MCBA®

INVENTORY MANAGEMENT
in COBOL
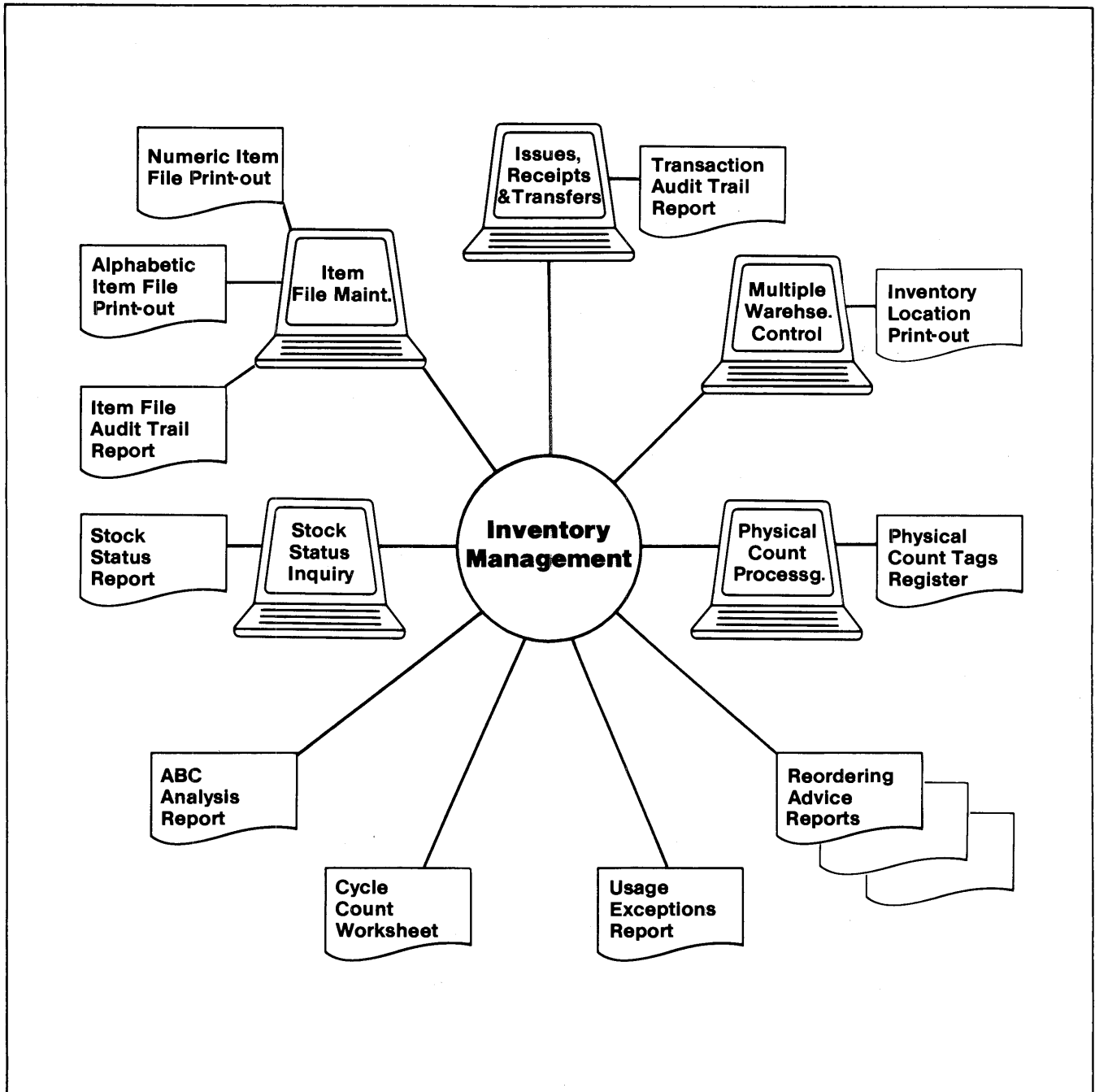
Numeric Item File Print-out

Alphabetic Item File Print-out

Item File Audit Trail Report

Item File Maint.

Issues, Receipts & Transfers

Transaction Audit Trail Report

Multiple Warehse. Control

Inventory Location Print-out

Stock Status Report

Stock Status Inquiry

Inventory Management

Physical Count Processg.

Physical Count Tags Register

ABC Analysis Report

Cycle Count Worksheet

Usage Exceptions Report

Reordering Advice Reports

```
        INVENTORY MANAGEMENT                         M.C.B.A. DEMO FURNITURE COMP.



                        PLEASE SELECT  __

                                1.  ITEM FILE MAINTENANCE
                                2.  INVENTORY LOCATION CONTROL
                                3.  PRINT USAGE EXCEPTIONS REPORT
                                4.  INVENTORY TRANSACTION PROCESSING
                                5.  STOCK STATUS INQUIRY
                                6.  PRINT STOCK STATUS REPORT
                                7.  PRINT ABC ANALYSIS REPORT
                                8.  PRINT CYCLE COUNT WORKSHEET
                                9.  PRINT REORDERING ADVICE REPORT
                               10.  PHYSICAL COUNT PROCESSING
                               11.  PRINT SPOOLED REPORTS
```

```
        INVENTORY MANAGEMENT                         M.C.B.A. DEMO FURNITURE COMP.



                        PLEASE SELECT  __

                               12.  COMPANY FILE MAINTENANCE
                               13.  I/M CONTROL FILE MAINTENANCE
                               14.  LOCATION FILE MAINTENANCE
                               15.  RECALCULATE REORDER FIELDS
                               16.  CLEAR ITEM ACCUMULATORS
```

```
        ITEM FILE MAINTENANCE                        M.C.B.A. DEMO FURNITURE COMP.



                        PLEASE SELECT  _

                                1.  ADD NEW ITEMS

                                2.  CHANGE/INQUIRE ITEMS

                                3.  DELETE ITEMS

                                4.  PRINT NUMERIC ITEM LIST

                                5.  PRINT ALPHABETIC ITEM LIST

                                6.  PRINT ITEM FILE AUDIT TRAIL REPORT
```

