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Equipment Maintenance

DEPOT MAINTENANCE MATERIAL SUPPORT SYSTEM G005M USERS MANUAL

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This manual contains procedures for organic depot maintenance material support at the Air Logistics Centers (ALCs). This publication does not apply to the US Air Force Reserve or Air National Guard units and members.

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Chapter 1

GENERAL

1.1. Purpose. The purpose of this users manual is to provide information necessary to effectively use the G005M Depot Maintenance Material Support System. This manual is to be used in conjunction with policies established in AFMCR 66-53 and AFMCR 66-61; and procedures in AFM 67-1 Vol I, Part 1, and Vol III, Part 2; and the System Operations Manual AFMCM 171-152.

1.2. Terms/Abbreviations. Glossary of terms/ abbreviations is contained in **Attachment 1** of this manual.

1.3. Security. End Items (EI) that are designated as classified, as well as associated technical data (i.e., technical orders (T.O.), blue prints, etc.) designated as Confidential, Secret, or Top Secret will not be entered as part of the G005M Bill of Material (BOM) data base.

Chapter 2

GENERAL SYSTEM DESCRIPTION

2.1. System Overview: The G005M system is used to identify material that must be prepositioned to support maintenance workloads. The system is also a source for identifying costs associated with depot repair. The system is processed at all ALCs and is intended to increase the effectiveness of material standards. To accomplish these objectives the system has been designed to satisfy the following requirements:

2.1.1. Allow for daily manual update and retrieval of material standards.

2.1.2. Allow for on-line query/data retrieval by users.

2.1.3. Compute material supportability.

2.1.4. Compute material requirements.

2.1.5. Allow for non-standard Bills of Material (BOM).

2.1.6. Maintain total ALC visibility of interchangeable and substitutable (I&S) data, plus part number/item source to stock number data.

2.1.7. Perform mechanized file maintenance of standards by utilizing data from interfacing systems (D071, D035K, H036B, etc.)

2.1.8. Perform interchange with the Requirements Data Bank (D200).

2.1.9. Perform usage analysis (standard updates).

2.1.10. Maintain data integrity between G005M and interfacing systems, and maintain predefined data relationships within G005M.

2.1.11. Mechanically compensate for issue posting errors.

2.2. System Operation:

2.2.1. System Functions.

2.2.1.1. Bill of Material (BOM). BOMs are developed by maintenance planners, and identify material requirements for each production number. The G005M system will not pass indirect material (cost code L, MCC I) requirements to D035K during the quarterly parts projection. The BOM file is the composite data base that identifies material required for end item repair, provides for mechanized material projection, and provides data for determination of material supportability and standard material costs. Procedures for developing BOMs via the G005M are contained in **Chapter 3** of this manual. The D200 Applications, Programs and Indentures (API) module in the Requirements Data Bank (RDB) system may be used to establish new BOMs.

2.2.1.2. Material Projections. The BOM Master file enables the material support system to develop total material requirements in support of maintenance workload(s) for a specific time period.

2.2.1.3. Driven Requirements. Appropriate BOMs are expanded by the quantity of the projected end item workload for a quarter. The results of this function determine the total material requirements by workload precedence. These requirements are processed automatically to the D035K

system once a quarter to determine material shortages and establish due-ins to supply for those shortages.

2.2.1.4. Supportability. The driven requirements are compared to the on-hand balances of the local supply accounts. Supportability reports are produced for the scheduler and shortage reports are produced for prime item managers, supply class clerks, supply item manager specialist, and material control personnel. Driven requirements are not established for indirect material. However, the supportability report (G005M151) shows quantities of the required indirect material that are available in depot supply.

2.2.2. System Processing.

2.2.2.1. Every quarter, the G019C Management of Item Subject to Repair (MISTR) system, passes total end items driven for the quarterly time frame, by precedence, NSN, and production number to the G005M. Based on this input, G005M expands the appropriate BOM by the end item driven requirements. Units per assembly, occurrence factors, and standard replacement factors are considered during this process. The summarized projected material requirement is passed to the D035K, AFMC Retail Stock Control and Distribution System, by precedence. Shortages are reported to the prime source as priority "06" (military standard requisitioning and issue procedures (MILSTRIP) priority) for precedence 1 and 2 requirements, and to the Air Logistics Center (ALC) for replenishment priority 13 for precedence 3 and 4. Precedence 5 requirement identifies future workloads and is only used to retain material within depot supply. The G005M uses the individual requirements identified in the projection process to allocate material during development of supportability products. Aircraft and missile workload requirements are projected for investment items to support 10-day workloads for precedence 1 and 2 workloads and no support for precedence 3 workloads.

