890  | Document Processor:   |                   |                   |                                  |                                |                                |
|   | Model A1; 6 pockets   | 233,000           | 1,250.00          | 5,899                            | —                              | 5,020**                        |
|   | Model A2; 12 pockets  | 272,000           | 1,400.00          | 6,839                            | —                              | 5,820**                        |
|   | Model A3; 18 pockets  | 311,000           | 1,550.00          | 7,779                            | —                              | 6,620**                        |
|   | Model A4; 24 pockets  | 350,000           | 1,700.00          | 8,719                            | —                              | 7,420**                        |
|   | Model A5; 30 pockets  | 389,000           | 1,850.00          | 9,659                            | —                              | 8,220**                        |
|   | Model A6; 36 pockets  | 428,000           | 2,000.00          | 10,599                           | —                              | 9,020**                        |
| 4666  | Item Numbering/Endorsing (for 3890)                         | 42,000            | 315.00            | 1,058                            | —                              | 900**                          |
| 6370  | System/370 Attachment (for 3890)                            | 3,700             | 7.00              | 94                               | —                              | 80**                           |
| 1255  | Magnetic Character Reader:                                  |                   |                   |                                  |                                |                                |
|   | Mod. 1; 500 dpm, 6 stackers                                 | 39,400            | 214.00            | 821                              |                                |                                |
|   | Mod. 2; 750 dpm, 6 stackers                                 | 45,100            | 341.00            | 999                              |                                |                                |
|   | Mod. 3; 750 dpm, 12 stackers                                | 61,400            | 448.00            | 1,320                            |                                |                                |
| 3215  | Dash Symbol Transmission (for 1255)                         | 35                | No charge         | 50 (1-time)                      |                                |                                |
| 4380  | 51-Column Card Sorting (for 1255)                           | 734               | No charge         | 15                               |                                |                                |
| 4520  | High-Order Zero & Blank Selection (for 1255<br>Mod. 3 only) | 1,460             | 5.00              | 30                               |                                |                                |
| 7060  | Self-Checking Numbers (for 1255)                            | 2,370             | 2.50              | 49                               |                                |                                |
| 6360  | System/360/370 Adapter (required on 1255)                   | 22,000            | 31.50             | 459                              |                                |                                |
| 1259  | Magnetic Character Reader; 600 dpm                          | 62,300            | 265.00            | 1,380                            |                                |                                |
| 1419  | Magnetic Character Reader; 1600 dpm                         | 109,000           | 245.00            | 2,420                            |                                |                                |

### GRAPHIC DISPLAYS

|      |  |        |        |       |  |  |
|------|--|--------|--------|-------|--|--|
| 2250 | Display Unit:                                  |        |        |       |  |  |
|      | Mod. 1; connects directly to a channel         | 52,200 | 160.00 | 1,080 |  |  |
|      | Mod. 3; requires 2840 Display Control          | 31,600 | 180.00 | 1,580 |  |  |
| 1245 | Alphanumeric Keyboard (for 2250 Mod. 1 or 2)   | 3,550  | 4.00   | 74    |  |  |
| 4785 | Light Pen (for 2250 Mod. 1 or 2)               | 4,740  | 11.00  | 98    |  |  |
| 1001 | Absolute Vectors (for 2250 Mod. 2)             | 13,800 | 10.00  | 346   |  |  |
| 1002 | Absolute Vectors and Control (for 2250 Mod. 1) | 15,800 | 11.00  | 397   |  |  |
| 1498 | Buffer; 4,096 bytes (for 2250 Mod. 1)          | 16,600 | 7.00   | 346   |  |  |
| 1499 | Buffer; 8,192 bytes (for 2250 Mod. 1)          | 23,700 | 10.00  | 494   |  |  |
| 1880 | Character Generator (for 2250 Mod. 1)          | 17,800 | 15.25  | 372   |  |  |

NOTE: Numerous IBM terminals can be connected to a System/370 in local and/or remote configurations. For details and prices, please see Reports 70D-491-02 through 70D-491-13 in the Peripherals section.

### AUDIO RESPONSE

|      |  |        |       |       |  |  |
|------|--|--------|-------|-------|--|--|
| 7770 | Audio Response Unit (up to 4 lines)  | 56,900 | 39.25 | 1,180 |  |  |
| 4677 | I/O Line Expander (for 7770; up to 4 more lines)                                 | 8,310  | 12.75 | 173   |  |  |
| 4679 | I/O Line Panel (for 7770; one 4679 required for each 8 lines beyond the first 8) | 3,550  | 2.00  | 74    |  |  |
| 4668 | I/O Line Frame (for 7770; required for over 16 lines)                            | 9,490  | 2.50  | 197   |  |  |
| 8721 | Six Additional Vocabulary Words (for 7770)                                       | 4,740  | 2.50  | 98    |  |  |

### COMMUNICATION CONTROLS

|      |   |        |       |     |  |  |
|------|---|--------|-------|-----|--|--|
| 2701 | Data Adapter Unit                         | 9,310  | 15.25 | 204 |  |  |
| 2702 | Transmission Control (for up to 15 lines) | 39,100 | 46.75 | 867 |  |  |

\*Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.  
\*\*Extended-Term Plan (other 12-month and 24-month lease prices are for Fixed-Term Plan).