Sample Screen Formats for Inventory Management— COBOL

```
ITEM FILE MAINTENANCE - BASE DATA                    M.C.B.A. DEMO FURNITURE COMP.
CHANGE/INQUIRE

     1.  ITEM NO          E500
     2.  DESCRIPTION      Letter Tray

     3.  PROD CATEGORY    AC1
     4.  USER DEF CODE
     5.  DEF OR MFG LOC   LA  LOS ANGELES    19.  START SALE DATE
     6.  QTY ON-HAND      125                20.  END SALE DATE
     7.  QTY ALLOCATED    0                  21.  SALE PRICE         .00
     8.  QTY ON-ORDER     0                  22.  DO PRICE BREAKS APPLY ?  N
     9.  ORDER UP TO      200                23.  DO DISCOUNTS APPLY ?     N
    10.  REORDER LEVEL    50
    11.  AVERAGE COST     5.650              24.  USAGE PTD          43
    12.  PRICE            12.00              25.  USAGE YTD          167
    13.  WEIGHT           3.00               26.  QTY SOLD PTD       43
    14.  UNIT OF MEASURE  EA                 27.  QTY SOLD YTD       167
    15.  PICKING SEQ      BZ12               28.  SALES PTD          516.00
    16.  BACKORDERABLE ?  Y                  29.  SALES YTD          2,004.00
    17.  TAXABLE ?        Y                  30.  COST PTD           242.95
    18.  END ITEM CODE    E                  31.  COST YTD           943.55

     ITEM NUMBER TO CHANGE ?  ___
```

```
ITEM FILE MAINTENANCE - MANAGEMENT DATA           M.C.B.A. DEMO FURNITURE COMP.
CHANGE/INQUIRE

        ITEM NO   E500              Letter Tray


     1.  RECOM MIN ORDER   100          11.  LAST COST          5.650
     2.  ECONOMIC ORD QTY  0
     3.  AVERAGE USAGE     50           12.  VENDOR NUMBER      1500
     4.  USAGE WGHT FCT    .20          13.  ORDER MINIMUM      50
     5.  SAFETY STOCK      50           14.  ORDER MULTIPLE     50
     6.  SAFETY FACTOR     1.6          15.  TARGET MARGIN      100
     7.  AVERAGE ERROR     0            16.  PURCHASED U OF M   EA
     8.  SUM OF ERRORS     0            17.  PURCH TO INV RATIO 1
     9.  USAGE FILTER      3.0
    10.  LEAD TIME         15           18.  DATE LAST SOLD     05/13/82
                                        19.  QTY LAST SOLD      20



     ITEM NUMBER TO CHANGE ?  ___
```

```
ITEM FILE MAINTENANCE - MANUFACTURING DATA         M.C.B.A. DEMO FURNITURE COMP.
CHANGE/INQUIRE

        ITEM NO   E500                 Letter Tray

     1.  ACTIVITY CODE       A          15.  ORDER POLICY CODE
     2.  STOCKED ?           Y          16.  PLANNING PERIOD       0
     3.  CONTROLLED ?        Y          17.  PLANNING LEAD TIME    0
     4.  PURCHASED OR MFG    P          18.  PLANNING ORDER MULT   0

     5.  INVENTORY CLASS     B          *** DISPLAY ONLY ***
     6.  CYCLE COUNT CODE    4
     7.  DATE LAST COUNTED   06/14/81       STOCK STATUS CODE
     8.  COMMODITY CODE      WD03          LOW LEVEL CODE
     9.  BUYER OR ANALYST    2             ACTIVE ORDERS          0

    10.  DRAWING RELEASE NO
    11.  DRAWING REVISION NO
    12.  ROUTING RELEASE NO
    13.  ROUTING REVISION NO
    14.  ROUTING NUMBER

     ITEM NUMBER TO CHANGE ?  ___
```

```
ITEM FILE MAINTENANCE                          M.C.B.A. DEMO FURNITURE COMP.
PRINT AUDIT TRAIL REPORT



                    PLEASE ENTER:

                          1. STARTING ITEM NO  ALL

                          2. ENDING ITEM NO

                          3. STARTING DATE     ALL

                          4. ENDING DATE

                          5. PURGE FILE ?      N



      ITEM NUMBER TO CHANGE ?  ___
```

```
ITEM FILE MAINTENANCE - BASE DATA              M.C.B.A. DEMO FURNITURE COMP.

          ITEM DESCRIPTION  D

          ITEM NO          DESCRIPTION
     1. C200               Desk Top, Walnut - 60 x 30
     2. C100               Desk Top, Walnut - 72 x 36
     3. E1000              Desk, Mahogany - 30 x 60
     4. E1100              Desk, Mahogany - Padded Sides
     5. E400               Double Pedestal Desk
     6. A200               Drawer Assembly - 3 Box
     7. B400               Drawer Assembly, File
     8. B800               Drawer Box
     9. A300               Drawer Box Assembly
    10. A400               Drawer, File
    11. B100               Drawer, Standard Letter Size
```

ACCESS ITEMS BY PARTIAL DESCRIPTION

```
      SELECT ITEM  __
```

```
I/M CONTROL FILE MAINTENANCE    ,               M.C.B.A. DEMO FURNITURE COMP.
CHANGE/INQUIRE




                    1. AVERAGE OR LAST COST    A

                    2. DEFAULT MFG LOCATION    LA

                    3. KEEP AUDIT TRAIL ON     Y
                       MASTER FILES ?

                    4. AVERAGE NUMBER OF       30.44
                       DAYS IN PERIOD



      ITEM NUMBER TO CHANGE ?  ___
```