2.2.2.2. File Maintenance of the BOMs is done by inputs to G005M (reference **Chapter 3**). G005M BOMs contain two types of records - standard records, used to project material requirements and develop a direct material cost; and non-standard records, included in the BOM for identification only and not to compute material requirements or effect material cost computations. BOMs are of two types - high volume (exceeds 99 EI per year) and low volume (less than 99 EI per year). Worksheets extracted from D200 with a J exemption code are not entered into the G005M. Properly planned BOMs contain Inter changeability and Substitutability (I&S) data to reflect least preferred to most preferred component data IAW AFR 67-1.

2.2.2.3. The G005M Depot Maintenance Material Support System uses an Automated Data Review (ADR) Datacom/DB to store and retrieve data. The Material Data Base (G005MMC) stores, updates, and retrieves data on Standard BOMs. The Validation Data Base (G005M-MV) stores, updates, and retrieves validation data obtained from the G004L system. The ADR Datacom/DB provides the users with access to this data on a demand basis (reference **Chapter 5**).

2.3. System Performance:

2.3.1. Input/Output. System input/output is provided by file maintenance transactions and system interfaces.

2.3.1.1. File maintenance transactions are detailed in **Chapter 3** of this manual.

2.3.1.2. Output products are detailed in **Chapter 4** and **Chapter 6** and **attachment 7** of this manual.

2.3.1.3. The following interfaces have been established between G005M and other systems:

2.3.1.3.1. Daily:

2.3.1.3.1.1. D035K - Back Order release data.

2.3.1.3.1.2. D071 - Stock Number User Directory (SNUD).

2.3.1.3.1.3. D035K - Updates the projected material shortage subsystem.

2.3.1.3.2. Weekly:

2.3.1.3.2.1. D200 - Applications Programs Indenture.

2.3.1.3.2.2. G004L - Validation and production data.

2.3.1.3.3. Biweekly:

2.3.1.3.3.1. D035K - Stock number master interchangeability and substitution (I&S) data.

2.3.1.3.3.2. D035K - Due-in status.

2.3.1.3.3.3. D035K - Management of Items Subject to Repair (MISTR data).

2.3.1.3.3.4. D035K - DMSC table data.

2.3.1.3.3.5. G019C - End item requirement.

Note: Biweekly supportability run builds a new shortage data base.

2.3.1.3.4. Monthly:

2.3.1.3.4.1. H036B - Unit repair cost data.

2.3.1.3.4.2. G004H - Usage history.

2.3.1.3.4.3. G004L - Production history.

2.3.1.3.4.4. G072A - Market basket items.

2.3.1.3.4.5. D071 - SNUD.

2.3.2. Environment.

2.3.2.1. IBM 370 Computer

2.3.2.2. MVS/XA Operating System

2.3.2.3. Key-to-Disk via G005M Remote Network

2.3.2.4. Key-to-Disk via KTD Computer equipment.

2.3.3. Users. Primary users of the G005M system are the maintenance planning technicians; secondary users include maintenance schedulers, supply personnel, and End Item Managers.

Chapter 3

BILL OF MATERIAL DEVELOPMENT AND REFINEMENT

3.1. BOM File Maintenance Transactions:

3.1.1. File Maintenance Requests for BOM. G005M has two key-to-disk options available to the user for file maintenance.

3.1.1.1. Key-to-disk utilizing KTD equipment.

3.1.1.2. Key-to-disk utilizing the G005M remote network.

3.1.2. Input. Input options are Add, Change, or Delete EI's or component items; Alter Replacement Percentages; Change Unit of Issue (UIs); and Update BOM data in the G005M system. When transactions are input and processed, the Daily G005M Transaction Register, G005M061, is produced which shows all valid transactions for the day (**Figure 4.10.**). If errors are present in the transaction, an Error Notification Report, G005M001 (**Figure 4.1.**) is produced showing invalid transactions for correction. The combination of these two listings negates the requirement to maintain a manual file of FM actions verifying that input transactions are processed. When an error appears in the Error Notification Report, the correction may be processed immediately.

NOTE: The G005M system uses a Data Base Management System (DBMS) that incorporates update capabilities. If an unusual situation occurs and a significant volume of individual transactions must be input, contact the G005M OPR to determine if changes can be made using DBMS capability. For example, if all BOM numbers within a specific FSC or RCC must be changed to a specific CC or MCC, this can be done via a single DBMS transaction, but would require multiple M04 transactions, input manually, to complete the task.