**IBM System/370  
EQUIPMENT PRICES**

|   |   | <u>Purchase Price</u> | <u>Monthly Maint.</u> | <u>Rental (short-term lease)*</u> | <u>Rental (12-month lease)*</u> | <u>Rental (24-month lease)*</u> |
|---|---|-----------------------|-----------------------|-----------------------------------|---------------------------------|---------------------------------|
| <b>COMMUNICATION CONTROLS (Continued)</b> |   |                       |                       |                                   |                                 |                                 |
| 7955                                      | 31-Line Expansion (for up to 16 more lines on 2702) | 4,510                 | 4.00                  | 102                               |                                 |                                 |
| 2703                                      | Transmission Control                                | 66,700                | 77.00                 | 1,470                             |                                 |                                 |
| 2711                                      | Line Adapter Unit                                   | 6,000                 | 23.25                 | 132                               |                                 |                                 |

NOTE: Please refer to Report 70D-491-30 for detailed pricing data on the 2701, 2702, and 2703 Transmission Controls.

|                                       |                           | <u>Purchase Price</u> | <u>Monthly Maint.</u> | <u>Rental (short-term lease)*</u> | <u>Rental (Extended Term Plan)*</u> |
|---------------------------------------|---------------------------|-----------------------|-----------------------|-----------------------------------|-------------------------------------|
| <b>3704 COMMUNICATIONS CONTROLLER</b> |                           |                       |                       |                                   |                                     |
| Model A1                              | 16K bytes, up to 32 lines | 26,000                | 115.00                | 646                               | 550                                 |
| Model A2                              | 32K bytes, up to 32 lines | 31,000                | 138.00                | 764                               | 650                                 |
| Model A3                              | 48K bytes, up to 32 lines | 36,000                | 161.00                | 881                               | 750                                 |
| Model A4                              | 64K bytes, up to 32 lines | 41,000                | 184.00                | 999                               | 850                                 |

**OPTIONS FOR 3704**

|      |  |       |       |     |     |
|------|--|-------|-------|-----|-----|
| 1541 | Channel Adapter, Type 1 (for communication with a System/360 or 370 byte multiplexer channel)  | 5,300 | 18.00 | 129 | 110 |
| 1641 | Communication Scanner, Type 1 (interface between line attachment features and central control unit; character assembly/disassembly is performed by the stored program)                           | 960   | 1.50  | 24  | 20  |
| 1642 | Communication Scanner, Type 2 (interface between line attachment features and central control unit; performs character assembly/disassembly and character buffering for each line automatically) | 4,800 | 5.00  | 118 | 100 |
| 3600 | Expansion Feature (required for Models A2, A3, and A4 or for Communication Scanner Type 2 or Model A1)   | 480   | .50   | 12  | 10  |
| 4650 | Business Machine Clock (provides clocking at 45.5 to 2400 bps, when not provided by modems)  | 480   | 1.00  | 12  | 10  |
| 4700 | Line Interface Base, Type A1 (for attachment of up to 2 Type 1G or 1J and/or up to 4 Type 1A, 1B, 1C, 1D, 1E, 1F or 1H line sets).   | 960   | 1.50  | 24  | 20  |
| 4711 | Line Set, Type 1A (for 2 start/stop lines at up to 1200 bps via external modems)   | 1,450 | 2.00  | 35  | 30  |
| 4712 | Line Set, Type 1B (for 1 start/stop duplex line at up to 1200 bps)   | 1,450 | 2.00  | 35  | 30  |
| 4713 | Line Set, Type 1C (for 2 half-duplex IBM start/stop terminals at up to 1200 bps via IBM-provided cables)   | 1,450 | 2.00  | 35  | 30  |
| 4714 | Line Set, Type 1D (for 2 start/stop or synchronous lines at up to 7200 bps via external modems)  | 3,850 | 6.50  | 94  | 80  |
| 4715 | Line Set, Type 1E (for attachment of 2 external Automatic Calling Units)   | 2,400 | 2.50  | 59  | 50  |
| 4716 | Line Set, Type 1F (for 2 half duplex IBM synchronous terminals at up to 2400 bps via IBM provided cables)  | 3,850 | 6.50  | 94  | 80  |
| 4717 | Line Set, Type 1G (for 1 synchronous line at 19,200 or 50,000 bps via external modem)  | 3,100 | 7.50  | 76  | 65  |
| 4718 | Line Set, Type 1H (for 1 synchronous line at up to 7200 bps via external modem.)   | 4,100 | 12.00 | 100 | 85  |
| 4702 | Line Interface Base, Type 2 (for attachment of up to 8 Type 2A line sets)  | 960   | 1.00  | 24  | 20  |
| 4719 | Line Set, Type 1J (for 1 start/stop or synchronous line at up to 50K bps via external modems)  | 3,350 | 1.00  | 24  | 20  |
| 4721 | Line Set, Type 2A (for 2 single-current telegraph lines)   | 2,400 | 5.00  | 59  | 50  |
| 4703 | Line Interface Base, Type 3 (for attachment of up to 6 Type 3A and/or 3B line sets)  | 2,900 | 3.00  | 71  | 60  |
| 4731 | Line Set, Type 3A (for 2 half duplex start/stop lines at up to 1345 bps)   | 1,950 | 2.00  | 47  | 40  |
| 4732 | Line Set, Type 3B (for 2 four-wire start/stop lines at up to 134 5 bps)  | 1,950 | 2.00  | 47  | 40  |
| 4704 | Line Interface Base Type 4 (for attachment of up to 2 Type 4A, 4B and/or 4C line sets)   | 1,950 | 4.00  | 47  | 40  |
| 4741 | Line Set, Type 4A (for 2 half duplex start/stop lines at up to 600 bps)  | 3,350 | 4.50  | 82  | 70  |
| 4742 | Line Set, Type 4B (for 2 half duplex leased start/stop lines at up to 600 bps)   | 3,350 | 6.00  | 82  | 70  |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