USER-DEFINED FORECASTING PERIOD

```
        INVENTORY LOCATION CONTROL                    M.C.B.A. DEMO FURNITURE COMP.
        CHANGE/INQUIRE

                         1. ITEM NO  E400              Double Pedestal Desk

                            DEFAULT OR MFG LOCATION  LA  LOS ANGELES

                         2. LOCATION              NY  NEW YORK CITY

                         3. QUANTITY ON-HAND      36
                         4. QUANTITY ALLOCATED    0
                         5. QUANTITY ON-ORDER     0
                         6. REORDER LEVEL         25
                         7. ORDER UP TO LEVEL     50
                         8. PICKING SEQUENCE      A-6
                         9. CYCLE COUNT CODE      1
                        10. DATE LAST COUNTED     05/01/82
                        11. DATE LAST SOLD        04/14/82
                        12. QTY LAST SOLD         5

        ITEM NUMBER TO CHANGE ?  ___
```

```
        STOCK STATUS INQUIRY                           M.C.B.A. DEMO FURNITURE COMP.


                      1. ITEM NO       E400            Double Pedestal Desk

                      2. LOCATION      AT  ATLANTA

                         ON HAND       17

                         ALLOCATED     0

                         ON ORDER      20

                         REORDER LEVEL 25



        ANOTHER LOCATION ?  N
```

```
        INVENTORY TRANSACTION PROCESSING                  M.C.B.A. DEMO FURNITURE COMP.
        ADD

                     1. TRX TYPE        R

                     2. ITEM NO         C200            Desk Top, Walnut - 60 x 30

                     3. TRX DATE        05/16/82

                     4. LOCATION        LA        OLD QTY ON HAND    629
                                                  NEW QTY ON HAND    729

                     5. QTY RECEIVED    100

                     6. NEW UNIT COST   21.500    OLD AVG COST       20.500
                                                  NEW AVG COST       20.637

                     7. ORDER COMPLETE  Y

                     8. ORDER NUMBER    P-09023

        ITEM NUMBER TO CHANGE ?  ___
```

ISSUES
RECEIVINGS
TRANSFERS

Sample Screen Formats for Inventory Management—COBOL

```
PHYSICAL COUNT PROCESSING                    M.C.B.A. DEMO FURNITURE COMP.


                    PLEASE SELECT  _

                         1. ADD NEW TAGS

                         2. CHANGE/INQUIRE TAGS

                         3. DELETE TAGS

                         4. PRINT COUNT TAGS EDIT LIST

                         5. PRINT PHYSICAL COUNT UPDATE EDIT LIST

                         6. POST TAGS
```

```
PHYSICAL COUNT PROCESSING                    M.C.B.A. DEMO FURNITURE COMP.
CHANGE/INQUIRE


              1. TAG NUMBER        422

              2. ITEM NUMBER       C300

                                   Legs, Stainless Steel - 30"

              3. LOCATION          LA  LOS ANGELES

              4. UNIT OF MEASURE   EA

              5. QUANTITY COUNTED  150




    ITEM NUMBER TO CHANGE ?  ___
```

```
PRINT CYCLE COUNT WORKSHEET                   M.C.B.A. DEMO FURNITURE COMP.



         PLEASE ENTER:
              1. LAST COUNTED ON OR BEFORE       12/31/81

              2. CYCLE COUNT CODE                4

              3. LOCATION                        LA  LOS ANGELES

              4. ZERO OR NEGATIVE ON-HAND ONLY ? N

              5. SHOW COMPUTED QTY ON-HAND ?     N




    ITEM NUMBER TO CHANGE ?  ___
```

```
PRINT REORDERING ADVICE REPORT              M.C.B.A. DEMO FURNITURE COMP.
PRINT ADVICE BY VENDOR

            PLEASE ENTER:

                    1. VENDOR NO                 1100

                    2. LOCATION                  LA   LOS ANGELES

                    3. PERCENT OVER REORDER LEVEL  50

                       AMOUNT OVER REORDER LEVEL

                    4. SHOULD QUANTITY AVAILABLE
                       INCLUDE ON ORDER ?        Y

                    5. PURCHASE OR MFG CODE       P



    ITEM NUMBER TO CHANGE ?   ___
```

```
PRINT ABC ANALYSIS REPORT                    M.C.B.A. DEMO FURNITURE COMP.



              PLEASE ENTER THE PERCENT OF THE TOTAL INVENTORY
              VALUE TO BE INCLUDED IN EACH INVENTORY CLASS

                    PERCENT IN CLASS A   80

                    PERCENT IN CLASS B   15

                    PERCENT IN CLASS C    5

                    SET UP INVENTORY CLASSES ?  N



    ANY CHANGE ?  N
```

```
RECALCULATE REORDER FIELDS                   M.C.B.A. DEMO FURNITURE COMP.




              THIS PROGRAM WILL RECALCULATE REORDER FIELDS

              IN THE INVENTORY ITEM RECORD AND CLEAR THE

              ITEM PERIOD-TO-DATE ACCUMULATORS.

              ARE YOU SURE YOU WANT TO DO THIS ?  N
```

Sample Print-Outs for Inventory Management— COBOL

```
                             N U M E R I C   I T E M   F I L E   P R I N T O U T
```

RANGE: ALL ITEMS
       PRODUCT CATEGORIES DK1 THRU DK1
       ALL DATA

USER SPECIFIES DATA GROUPS TO PRINT

```
1. ITEM NO  E200              2. DESCRIPTION  Single Pedestal Desk        3. PROD CATEGORY  DK1
                                              Model # 300
   BASE DATA:
```

4. USER DEF CODE		11. AVERAGE COST	376.500	19. START SALE DATE	08/15/82	24. USAGE PTD	35
5. DEF OR MFGING LOC	LA	12. PRICE	550.00	20. END SALE DATE	10/15/82	25. USAGE YTD	163
6. QTY ON-HAND	14	13. WEIGHT	185.00	21. SALE PRICE	450.00	26. QTY SOLD PTD	35
7. QTY ALLOCATED	0	14. UNIT OF MEASURE	EA	22. DO PRICE BREAKS APPLY ?	N	27. QTY SOLD YTD	163
8. QTY ON-ORDER	0	15. PICKING SEQ	ASY	23. DO DISCOUNTS APPLY ?	Y	28. SALES PTD	19,250.00
9. ORDER UP TO	0	16. BACKORDERABLE ?	Y			29. SALES YTD	89,650.00
10. REORDER LEVEL	0	17. TAXABLE ?	Y			30. COST PTD	13,177.50
		18. END ITEM CODE	E			31. COST YTD	61,369.50

```
   MANAGEMENT DATA:
```

1. RECOM MIN ORDER	0	5. SAFETY STOCK	0	10. LEAD TIME	30	15. TARGET MARGIN	45
2. ECONOMIC ORD QTY	0	6. SAFETY FACTOR	.0	11. LAST COST	380.000	16. PURCHASED U OF M	
3. AVERAGE USAGE	35	7. AVERAGE ERROR	0	12. VENDOR NO		17. PURCH TO INV RATIO	0
4. USAGE WGHT FCT	.20	8. SUM OF ERRORS	0	13. ORDER MINIMUM	0	18. DATE LAST SOLD	05/13/82
		9. USAGE FILTER	3.0	14. ORDER MULTIPLE	0	19. QTY LAST SOLD	0

```
   MANUFACTURING DATA:
```