3.1.3. Procedures. Cataloging data for EI and component items is done automatically through interfaces with D035 and D071 system. Manual changes to this data may not be processed with a transaction code. If manual changes are required, delete and add transactions must be processed.

3.1.4. Formats/descriptions of G005M Add, Change, Delete and Request Input Transactions. All BOM FM input transactions for component items in established BOMs require a Reason for Change Code (**Attachment 3**). **Note:** Inputs with BOM action code R (request) are not FM transactions and are excluded from this requirement.

3.2. Material Classification:

3.2.1. Material is classified as direct or indirect. Direct material refers to material required by and identifiable to a maintenance job order or E/I. Direct material may become part of an item undergoing maintenance, or may be consumed in the maintenance process (e.g. heat treat, plating, painting). Items that must be classified as direct material include: serial number controlled, exchange, or organically manufactured items; components for organic manufacture; items classified as direct material in the same cost center; and those items considered peculiar, critical or requiring increased control. Indirect material refers to material that is costed to an overhead control number (UXXXX) because it cannot be easily identified to a particular E/I or system (e.g. bolts, nuts, washers, common use paint etc.).

3.2.2. G005M is programmed to assign a material classification code (MCC), direct or indirect, and a cost code (CC). The G005M data base contains data required to establish both an MCC and a maintenance CC.

3.2.2.1. Material with expendability, recoverability, reparability category (ERRC) code C,T, or S established on a BOM is direct exchange material and is assigned a direct (D) MCC and an E cost code. This CC can be changed to an M, if applicable, by use of an M07C transaction.

3.2.2.2. Material with ERRC code N or P established on a BOM is direct expense material if the unit of issue (UI) is each (EA), pair (PR), or set (SE). This material is assigned a direct (D) MCC and A cost code. This CC can be changed to a Z (customer furnished material) where applicable, by use of an M07C transaction.

3.2.2.3. Material with ERRC code N or P established on a BOM is indirect expense material and is assigned an indirect (I) MCC if the UI is bulk (other than EA, PR or SE). This material is always assigned an L cost code.

3.2.3. G005M assigns an MCC and a CC based on the above criteria when a new component is assigned. However assigned MCC and CC can be overridden. File maintenance transaction (M04) allows user to enter data for proper E/I costing. An M04 is a mass change transaction to update the MCC for a stock number within an RCC. The Common Item Listing, G005M300, **Figure 4.35.**, identifies other users affected by the change. Planners are furnished a valid transaction register in the transaction process. **Note:** Processing an M04 transaction will not affect direct or indirect stockage policy within an RCC.

3.2.4. MCCs are changed automatically when cataloging data changes (e.g. cost, UI, other SNUD data) warrant a corresponding change in MCC.

3.3. BOM Development:

3.3.1. BOMs are developed to record all materials required to support the repair of specific E/Is and are basis for:

3.3.1.1. Identifying material required to make repairs.

3.3.1.2. Automatic projections of material requirements for repair programs.

3.3.1.3. Determining material supportability.

3.3.1.4. Compiling material standard cost which is an integral part of Depot Maintenance Service (DMS), Air Force Industrial Fund (AFIF).

3.3.1.5. Establishing the DMS,AFIF sales price.

3.3.2. BOMs are developed as follow:

3.3.2.1. For aircraft engine overhaul, develop by mission, design and series (MDS), production number (PDN), and operation number. Aircraft engines not entered in the aircraft material standard at a replacement percent to support a repair program. Due to DMS, AFIF requirements, the cost for replacing aircraft engines will be charged to the owning activity through the centralized engine management system.

3.3.2.2. BOMs for aircraft projects are normally developed by MDS, production number, and operation number. If a family group of aircraft has a high commonalty of material and labor, the BOM may be established at the MDS level.

3.3.2.3. For other than aircraft and aircraft engines, BOMs are developed by end item, production number, and operation number.

3.3.3. During initial development of the BOM, the following procedures apply:

3.3.3.1. When a NEW workload is identified during workload negotiations, the material planner inputs a BOM establish request (M28) to G005M, and for subsequent request to the D200.F, Requirements Data Bank Applications/Programs/Indenture (RDB/API). Request for BOM extracts from D200 are transmitted to D200 from G005M at each ALC. Requesting ALC codes in request (column 31) are as follows.