## IBM System/370 EQUIPMENT PRICES

|   |  | <u>Purchase<br/>Price</u> | <u>Monthly<br/>Maint.</u> | <u>Rental<br/>(short-term<br/>lease)*</u> | <u>Rental<br/>(Extended<br/>Term Plan)*</u> |
|---|--|---------------------------|---------------------------|---|---|
| <b>3704 COMMUNICATIONS CONTROLLER (Continued)</b> |  |                           |                           |   |   |
| 4743  | Line Set, Type 4C (for 2 four wire leased start/stop lines at up to 600 bps)   | 3,350                     | 6.00                      | 82  | 70  |
| 8002  | Two Channel Switch (permits a = 1541 or = 1542 to be switched between 2 System/360 or 370 channels on same or different CPU's)   | 2,400                     | 3.50                      | 59  | 50  |
| <b>3705 COMMUNICATIONS CONTROLLER</b>             |  |                           |                           |   |   |
| Model A1  | 16K bytes, up to 64 lines  | 48,000                    | 153.00                    | 1,168                                     | 994   |
| Model A2  | 48K bytes, up to 64 lines  | 68,900                    | 185.00                    | 1,687                                     | 1,428                                       |
| Model B1  | 16K bytes, up to 160 lines   | 63,600                    | 170.00                    | 1,547                                     | 1,317                                       |
| Model B2  | 48K bytes, up to 160 lines   | 84,500                    | 202.00                    | 2,057                                     | 1,751                                       |
| Model B3  | 80K bytes, up to 160 lines   | 105,400                   | 235.00                    | 2,566                                     | 2,184                                       |
| Model B4  | 112K bytes, up to 160 lines  | 126,300                   | 268.00                    | 3,076                                     | 2,618                                       |
| Model C1  | 16K bytes, up to 256 lines   | 79,200                    | 187.00                    | 1,938                                     | 1,649                                       |
| Model C2  | 48K bytes, up to 256 lines   | 100,100                   | 220.00                    | 2,446                                     | 2,082                                       |
| Model C3  | 80K bytes, up to 256 lines   | 121,000                   | 252.00                    | 2,956                                     | 2,516                                       |
| Model C4  | 112K bytes, up to 256 lines  | 141,900                   | 285.00                    | 3,465                                     | 2,949                                       |
| Model C5  | 144K bytes, up to 256 lines  | 162,800                   | 318.00                    | 3,964                                     | 3,374                                       |
| Model C6  | 176K bytes, up to 256 lines  | 183,700                   | 350.00                    | 4,474                                     | 3,808                                       |
| Model D1  | 16K bytes, up to 352 lines   | 94,800                    | 205.00                    | 2,317                                     | 1,972                                       |
| Model D2  | 48K bytes, up to 352 lines   | 115,700                   | 237.00                    | 2,826                                     | 2,405                                       |
| Model D3  | 80K bytes, up to 352 lines   | 136,600                   | 270.00                    | 3,336                                     | 2,839                                       |
| Model D4  | 112K bytes, up to 352 lines  | 157,500                   | 302.00                    | 3,845                                     | 3,272                                       |
| Model D5  | 144K bytes, up to 352 lines  | 178,400                   | 335.00                    | 4,355                                     | 3,706                                       |
| Model D6  | 176K bytes, up to 352 lines  | 199,300                   | 368.00                    | 4,863                                     | 4,139                                       |
| Model D7  | 208K bytes, up to 352 lines  | 220,200                   | 400.00                    | 5,373                                     | 4,573                                       |
| Model D8  | 240K bytes, up to 352 lines  | 241,100                   | 433.00                    | 5,882                                     | 5,006                                       |
| <b>OPTIONS FOR 3705</b>                           |  |                           |                           |   |   |
| 1301  | Attachment Base, Type 1 (for attachment of #1541 and/or #1641)   | 754                       | 0.50                      | 18  | 15  |
| 1302  | Attachment Base, Type 2 (for attachment of #1642)  | 754                       | 0.50                      | 18  | 15  |