1. ACTIVITY CODE	A	6. CYCLE COUNT CODE	0	12. ROUTING RELEASE NO	R-050	STOCK STATUS CODE	
2. STOCKED FLAG	N	7. DATE LAST COUNTED	03/15/82	13. ROUTING REVISION NO	01	LOW LEVEL CODE	1
3. CONTROLLED FLAG	Y	8. COMMODITY CODE		14. ROUTING NO	75	ACTIVE ORDERS	0
4. PURCHASED OR MFG	M	9. BUYER OR ANALYST		15. ORDER POLICY CODE			
5. INVENTORY CLASS	A	10. DRAWING RELEASE NO	YY3602	16. PLANNING PERIOD	0		
		11. DRAWING REVISION NO	03	17. PLANNING LEAD TIME	0		
				18. PLANNING ORDER MULT	0		

```
                             N U M E R I C   I T E M   F I L E   P R I N T O U T
```

RANGE: ALL ITEMS
       PRODUCT CATEGORIES DK1 THRU DK1
       ALL DATA

```
1. ITEM NO  E400              2. DESCRIPTION  Double Pedestal Desk         3. PROD CATEGORY  DK1
   BASE DATA:
```

4. USER DEF CODE		11. AVERAGE COST	485.000	19. START SALE DATE	08/15/82	24. USAGE PTD	26
5. DEF OR MFGING LOC	LA	12. PRICE	722.00	20. END SALE DATE	10/15/82	25. USAGE YTD	122
6. QTY ON-HAND	27	13. WEIGHT	275.00	21. SALE PRICE	650.00	26. QTY SOLD PTD	26
7. QTY ALLOCATED	0	14. UNIT OF MEASURE	EA	22. DO PRICE BREAKS APPLY ?	N	27. QTY SOLD YTD	122
8. QTY ON-ORDER	35	15. PICKING SEQ	ASY	23. DO DISCOUNTS APPLY ?	Y	28. SALES PTD	18,772.00
9. ORDER UP TO	35	16. BACKORDERABLE ?	Y			29. SALES YTD	88,084.00
10. REORDER LEVEL	30	17. TAXABLE ?	Y			30. COST PTD	12,610.00
		18. END ITEM CODE	E			31. COST YTD	59,170.00

```
   MANAGEMENT DATA:
```

1. RECOM MIN ORDER	35	5. SAFETY STOCK	0	10. LEAD TIME	35	15. TARGET MARGIN	45
2. ECONOMIC ORD QTY	0	6. SAFETY FACTOR	.0	11. LAST COST	485.000	16. PURCHASED U OF M	
3. AVERAGE USAGE	23	7. AVERAGE ERROR	0	12. VENDOR NO		17. PURCH TO INV RATIO	0
4. USAGE WGHT FCT	.20	8. SUM OF ERRORS	0	13. ORDER MINIMUM	35	18. DATE LAST SOLD	05/14/82
		9. USAGE FILTER	3.0	14. ORDER MULTIPLE	10	19. QTY LAST SOLD	6

```
   MANUFACTURING DATA:
```

1. ACTIVITY CODE	A	6. CYCLE COUNT CODE	2	12. ROUTING RELEASE NO	R-065	STOCK STATUS CODE	
2. STOCKED FLAG	N	7. DATE LAST COUNTED	03/10/82	13. ROUTING REVISION NO	00	LOW LEVEL CODE	
3. CONTROLLED FLAG	Y	8. COMMODITY CODE		14. ROUTING NO	80	ACTIVE ORDERS	0
4. PURCHASED OR MFG	M	9. BUYER OR ANALYST		15. ORDER POLICY CODE			
5. INVENTORY CLASS	A	10. DRAWING RELEASE NO	YY3103	16. PLANNING PERIOD	0		
		11. DRAWING REVISION NO	01	17. PLANNING LEAD TIME	0		
				18. PLANNING ORDER MULT	0		

```
       4 ITEMS PRINTED
```

RUN DATE: MAY 16, 1982 - 22:11   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