Table 3.1. ALC Codes

CODE	ALC
F	SM-ALC
G	OO-ALC
H	OC-ALC
L	WR-ALC
P	SA-ALC

3.3.3.2. In response to above request, D200 outputs an interface tape to G005M containing specific data concerning the EI and all components, both direct and indirect, required to support the repair of the EI.

3.3.3.2.1. If any components on the D200 output are identified as recoverable (ERRC code C, T, or S), the item will remain identified as a component item to the EI within the PDN cited; however, if breakdown data is required, a new input request for each recoverable component must be input to the G005M to obtain the breakdown data from D200, using each component NSN and assigned production number.

3.3.3.2.2. If D200 does not contain required data elements for an output, a negative response will be made to the requesting organization. This response will be in the same format as the G005M105 (**Figure 4.21.**), New Bill of Material Worksheet, which reflects EI data only, and the remark "Negative Response from D200." When a negative response is received, the planner manually develops a BOM, and forwards a request in writing to the appropriate equipment specialist to establish an indenture in the D200 system.

3.3.3.2.3. The G005M converts the positive response data from the D200 output to a BOM Worksheet, G005M105. This worksheet is sent to the planner responsible for submitting the request input (M28). The planner reviews the worksheet against applicable technical data for correctness of D200 data and annotates the blank columns as required. The worksheet contains both direct and indirect material. The D200 data may be input as a standard record with the occurrence factor, units per assembly (UPA), and replacement percent fields filled, or as a non-standard record with the occurrence factor and UPA fields filled but with a blank replacement

percent field. The nonstandard record will remain on the BOM until manually deleted by the planner. Nonstandard records are recognized on the BOM with a CC of L.

3.3.3.3. When the BOM worksheet is input to G005M and processed by the computer, a daily Transaction List or Error Notification Report is provided to the planner showing those items that were established on the BOM or rejected due to errors.

3.3.3.4. When the planner is required to manually develop a BOM, and each stock numbered part to be included has been determined, the computation of the replacement percent for each part must be established. The formula for calculation of replacement percent is as follows:

Comp Rep Percent = (Reg Qty X 100 [NOTE1])/(E1 x OF x UPA)

Note1: Maximum times the operation can occur.

Comp Rep Percent = Component replacement percent.

Reg Qty = Quantity of identically stock numbered direct material items required at the supply UI (per operation).

100 = Number of times the operation can occur.

UPA = Units Per Assembly

OF = Occurrence Factor of the operation in relation to the EI workload.

EI = Number of end items.

3.3.3.4.1. Recognizing that production count is taken by operation, the component replacement ratio represents the quantity of parts used in a specific operation. The product of the OF, replacement percent, and UPAs yield the number of parts needed per EI repaired. In the event the supply UI is other than each, the effect of this factor upon the replacement percent during establishment must be considered. In all cases, the replacement percent should be initially calculated on the basis that the UI is "each." If the UI is other than "each," the replacement percent must be divided by the UI (quantity). In the event the UI is changed an internal recalculation of replacement percent is made by the G005M.

3.3.3.4.2. UPAs are normally considered to be the number of identical parts contained within the EI. However, since production count is taken by operations completed within an RCC, the UPA will be the number of identical parts within the production count operation.

3.3.3.4.3. The OF is the number of times an operation is planned or occurs in relation to the maximum number of times it could occur per EI being worked. When production count is taken by EI or by EI or by RCC, an OF of 1.00 will be used for material standard purposes. The use of OF for designated operations is necessary when material is projected and earned by operation.

3.3.3.4.4. The number of EI is the total quantity of aircraft, engines, generators, radar, etc., or related components, assemblies programmed for repair or overhaul, and for which parts are projected to do the repair.

3.3.3.4.5. The following is an example of replacement percent computation. Assume that 200 identical parts were used to repair 400 EIs and each EI contained eight of these identical parts

within that area of work encompassed by the considered operation. The operation occurs on the average of once for each two EIs repaired (OF of 0.50).

Comp Rep Percent = (200 X 100)/(400 X .50 X 8) = 12.5 Percent

3.3.3.4.6. Calculations of component replacement percent according to the above criteria are based on UIs, of the required item, as listed in federal or Air Force stock catalogs or stocklists.

3.4. Preparation of MDS Allocation Data (Transaction M19). An additional G005MM input is required to establish a current table of material allocations to the actual series being supported in a group of aircraft. This allocation table will be used to prorate material used for interface with the D200 system. Percentages will be based on the previous quarter production. When the schedule changes by series, the allocation table must be revised to reflect this change. In establishing the allocation table, all series to be processed will be indicated on a percentage basis up to 100 percent for the total group.