| 1541  | Channel Adapter, Type 1 (for communication with a System/360 or 370 byte multiplexer channel)  | 4,180                     | 12.00                     | 101                                       | 86  |
| 1542  | Channel Adapter, Type 2 (for communication with a System/370 byte multiplexer, block multiplexer, or selector channel at up to 376 kilobytes/second)   | 7,610                     | 12.00                     | 184                                       | 157   |
| 1641  | Communication Scanner, Type 1 (interface between line attachment features and central control unit; character assembly/disassembly is performed by the stored program)                           | 2,210                     | 8.00                      | 53  | 45  |
| 1642  | Communication Scanner, Type 2 (interface between line attachment features and central control unit; performs character assembly/disassembly and character buffering for each line automatically) | 7,350                     | 12.00                     | 179                                       | 152   |
| 4650  | Business Machine Clock (provides clocking, at 45.5 to 2400 bps, when not provided by modems)   | 499                       | 1.00                      | 12  | 10  |
| 4701  | Line Interface Base, Type 1 (for attachment of up to 8 line sets, Types 1A through 1G in any combination)  | 1,710                     | 4.00                      | 41  | 35  |
| 4711  | Line Set, Type 1A (for 2 start/stop lines at up to 1200 bps via external modems)   | 754                       | 2.00                      | 18  | 15  |
| 4713  | Line Set, Type 1C (for 2 half-duplex IBM start/stop terminals at up to 1200 bps via IBM provided cables)   | 754                       | 2.00                      | 18  | 15  |
| 4714  | Line Set, Type 1D (for 2 start/stop or synchronous lines at up to 7200 bps via external modems)  | 2,460                     | 6.50                      | 60  | 51  |
| 4715  | Line Set, Type 1E (for attachment of 2 external Automatic Calling Units)   | 1,210                     | 2.50                      | 29  | 25  |
| 4716  | Line Set, Type 1F (for 2 half-duplex IBM synchronous terminals at up to 2400 bps via IBM-provided cables)  | 2,460                     | 6.50                      | 60  | 50  |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

## IBM System/370 EQUIPMENT PRICES

|   |  | <u>Purchase Price</u> | <u>Monthly Maint.</u> | <u>Rental (short-term lease)*</u> | <u>Rental (Extended Term Plan)*</u> |
|---|--|-----------------------|-----------------------|-----------------------------------|-------------------------------------|
| <b>3705 COMMUNICATIONS CONTROLLER (Continued)</b> |  |                       |                       |                                   |                                     |
| 4717  | Line Set, Type 1G (for 1 synchronous line at 19,200 or 50,000 bps via external modem)  | 3,170                 | 7.50                  | 76                                | 65                                  |
| 4702  | Line Interface Base, Type 2 (for attachment of up to 8 Type 2A line sets)  | 1,710                 | 3.50                  | 41                                | 35                                  |
| 4721  | Line Set, Type 2A (for 2 single-current telegraph lines)   | 1,210                 | 5.00                  | 29                                | 25                                  |
| 4703  | Line Interface Base, Type 3 (for attachment of up to 6 Type 3A and/or 3B line sets)  | 2,960                 | 3.00                  | 72                                | 61                                  |
| 4731  | Line Set, Type 3A (for 2 half-duplex, start/stop lines at up to 134.5 bps)   | 1,000                 | 2.00                  | 24                                | 20                                  |
| 4731  | Line Set, Type 3B (for 2 four wire start/stop lines at up to 134.5 bps)  | 1,000                 | 2.00                  | 24                                | 20                                  |
| 4704  | Line Interface Base, Type 4 (for attachment of up to 2 Type 4A, 4B, and/or 4C line sets)                                     | 1,960                 | 4.00                  | 47                                | 40                                  |
| 4741  | Line Set, Type 4A (for 2 half-duplex, start/stop lines at up to 600 bps)   | 1,710                 | 4.50                  | 41                                | 35                                  |
| 4742  | Line Set, Type 4B (for 2 half-duplex, leased start/stop lines at up to 600 bps)  | 1,710                 | 6.00                  | 41                                | 35                                  |
| 4743  | Line Set, Type 4C (for 2 four wire leased start/stop lines at up to 600 bps)   | 1,710                 | 6.00                  | 41                                | 35                                  |
| 8002  | Two Channel Switch (permits a #1541 or #1542 to be switched between 2 System/360 or 370 channels on same or different CPU's) | 2,460                 | 3.50                  | 60                                | 51                                  |