A L P H A B E T I C   I T E M   F I L E   P R I N T - O U T

RANGE: ALL ITEMS

ITEM-NO	DESCRIPTION	PROD CAT	U-OF MEAS	AVERAGE COST	PRICE	QTY ON-HAND	QTY ALLOC	REORDER LEVEL	BACKORDER OK?	TAXABLE?	PICK SEQ
A100	Base Assembly, 60 x 30 x 30		EA	38.500	.00	7	0	0	Y	Y	
D300	Bracket, Aluminum 4"		EA	.500	.00	212	0	100	Y	Y	BA13
C1200	Center Drawer - 24W x 2 1/2H		EA	7.600	.00	53	0	100	Y	Y	AX02
C1100	Center Drawer - 30W x 2 1/2H		EA	9.600	.00	53	0	50	Y	Y	AS01
C1300	Chair Fabric - Std Black		YD	1.800	.00	162	0	50	Y	Y	AZ92
E700	Corner Table - Burl Top	TB1	EA	265.000	318.15	19	0	25	Y	Y	
C200	Desk Top, Walnut - 60 x 30		EA	20.637	.00	729	0	500	Y	Y	BA15
C100	Desk Top, Walnut - 72 x 36		EA	22.500	.00	335	0	400	Y	Y	BA14
E1000	Desk, Mahogany - 30 x 60	DK2	EA	680.000	1,095.00	3	0	0	Y	Y	
E1100	Desk, Mahogany - Padded Sides	DK2	EA	883.000	1,565.00	1	0	0	Y	Y	
E400	Double Pedestal Desk	DK1	EA	485.000	722.00	22	0	30	Y	Y	ASY
A200	Drawer Assembly - 3 Box		EA	55.500	.00	56	0	0	Y	Y	BR44
B400	Drawer Assembly, File		EA	45.650	.00	58	0	0	Y	Y	AB11
B800	Drawer Box		EA	5.000	.00	55	0	50	Y	Y	AX14
A300	Drawer Box Assembly		EA	24.500	.00	232	0	0	Y	Y	AA10
A400	Drawer, File		EA	18.850	.00	163	0	100	Y	Y	BA41
B100	Drawer, Standard Letter Size		EA	6.800	.00	175	0	100	Y	Y	BA13
E800	End Table - Burl Top	TB1	EA	165.000	220.00	26	0	25	Y	Y	
E900	Executive Chair	CH1	EA	485.000	793.00	26	0	15	Y	Y	
D500	Glue - Pressure Sensitive (Qt)		QT	18.000	.00	15	0	5	Y	Y	BB11
B300	Hardware Mounting, Drawer Box		EA	3.550	.00	163	0	150	Y	Y	AB10
B600	Hardware, Face		EA	.250	.00	260	0	100	Y	Y	AL19
B700	Hardware, Leg		EA	1.050	.00	122	0	100	Y	Y	BI03
A500	Leg, Pine 2 x 3 x 2.5 (ft)		EA	4.750	.00	55	0	25	Y	Y	BO12
B900	Legs, Stainless 26"		EA	3.250	.00	262	0	100	Y	Y	AL01
C300	Legs, Stainless Steel - 30"		EA	3.850	.00	158	0	200	Y	Y	AL14
E500	Letter Tray	AC1	EA	5.650	12.00	125	0	50	Y	Y	BZ12
C900	Modesty Panel - 45"		EA	5.050	.00	125	0	50	Y	Y	AA11
C400	Modesty Panel, Walnut - 30"		EA	4.880	.00	95	0	100	Y	Y	BA19
C1400	Panel, Front Desk - Mahogany		EA	28.000	.00	44	0	15	Y	Y	BZ02
C600	Particle Board 1x121x31 (36LB)		EA	22.000	.00	77	0	50	Y	Y	AA00
C500	Pine Board, 2" x 4 x 8		EA	24.500	.00	126	0	50	Y	Y	AR10
D600	Pumice (Coarse) 32 Oz. Box		BX	6.500	.00	5	0	2	Y	Y	FLR
D400	Pumice (Fine) 5 LB box		BX	8.800	.00	7	0	8	Y	Y	FLR
A700	Return Base		EA	28.000	.00	14	0	0	Y	Y	
D700	Rubbing Oil (5 Gal Can)		5G	128.000	.00	7	0	8	Y	Y	AZ11
D200	Screw, Wood 1/8 x 3/4		EA	.010	.00	0	0	0	Y	Y	AS10
E300	Secretarial Unit (S. P. Desk + Right Return)	DK1	EA	518.700	795.00	0	0	0	Y	Y	ASY
E200	Single Pedestal Desk Model # 300	DK1	EA	376.500	550.00	14	0	0	Y	Y	ASY
E201	Single Pedestal Desk ** Exec Top Option **	DK1	EA	62.300	85.75	55	0	0	Y	Y	ASY
B200	Slide Mechanism - Std		EA	6.450	.00	543	0	250	Y	Y	AL02
B500	Slide Mechanism, File		EA	4.350	.00	231	0	150	Y	Y	BB41
E501	Stacking Brackets--Letter Tray	AC1	EA	.480	1.00	360	0	100	Y	Y	AX02
D100	Stain, Mahogany (1 Qt. Can)		QT	5.300	.00	31	0	10	Y	Y	AR12
A600	Top, Desk 30x60x1 (IN)		EA	65.000	.00	12	0	25	Y	Y	BX02
C1000	Top, Walnut - 42 x 18		EA	88.500	.00	53	0	50	Y	Y	AL14
E100	Typing Return - Right Side Walnut	DK2	EA	87.350	153.00	16	0	0	Y	Y	ZZ99
C700	Veneer Mahogany - 1/16x60x120		EA	165.000	.00	46	0	50	Y	Y	AA02
C800	Vinyl Padding, Red		YD	25.000	.00	126	0	50	Y	Y	AX02
E600	Waste Basket	AC1	EA	3.800	8.00	166	0	75	Y	Y	BZ02

50 ITEMS PRINTED

—8—

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RUN DATE: MAY 16, 1982 - 22:13        M. C. B. A. DEMO FURNITURE COMPANY                    PAGE 0001
                              I T E M   F I L E   A U D I T   T R A I L   R E P O R T

RANGES: ALL ITEMS
        ALL DATES
ACTIONS: A = ADDITION   B = BEFORE CHANGE   C = CHANGE   D = DELETION


D400            2.Pummice (Fine) 5 LB box    21.       .00 30.        .00 7.      0  15.      0  4. P     12.
     B  05/15/82                             22.N 23.N 31.           .00 8.      0  16.     BX  5. C     13.
        15:13:29 3.     6.     7  12.     .00 24.    6       1.   10     9.   3.0 17.      1  6. 6     14.
            SYSTEM 4.   7.     0  13.     .00 25.   17       2.    0    10.    10 18.05/13/82 7.11/02/81 15.
            ST04 5.LA 8.  10 14.BX 15.FLR 26.    0       3.    8    11.   8.80 19.      0  8. MS02   16.      0
                   9.   20 16.Y 17.Y 18.C 27.    0       4.   .20   12.1700    1. A     9. 2     17.      0
                  10.    8 19.                  28.         .00 5.    0    13.       1   2. Y    10.     18.      0
                  11.  8.800 20.               29.         .00 6.    .0    14.       1   3. N    11.

D400            2.Pumice (Fine) 5 LB box     21.       30.        7.         15.        4.         12.
     C  05/15/82                             22. 23.   31.        8.         16.        5.         13.
        15:13:29 3.     6.    12.           24.         1.        9.         17.        6.         14.      2
            SYSTEM 4.   7.    13.           25.         2.       10.         18.        7.         15.      0
            ST04 5.    8.    14.    15.     26.         3.       11.         19.        8.         16.
                   9.       16.  17.  18.   27.         4.       12.         1.         9.         17.
                  10.       19.            28.         5.       13.         2.        10.         18.
                  11.       20.            29.         6.       14.         3.        11.
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RUN DATE: MAY 16, 1982 - 21:18        M. C. B. A. DEMO FURNITURE COMPANY                    PAGE 0001
                        I N V E N T O R Y   L O C A T I O N   F I L E   P R I N T O U T

RANGES: ITEMS E         THRU F
        LOCATIONS NY THRU NY
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ITEM-NO	DESCRIPTION	LOCATION	QTY ON HAND	QTY ALLOCATED	QTY ON ORDER	REORDER LEVEL	ORDER UP TO	PICK SEQ	CYCLE COUNT	LAST COUNTED	---LAST-SALE--- DATE	QTY
E100	Typing Return - Right Side Walnut	NY	46	0	0	35	75	A-3	1	02/02/82	05/13/82	12
E200	Single Pedestal Desk Model # 300	NY	38	0	0	30	60	A-1	1	04/15/82	05/02/82	11
E201	Single Pedestal Desk ** Exec Top Option **	NY	14	0	30	20	50	A-5	1	12/13/81	05/13/82	15
E400	Double Pedestal Desk	NY	36	0	0	25	50	A-6	1	05/01/82	04/14/82	5

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        4 ITEMS PRINTED          4 ITEM LOCATIONS PRINTED
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RUN DATE: MAY 16, 1982 - 22:22        M. C. B. A. DEMO FURNITURE COMPANY                    PAGE 0001
                    I N V E N T O R Y   L O C A T I O N   F I L E   A U D I T   T R A I L   R E P O R T

RANGES: ALL DATES
        ALL ITEMS
        ALL LOCATIONS
ACTIONS: A = ADDITION   B = BEFORE CHANGE   C = CHANGE   D = DELETION
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ITEM-NO	LOCATION	ACTION	DATE	TIME	USER ID	TERM NO	QTY ON HAND	QTY ALLOCATED	QTY ON ORDER	REORDER LEVEL	ORDER UP TO	PICK SEQ	CYC CNT	LAST COUNTED	---LAST-SALE--- DATE	QTY
E100	AT	B	05/16/82	22:21:50	RKH004	1	21	0	15	25	40	AL11	1	12/10/81	05/13/82	3
		C	05/16/82	22:21:51	RKH004	1									05/16/82	2
E1000	DA	A	05/16/82	22:20:14	RKH004	1	15	0	0	10	25	X23	2	05/16/82	05/10/82	2
E1100	HK	A	05/16/82	22:21:16	RKH004	1	6	0	5	7	10			00/00/00	05/16/82	2

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RUN DATE: MAY 16, 1982 - 21:52        M. C. B. A. DEMO FURNITURE COMPANY                    PAGE 0001
                                      L O C A T I O N   L I S T

LOCATION  DESCRIPTION

     AT       ATLANTA
     DA       DALLAS
     HK       HONG KONG
     LA       LOS ANGELES
     NY       NEW YORK CITY
     PO       PORTLAND, OR

  6 LOCATIONS ON FILE
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RUN DATE: MAY 16, 1982 - 21:30   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

                                        S T O C K   S T A T U S   R E P O R T

RANGES: ALL LOCATIONS
        ALL ITEMS
        ALL PRODUCT CATEGORIES
BACK ORDER CODE: NO = MAY NOT BE BACK ORDERED   (BLANK MEANS ITEM MAY BE BACK ORDERED)
STOCK STATUS: REO = AT OR BELOW REORDER LEVEL   O/S = OUT OF STOCK

ITEM NO	DESCRIPTION	PROD CAT	LOC	QTY ON HAND	QTY ALLOCATED	QTY ON ORDER	REORDER LEVEL	AVERAGE COST	VALUE OF INVENTORY	BKORD CODE	STK STS
A100	Base Assembly, 60 x 30 x 30		LA	7	0	0	0	38.500	269.50		
A200	Drawer Assembly - 3 Box		LA	56	0	0	0	55.500	3,108.00		
A300	Drawer Box Assembly		LA	232	0	0	0	24.500	5,684.00		
A400	Drawer, File		LA	163	0	0	100	18.850	3,072.55		
A500	Leg, Pine 2 x 3 x 2.5 (ft)		LA	55	0	0	25	4.750	261.25		
A600	Top, Desk 30x60x1 (IN)		LA	12	0	50	25	65.000	780.00		REO
A700	Return Base		LA	14	0	0	0	28.000	392.00		
B100	Drawer, Standard Letter Size		LA	175	0	240	100	6.800	1,190.00		
B200	Slide Mechanism - Std		LA	543	0	0	250	6.450	3,502.35		
B300	Hardware Mounting, Drawer Box		LA	163	0	0	150	3.550	578.65		
B400	Drawer Assembly, File		LA	58	0	0	0	45.650	2,647.70		

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ITEM NO	DESCRIPTION	PROD CAT	LOC	QTY ON HAND	QTY ALLOCATED	QTY ON ORDER	REORDER LEVEL	AVERAGE COST	VALUE OF INVENTORY	BKORD CODE	STK STS
E200	Single Pedestal Desk Model # 300	DK1	LA	14	0	0	0	376.500	5,271.00		
			AT	18	0	20	20		6,777.00		REO
			DA	4	0	10	10		1,506.00		REO
			NY	38	0	0	30		14,307.00		
	ITEM TOTAL:			74	0						
E201	Single Pedestal Desk ** Exec Top Option **	DK1	LA	55	0	0	0	62.300	3,426.50		
			AT	6	0	25	15		373.80		REO
			DA	11	0	0	10		685.30		
			NY	14	0	30	20		872.20		REO
	ITEM TOTAL:			86	0						
E300	Secretarial Unit (S. P. Desk + Right Return)	DK1	LA	0	0	0	0	518.700	.00		O/S
E400	Double Pedestal Desk	DK1	LA	22	0	35	30	485.000	10,670.00		REO
			AT	17	0	20	25		8,245.00		REO
			NY	41	0	0	25		19,885.00		
	ITEM TOTAL:			80	0						
E500	Letter Tray	AC1	LA	125	0	0	50	5.650	706.25		
E501	Stacking Brackets--Letter Tray	AC1	LA	360	0	0	100	.480	172.80		
E600	Waste Basket	AC1	LA	166	0	0	75	3.800	630.80		
E700	Corner Table - Burl Top	TB1	LA	19	0	25	25	265.000	5,035.00		REO
E800	End Table - Burl Top	TB1	LA	26	0	0	25	165.000	4,290.00		
E900	Executive Chair	CH1	LA	26	0	0	15	485.000	12,610.00		

50 ITEMS PRINTED

RUN DATE: MAY 16, 1982 – 21:27   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