\* Rental prices include equipment maintenance; 12-month and 24-month leases permit unlimited usage at no additional cost.

## SOFTWARE PRICES

|  | Monthly Use Charge |               |               |               |               | <u>OS/VS2<br/>Rel. 1</u> | <u>OS/VS2<br/>Rel. 2</u> |
|--|--------------------|---------------|---------------|---------------|---------------|--------------------------|--------------------------|
|  | <u>DOS</u>         | <u>DOS/VS</u> | <u>OS/MFT</u> | <u>OS/VS1</u> | <u>OS/MVT</u> |                          |                          |
| <b>PROGRAM PRODUCTS—SYSTEMS</b>  |                    |               |               |               |               |                          |                          |
| APL/360  | 275R               | —             | 400R          | —             | 400R          | —                        | —                        |
| Assembler H  | —                  | 229V          | 229R          | 229V          | 229R          | 229V                     | 229V                     |
| TSO Assembler Prompter   | —                  | —             | —             | —             | 30R           | 30V                      | 30V                      |
| ITF BASIC*   | 122R               | 122R          | 122R          | 122R          | 122R          | 122R                     | 122R                     |
| TSO ITF BASIC*   | —                  | —             | —             | —             | 122R          | 122V                     | 122V                     |
| Full ANS COBOL Version 3 Compiler and Library                              | 75R                | 75V           | 40R           | 40V           | 40R           | 40V                      | 40V                      |
| Full ANS COBOL Library Version 3   | 20R                | 20V           | —             | —             | —             | —                        | —                        |
| Full ANS COBOL Version 4 Compiler and Library                              | —                  | —             | 178R          | 178V          | 178R          | 178V                     | 178V                     |
| Full ANS COBOL Library Version 4   | —                  | —             | 60R           | 60V           | 60R           | 60V                      | 60V                      |
| TSO COBOL Prompter   | —                  | —             | —             | —             | 30R           | 30V                      | 30V                      |
| COBOL Interactive Debug (TSO)  | —                  | —             | —             | —             | 224R          | 224V                     | 224V                     |
| Subset ANS COBOL Compiler and Library                                      | 153R               | 153V          | —             | —             | —             | —                        | —                        |
| Customer Information and Control System (CICS) Entry                       | 204R               | 204V,R        | —             | —             | —             | —                        | —                        |
| Full Customer Information and Control System (CICS) Version 2/Standard     | 510R               | 510V,R        | 714R          | 714V,R        | 714R          | 714V,R                   | —                        |
| Full Customer Information and Control System for Virtual Storage (CICS/VS) | —                  | 350V          | —             | 750V          | —             | 750V                     | 750V                     |
| FASTER LC  | 102R               | 102V          | —             | —             | —             | —                        | —                        |
| FASTER MT  | 290R               | 290V          | 459R          | 459V          | 459R          | 459V                     | —                        |
| FORTTRAN IV (G1) Compiler  | —                  | —             | 66R           | 66V           | 66R           | 66V                      | 66V                      |
| FORTTRAN IV (H Extended) Compiler  | —                  | —             | 265R          | 265V          | 265R          | 265V                     | 265V                     |
| FORTTRAN IV Library (Mod 1)  | —                  | —             | 66R           | 66V           | 66R           | 66V                      | 66V                      |
| FORTTRAN IV Library (Mod II)   | —                  | —             | 91R           | 91V           | 91R           | 91V                      | 91V                      |

\*Either ITF PL/1 or ITF BASIC as first language costs \$122/month; as a second language, the charge is \$61/month.

V: Program runs in virtual (paged) mode.

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## IBM System/370 SOFTWARE PRICES

### Monthly Use Charge

|  | <u>DOS</u> | <u>DOS/VS</u> | <u>OS/MFT</u> | <u>OS/VS1</u> | <u>OS/MVT</u> | <u>OS/VS2<br/>Rel. 1</u> | <u>OS/VS2<br/>Rel. 2</u> |
|--|------------|---------------|---------------|---------------|---------------|--------------------------|--------------------------|
| <b>PROGRAM PRODUCTS—SYSTEMS (Continued)</b>                |            |               |               |               |               |                          |                          |
| FORTRAN IV Library (ASCII)                                 | 51R        | 51V           | —             | —             | —             | —                        | —                        |
| TSO FORTRAN Prompter                                       | —          | —             | —             | —             | 30R           | 30V                      | 30V                      |
| Code and Go FORTRAN Compiler                               | —          | —             | 280R          | 280V          | 280R          | 280V                     | 280V                     |
| FORTRAN Interactive Debug                                  | —          | —             | —             | —             | 150R          | 150V                     | 150V                     |
| FORTRAN IV Library Option 1                                | 30R        | 30V           | —             | —             | —             | —                        | —                        |
| Generalized Information System (GIS)/2                     | —          | —             | 459-1503R     | 800-1700V     | 800-1700R     | 800-1700V                | 800-1700V                |
| GIS DL/1 Query Support Feature                             | —          | —             | 153R          | 153V          | 153R          | 153V                     | 153V                     |
| Information Management System (IMS) Version 2              | —          | —             | 561R          | 561R          | 561R          | 561V,R                   | —                        |
| IMS Data Communications Feature                            | —          | —             | 637R          | 637R          | 637R          | 637R                     | —                        |
| Information Management System for Virtual Storage (IMS/VS) | —          | —             | —             | 700V          | —             | 700V                     | 700V                     |
| IMS/VS Data Communications Feature                         | —          | —             | —             | 850V          | —             | 850V                     | 850V                     |
| IMS Interactive Query Facility (IQF)                       | —          | —             | 306R          | 306V          | 306R          | 306V                     | 306V                     |
| PL/1 Optimizing Compiler                                   | 185R       | 185V          | 185R          | 185V          | 185R          | 185V                     | 185V                     |
| PL/1 Optimizing Compiler and Libraries                     | 255R       | 255V          | 255R          | 255V          | 255R          | 255V                     | 255V                     |
| PL/1 Checkout Compiler                                     | —          | —             | 346R          | 346V          | 346R          | 346V                     | 346V                     |
| PL/1 Resident Library                                      | 40R        | 40V           | 40R           | 40V           | 40R           | 40V                      | 40V                      |
| PL/1 Transient Library                                     | 25R        | 25V           | 25R           | 25V           | 25R           | 25V                      | 25V                      |
| ITF PL/1*  | 122R       | 122V          | 122R          | 122R          | 122R          | 122R                     | 122R                     |
| TSO ITF PL/1*  | —          | —             | —             | —             | 122R          | 122V                     | 122V                     |
| RPG II   | 96R        | 96V           | —             | —             | —             | —                        | —                        |
| RPG II Auto Report Feature                                 | 30R        | 30V           | —             | —             | —             | —                        | —                        |
| Sort/Merge SM1   | 40R        | 40V           | 61R           | 61V           | 61R           | 61V                      | 61V                      |
| ASCII Magnetic Tape/Data Set Utilities                     | 102R       | 102V          | 102R          | 102V          | 102R          | 102V                     | 102V                     |
| TSO Data Utilities   | —          | —             | —             | —             | 147R          | 147V                     | 107V                     |
| 1288 Basic Unformatted Read System (BURS)                  | 51R        | 51V           | 51R           | 51V           | 51R           | 51V                      | —                        |
| VIDEO/370  | 214R       | 214R          | 214R          | 214R          | 214R          | 214R                     | 214R                     |
| <b>PROGRAM PRODUCTS—APPLICATIONS</b>                       |            |               |               |               |               |                          |                          |