I N V E N T O R Y T R A N S A C T I O N A U D I T T R A I L R E P O R T

RANGE: ALL DATES
ACTIONS: A = ADDITION   C = CHANGE   D = DELETION

I S S U E S

ITEM NO	ACTION	DATE USER-ID	TIME TERMINAL	DESCRIPTION	LOC	QTY ISSUED	OLD-QTY-AVAIL NEW-QTY-AVAIL	ORDER NUMBER
C1100	A	05/16/82 RKH004	21:27:05 ST01	Center Drawer – 30W × 2 1/2H	LA	35	88 53	S-0897

RUN DATE: MAY 16, 1982 – 21:27   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0002

I N V E N T O R Y T R A N S A C T I O N A U D I T T R A I L R E P O R T

RANGE: ALL DATES
ACTIONS: A = ADDITION   C = CHANGE   D = DELETION

R E C E I V I N G S

ITEM NO	ACTION	DATE USER-ID	TIME TERMINAL	DESCRIPTION	LOC	QTY RECVD	OLD-QTY-OH NEW-QTY-OH	NEW UNIT COST	OLD-AVG-COST	PO-NO ORD-COMP
C200	A	05/16/82 RKH004	21:25:30 ST01	Desk Top, Walnut – 60 × 30	LA	100	629 729	21.500	20.500	P-09023 Y

RUN DATE: MAY 16, 1982 – 21:27   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0003

I N V E N T O R Y T R A N S A C T I O N A U D I T T R A I L R E P O R T

RANGE: ALL DATES
ACTIONS: A = ADDITION   C = CHANGE   D = DELETION

T R A N S F E R S

ITEM NO	ACTION	DATE USER-ID	TIME TERMINAL	DESCRIPTION	LOC TO	LOC FROM	QTY TRANSFERRED	TO-OLD-QTY-OH TO-NEW-QTY-OH	FROM-OLD-QTY-AVAIL FROM-NEW-QTY-AVAIL
E400	A	05/16/82 RKH004	21:26:26 ST01	Double Pedestal Desk	NY	LA	5	36 41	27 22

RUN DATE: MAY 16, 1982 – 21:22   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

I N V E N T O R Y U S A G E E X C E P T I O N S R E P O R T

RANGES: INVENTORY CLASS B
       SUM OF ERRORS EXCEEDING 100% OF AVERAGE ERROR

ITEM NO	DESCRIPTION	PRD CAT	AVG ERROR	ERROR SUM	AVG USAGE	USAGE WGHT FCT	SAFTY STOCK	SAFETY FACTOR	REORD LEVEL	LEAD TIME	QTY SOLD PTD	QTY SOLD YTD
C1000	Top, Walnut – 42 × 18		4	8	30	.20	25	1.6	50	30	0	0
C1200	Center Drawer – 24W × 2 1/2H		11	15-	75	.20	25	1.6	100	20	0	0
C1300	Chair Fabric – Std Black		5	16	43	.20	15	1.6	50	20	0	0

RUN DATE: MAY 16, 1982 – 21:47   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

C O U N T T A G S E D I T L I S T

RANGE: ALL TAGS

TAG NUMBER	ITEM NO	DESCRIPTION	LOCATION	UNIT-OF-MEASURE	QUANTITY COUNTED
422	C300	Legs, Stainless Steel – 30"	LA	EA	150
423	C100	Desk Top, Walnut – 72 × 36	LA	EA	302
424	C100	Desk Top, Walnut – 72 × 36	LA	EA	33
********		TAG SEQUENCE BREAK			
427	E500	Letter Tray	LA	EA	55

     4 TAGS PRINTED

RUN DATE: MAY 16, 1982 — 21:49   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

P H Y S I C A L   C O U N T   U P D A T E   E D I T   L I S T

ITEM NO	DESCRIPTION	TAG NUMBER	LOCATION	UOM	OLD QTY-OH	COUNTED QTY-OH	DOLLAR CHANGE	POSTING COMMENTS
C100	Desk Top, Walnut — 72 x 36	423	LA	EA	335	302		
		424		EA		33		
		LOCATION TOTAL:			335	335	.00	WARNING — MULT TAG SAME LOC
		ITEM TOTAL:			335	335	.00	
C300	Legs, Stainless Steel — 30"	422	LA	EA	158	150	30.80-	
		ITEM TOTAL:			158	150	30.80-	
E500	Letter Tray	425	LA	EA	125	0		WARNING — NEW QTY OH IS ZERO
		426		EA		68		
		427		EA		55		
		LOCATION TOTAL:			125	123	11.30-	WARNING — MULT TAG SAME LOC
		ITEM TOTAL:			125	123	11.30-	

        3 ITEMS COUNTED   6 TAGS COUNTED   TOTAL DOLLAR CHANGE: 42.10-

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RUN DATE: MAY 16, 1982 — 21:32   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

C Y C L E   C O U N T   W O R K S H E E T

RANGES: ITEMS NOT COUNTED SINCE 12/31/81   CYCLE COUNT CODE 4
        LOCATION LA LOS ANGELES

BIN NUMBER	ITEM NO	DESCRIPTION	U/M	TAG NUMBER	ACTUAL COUNT	CHECKED BY	CYCLE CODE	LAST COUNTED
AL14	C300	Legs, Stainless Steel — 30"	EA	_____	_____	_____	4	10/20/81
BA14	C100	Desk Top, Walnut — 72 x 36	EA	_____	_____	_____	4	10/20/81
BZ12	E500	Letter Tray	EA	_____	_____	_____	4	06/14/81

OPTIONALLY SHOWS RECORDED QTY. ON HAND

RUN DATE: MAY 16, 1982 — 21:35   M. C. B. A. DEMO FURNITURE COMPANY   PAGE 0001

R E O R D E R I N G   A D V I C E   R E P O R T   B Y   L O C A T I O N

REPORT PRINTED IN PRIORITY ORDER
RANGES: LOCATION LA LOS ANGELES
        10% OVER REORDER LEVEL
        ONLY PURCHASED ITEMS INCLUDED
        QUANTITY AVAILABLE DOESN'T INCLUDE ON ORDER   R = REORDER   O = STOCKOUT