| Fashion Reporter System                                    | 168R       | 168V          | —             | —             | —             | —                        | —                        |
| Consumer Goods System—Allocation                           | 153R       | 153V          | 153R          | 153V          | 153R          | 153V                     | —                        |
| Consumer Goods System—Forecasting                          | 204R       | 204V          | 204R          | 204V          | 204R          | 204V                     | —                        |
| Order Allocation System                                    | 127R       | —             | —             | —             | —             | —                        | —                        |
| Rigid Frame Selection Program                              | 25R        | —             | 25R           | —             | 25R           | —                        | —                        |
| Coursewriter III Version 3                                 | 204R       | 204V,R        | 280R          | 280V,R        | 280R          | 280V,R                   | 280V                     |
| Financial Terminal System                                  | 408R       | —             | —             | —             | —             | —                        | —                        |
| Brokerage Acct. System Elements                            | 816R       | —             | —             | —             | —             | —                        | —                        |
| Active Certificate Info.                                   | 306R       | —             | —             | —             | —             | —                        | —                        |
| Alpha Search Inquiry System                                | 204R       | 204V          | 204R          | 204V          | 204R          | 204V                     | 204V                     |
| Automatically Programmed Tool (APT)—BP                     | 153R       | —             | —             | —             | —             | —                        | —                        |
| Automatically Programmed Tool (APT)—IC                     | 306R       | —             | —             | —             | —             | —                        | —                        |
| Automatically Programmed Tool (APT)—AC                     | 510R       | —             | —             | —             | —             | —                        | —                        |
| Budgets and Plans Generator (BUDPLAN)                      | —          | —             | —             | 153V          | —             | 153V                     | 153V                     |
| Business Analysis/Basic                                    | 51R        | 51V           | 51R           | 51V           | 51R           | 51V                      | 51V                      |
| Law Enforcement Manpower Resource Allocation               | 357R       | —             | —             | —             | —             | —                        | —                        |
| Budget Accounting Information System (BASIS)               | 265R       | 265V          | —             | —             | —             | —                        | —                        |
| Basic Courts System  | 637R       | 637V          | —             | —             | —             | —                        | —                        |
| Medical Information System V2                              | 50R        | —             | —             | —             | —             | —                        | —                        |
| Shared Laboratory Info. System                             | 255R       | —             | —             | —             | —             | —                        | —                        |
| Text Processor Pagination/360                              | 459R       | 459R          | —             | —             | —             | —                        | —                        |
| Capacity Planning Infinite Loading**                       | 76R        | 76V           | 102R          | 102V          | 102R          | 102V                     | 102V                     |
| Capacity Planning Finite Loading**                         | 229R       | 229V          | 280R          | 280V          | 280R          | 280V                     | 280V                     |
| Requirements Planning Interface**                          | 25R        | 25V           | —             | —             | —             | —                        | —                        |
| Requirements Planning**                                    | —          | —             | 204R          | 204V          | 204R          | 204V                     | 204V                     |
| Inventory Control**  | —          | —             | 178R          | 178V          | 178R          | 178V                     | —                        |
| Data Base Organization & Maintenance Proc. (DBOMP)         | 102R       | 102V          | —             | —             | —             | —                        | —                        |
| Shop Floor Control**                                       | 102R       | 102V          | 158R          | 158V          | 158R          | 158V                     | 158V                     |
| Advanced Life Information System V2                        | 510R       | 510V          | —             | —             | —             | —                        | —                        |

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IBM System/370  
SOFTWARE PRICES

Monthly Use Charge

|   | <u>DOS</u> | <u>DOS/VS</u> | <u>OS/MFT</u> | <u>OS/VS1</u> | <u>OS/MVT</u> | <u>OS/VS2</u><br><u>Rel. 1</u> | <u>OS/VS2</u><br><u>Rel. 2</u> |
|---|------------|---------------|---------------|---------------|---------------|--------------------------------|--------------------------------|
| <b>PROGRAM PRODUCTS--APPLICATIONS (Continued)</b> |            |               |               |               |               |                                |                                |
| Consolidated Functions Ordinary (CFO) II          | 306R       | 306V          | 306R          | 306V          | 306R          | 306V                           | 306V                           |
| Property and Liability Info. Systems V2           | 306R       | 306V          | —             | —             | —             | —                              | —                              |
| PALIS Additional File Facility 2314               | 255R       | 255V          | —             | —             | —             | —                              | —                              |
| PALIS Automobile Enhancements                     | 229R       | 229V          | —             | —             | —             | —                              | —                              |
| PALIS Homeowner's Enhancements                    | 229R       | 229V          | —             | —             | —             | —                              | —                              |
| Fare Quote/Ticketing (PARS)                       | —          | —             | —             | —             | 8,660R        | —                              | —                              |
| Power System Planning (PSP)                       | —          | —             | 306R          | 306V          | 306R          | —                              | —                              |
| PSP Flow Output & Cap. Feature                    | —          | —             | 91R           | 91V           | 91V           | —                              | —                              |
| PSP Short Circuit Ro Feature                      | —          | —             | 76R           | 76V           | 76R           | —                              | —                              |
| Vehicle Scheduling - Extended                     | 102R       | 110V          | 178R          | 178V          | 178R          | 178V                           | 178V                           |
| DATA/360  | 51R        | —             | 102R          | —             | 102R          | —                              | —                              |
| DATA/360 Version 2                                | 127R       | —             | 127R          | —             | 127R          | —                              | —                              |
| GPSS V  | 56R        | —             | 56R           | 56V           | 56R           | 56V                            | 56V                            |
| Planning System Generator II                      | 81R        | 81V           | 81R           | 81V           | 81R           | 81V                            | 81V                            |
| Catelist  | 1,220R     | 1,220V        | —             | —             | —             | —                              | —                              |
| Forecasting and Modeling System                   | 204R       | —             | 204R          | —             | 204R          | —                              | —                              |
| Graphic Analysis of Three-Dimensional Data        | —          | —             | 306R          | —             | 306R          | —                              | —                              |
| Health Care Support/ECG                           | 357R       | 357V          | 357R          | 357V          | 357R          | 357V                           | —                              |
| Health Care Support/Accounting                    | —          | 204V          | —             | —             | —             | —                              | —                              |
| Health Care Support/Lab. info. System             | —          | 255V          | —             | —             | —             | —                              | —                              |
| Health Care Support/Data Communications           | —          | 300V          | —             | —             | —             | —                              | —                              |
| Learn ATS   | 40R        | —             | 40R           | 40R           | 40R           | 40R                            | —                              |
| DBOMP-CICS Interface                              | 76R        | 76V,R         | —             | —             | —             | —                              | —                              |
| Electronic Circuit Analysis Program               | —          | —             | 173R          | —             | 173R          | —                              | —                              |
| Check Processing Control System                   | —          | —             | 1,100R        | 1,100V,R      | 1,100R        | 1,100V,R                       | —                              |
| Telecommunications Control System                 | —          | —             | 2,550R        | —             | 2,550R        | —                              | —                              |
| Registered Rep. System                            | —          | —             | 12,240R       | —             | 12,240R       | —                              | —                              |
| Securities Order Matching                         | —          | —             | 2,140R        | —             | 2,140R        | —                              | —                              |
| STAT/BASIC-ITF                                    | 45R        | 45R           | 45R           | 45V           | 45R           | 45V                            | 45V                            |
| Display Management System                         | 188R       | —             | 188R          | —             | 188R          | —                              | —                              |
| Procedure Library Mathematics                     | 102R       | —             | 102R          | 102V          | 102R          | 102V                           | 102V                           |
| Mathematical Programming System Extended          | —          | —             | 132R          | 132V          | 132R          | 132V                           | 132V                           |
| MPS Upper Bound Feature                           | —          | —             | 663R          | 663V          | 663R          | 663V                           | 663V                           |
| Project Management System, V3                     | —          | —             | 300R          | —             | 300R          | —                              | —                              |
| Project Management System, V4                     | —          | —             | 357R          | 357R          | 357R          | 357R                           | 357R                           |
| MiniPERT  | 153R       | —             | 153R          | —             | 153R          | —                              | —                              |
| Computer System Simulator II                      | —          | —             | 2,500R        | 2,500V        | 2,500R        | 2,500V                         | 2,500V                         |
| PL/1 Simulation Language                          | —          | —             | 250R          | 250V          | 250R          | 250V                           | —                              |
| Continuous System Modeling                        | —          | —             | 91R           | —             | 91R           | —                              | 91V                            |
| CSM Graphic Feature                               | —          | —             | 346R          | —             | 346R          | —                              | 346V                           |
| Graphic Analysis of 3 Dimensional Data            | —          | —             | 306R          | —             | 306R          | —                              | —                              |
| Bill Processor Sys IMS/360 Bridge**               | 153R       | —             | 153R          | 153R          | 153R          | 153R                           | —                              |
| EPIC - Socrates                                   | 178R       | 178V          | 178R          | 178V          | 178R          | 178V                           | 178V                           |
| EPIC - Fast                                       | 96R        | 96V           | 96R           | 96V           | 96R           | 96V                            | 96V                            |
| EPIC - Budget/Finance                             | 112R       | 112V          | 112R          | 112V          | 112R          | 112V                           | 112V                           |
| EPIC - Student                                    | 81R        | 81V           | 81R           | 81V           | 81R           | 81V                            | 81V                            |
| Interactive Training System (ITS)                 | 229R       | —             | 229R          | 229V,R        | 229R          | 229V,R                         | 229V                           |
| ITS Course Structuring Feature                    | 25R        | —             | 25R           | 25V,R         | 25R           | 25V,R                          | 25V                            |
| Math/BASIC ITF                                    | 45R        | 45R           | 45R           | 45R           | 45R           | 45R                            | 45V                            |
| Matrix Generator and Report Writer                | 408R       | —             | 408R          | —             | 408R          | —                              | —                              |
| Subroutine Library Mathematics                    | 102R       | 102V          | 102R          | 102V          | 102R          | 102V                           | 102V                           |
| STAIRS  | 510R       | —             | 510R          | 510V,R        | 510R          | 510V,R                         | —                              |
| SIMPL/1 (5734-XXB)                                | —          | —             | —             | —             | —             | 255R                           | 255R                           |

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