ITEM NO	DESCRIPTION	PRD CAT	QTY ON-HAND	QTY ALLOC	QTY ON-ORD	REORD LEVEL	RECOM ORDER	ORDER UP-TO	WEIGHT	TOTAL WEIGHT	PUR U-M	REO O/S
C1200	Center Drawer — 24W x 2 1/2H		53	0	100	100	147	200	3.00	441	EA	R
E700	Corner Table — Burl Top	TB1	19	0	25	25	31	50	40.00	1,240	EA	R
C300	Legs, Stainless Steel — 30"		158	0	600	200	642	800	2.00	1,284	EA	R
C100	Desk Top, Walnut — 72 x 36		335	0	300	400	365	700	26.00	9,490	EA	R
C700	Veneer Mahogany — 1/16x60x120		46	0	50	50	54	100	17.00	918	EA	R
C400	Modesty Panel, Walnut — 30"		95	0	100	100	105	200	1.50	157	EA	R
E800	End Table — Burl Top	TB1	26	0	0	25	0	50	35.00		EA	
C1100	Center Drawer — 30W x 2 1/2H		53	0	0	50	0	150	4.00		EA	
C1000	Top, Walnut — 42 x 18		53	0	500	50	0	100	17.00		EA	
B300	Hardware Mounting, Drawer Box		163	0	0	150	0	400	1.25		EA	
			LOCATION TOTAL:				1,344			13,530		

ALSO PRINTS BY VENDOR AND ITEM

Sample Print-Outs for Inventory Management— COBOL

A B C   A N A L Y S I S   R E P O R T

CLASS A: TOP 80%   CLASS B: NEXT 15%   CLASS C: BOTTOM   5% OF TOTAL INVENTORY USAGE

ITEM NO	DESCRIPTION	UNITS USED YTD	AVERAGE COST	DOLLARIZED USAGE	--INVENTORY CLASS-- PRESENT	SUGGESTED	DOLLARIZED USAGE SUB-TOTAL
E200	Single Pedestal Desk Model # 300	163	376.500	61,369.500	A	A	61,369.500
E400	Double Pedestal Desk	122	485.000	59,170.000	A	A	120,539.500
E1000	Desk, Mahogany – 30 x 60	66	680.000	44,880.000	A	A	165,419.500
E700	Corner Table – Burl Top	166	265.000	43,990.000	A	A	209,409.500
E1100	Desk, Mahogany – Padded Sides	44	883.000	38,852.000	A	A	248,261.500
C700	Veneer Mahogany – 1/16x60x120	221	165.000	36,465.000	B	A	284,726.500
E300	Secretarial Unit (S. P. Desk + Right Return)	63	518.700	32,678.100	A	A	317,404.600
A100	Base Assembly, 60 x 30 x 30	637	38.500	24,524.500		A	341,929.100
E100	Typing Return – Right Side Walnut	262	87.350	22,885.700	A	A	364,814.800
E900	Executive Chair	46	485.000	22,310.000	A	A	387,124.800
C100	Desk Top, Walnut – 72 x 36	987	22.500	22,207.500	B	A	409,332.300
C200	Desk Top, Walnut – 60 x 30	1,043	20.637	21,524.391	B	A	430,856.691
C1000	Top, Walnut – 42 x 18	181	88.500	16,018.500	B	A	446,875.191
E800	End Table – Burl Top	97	165.000	16,005.000	A	A	462,880.191
A300	Drawer Box Assembly	643	24.500	15,753.500	C	B	478,633.691
B400	Drawer Assembly, File	283	45.650	12,918.950	C	B	491,552.641
A200	Drawer Assembly – 3 Box	202	55.500	11,211.000		B	502,763.641
C500	Pine Board, 2" x 4 x 8	288	24.500	7,056.000	B	B	509,819.641
C800	Vinyl Padding, Red	266	25.000	6,650.000	B	B	516,469.641
B200	Slide Mechanism – Std	1,007	6.450	6,495.150	C	B	522,964.791
A400	Drawer, File	303	18.850	5,711.550	B	B	528,676.341
A600	Top, Desk 30x60x1 (IN)	86	65.000	5,590.000	B	B	534,266.341
B100	Drawer, Standard Letter Size	606	6.800	4,120.800	C	B	538,387.141
C300	Legs, Stainless Steel – 30"	973	3.850	3,746.050	B	B	542,133.191

B700	Hardware, Leg	863	1.050	906.150	C	C	570,414.841
C900	Modesty Panel – 45"	151	5.050	762.550	C	C	571,177.391
C400	Modesty Panel, Walnut – 30"	143	4.880	697.840	B	C	571,875.231
E600	Waste Basket	166	3.800	630.800	B	C	572,506.031
A700	Return Base	16	28.000	448.000	C	C	572,954.031
E501	Stacking Brackets--Letter Tray	843	.480	404.640	C	C	573,358.671
D100	Stain, Mahogany (1 Qt. Can)	76	5.300	402.800	C	C	573,761.471
C1300	Chair Fabric – Std Black	144	1.800	259.200	B	C	574,020.671
B600	Hardware, Face	733	.250	183.250	C	C	574,203.921
D400	Pumice (Fine) 5 LB box	17	8.800	149.600	C	C	574,353.521
D300	Bracket, Aluminum 4"	224	.500	112.000	C	C	574,465.521
D600	Pumice (Coarse) 32 Oz. Box	14	6.500	91.000	C	C	574,556.521
D200	Screw, Wood 1/8 x 3/4	0	.010	.000	C	C	574,556.521

A B C   A N A L Y S I S   R E P O R T

INVENTORY CLASS	NUMBER OF ITEMS	PERCENT OF ITEMS	DOLLARIZED USAGE	PERCENT OF USAGE
A	14	28.00	462,880.191	80.56
B	11	22.00	82,993.000	14.44
C	25	50.00	28,683.330	4.99

COBOL
INVENTORY MANAGEMENT
Technical Specifications

Program Sizes

The program for the Inventory Management package occupies approximately 1,070K bytes of disk space.

Memory Requirements

In terms of memory, the largest amount of memory required for any single task is approximately 53K bytes. This includes roughly 23K bytes of re-entrant code, so each additional Inventory Management user would only require an additional 30K bytes of memory.

File Sizes

Approximate file requirements can be calculated from the following table. Because of the nature of the file handling (ISAM) and the operating system fragmentation of files, exact requirements cannot be given. However, the following is reasonably accurate.

File	Disk space in K bytes per 1,000 records
Inventory Items at Primary Location	361
Inventory Items at Secondary Locations	79
Audit Trail	594
Inventory Receivings	104
Physical Count Tags	60

These are the permanent files in the system. The transaction files are deleted after each posting and do not ordinarily grow extremely large between postings.