3.5. Issue Consolidation Table:

3.5.1. Material issues are tracked through the G004H Actual Material Cost System by production number, operation number, and RCC. This provides data for costing and budgeting purposes. G005M uses this G004H issue data to compute the actual replacement percent when refining the BOM. In many cases, some workloads contain multiple labor operations in which material is consumed. In these situations, the issue is often coded with the labor operation number. This causes the issues against a production number to be fragmented over many operations. This results in the material standards not being responsive to material requirements. G005M has logic that, at management option, will roll up all issues against a particular production number to one operation per division, regardless of the operation posed to the issue. This roll up feature is activated by adding the production number in question to the Issue Consolidation Table by use of the M34 transaction. Entry of the required data into the table will then cause all issues against the production number to be posted to one operation per division. (NOTE: Entry of the M34 transaction only affects issues that will enter G005M in future G004H/G005M cycles).

3.5.2. The input used to build the table is an M34 with an A action code. Action codes C and D will be used to change or delete data on the table. The M34 transaction format is contained in **Chapter 3**, **Figure 3.17.**.

3.6. Refining BOMs. BOMs must be reviewed/refined continually by the planning technician to reflect changes in workload, EI condition, changes in labor standards, organizational changes, etc., that affect the data in the BOM file. Particular attention should be given to increasing or decreasing usage trends between analysis periods. Material requisitioning and application awareness are the basis for refinement of replacement percentage between the quarterly usage analysis periods.

3.6.1. Usage data contained on the G005M data base should be deleted when:

3.6.1.1. Issues are charged to the wrong production number.

3.6.1.2. End item repair requirements have changed significantly.

3.6.1.3. Reliability of components have changed significantly. When it is determined by the planner that issue (usage) data are to be deleted, an M07C transaction will be input using a special reason for change code (**Chapter 3**, **Figure 3.5.**).

3.6.2. A mechanized analysis of materiel usage is made quarterly, on those BOMs that have reached their production analysis quantity (PAQ), to enhance BOM refinement efforts. This operation analyzes the range and rate of material issue history versus projected usage in comparable time frames to update BOM data in the data base. Variances between planned and actual usage rates are tested to determine significance of variance.

3.6.3. The material usage analysis operation is automatically triggered at the end of the quarter, based upon the PAQ. The PAQ is that quantity of production for a given workload that, when reached, triggers the BOM analysis at the end of the quarter (the PAQ for most production numbers is 25). During analysis, the G005M mechanically changes "ACTUAL to STANDARD" (utilizing issues and production) based upon four or eight quarters of history (high or low volume). (**Note:** If production does not reach the PAQ, BOM analysis will occur 1 year from date of last usage analysis utilizing eight quarters of history).

3.6.4. Throughout the quarter, the computer stores data reflecting automatic and manual file maintenance changes to the BOM. (**Note:** During analysis, the computer will attempt to compute an actual replacement percentage based on issues and production. If the UPA is blank, it will default to one and show one as the UPA). If an actual replacement percent of one or more is computed, that stock number will be added as a standard record (UPA of one and the computed actual replacement percent), with the following remarks: "Standard record established, planner should verify UPA."

3.6.5. The quarterly material usage analysis on active BOMs may result in computer-generated adjustments (adds, changes, or deletes) for a particular BOM. The adjustments will be shown on the Material Analysis Exception Report, G005M-097.

3.6.6. The quarterly analysis is also made on inactive BOMs to determine which dormant BOMs may be candidates for deletion. These BOMs coded for deletion are reported on the BOM Exception Worksheet and the Material Analysis Exception Report.

3.7. Programmed Analysis Criteria:

3.7.1. Production will be accumulated for standards or usage nonstandard records beginning with the quarter the first issue was recorded or from the date established if there were no issues.

3.7.2. Computations are automatically performed during the quarterly reporting period. History in the usage file will accumulate up to eight quarters.

3.7.3. Valid usage nonstandard records are component items ordered against an established production number and operation number. These records will be tracked and, when consumption warrants, the component will be recommended for an adjustment "add" to the BOM. Two consecutive quarters of issue history are required to recommend an "add".

3.7.4. When a usage nonstandard record containing a valid stock number (one that is established in the BOM under the proper production number) is ordered and the operation number is erroneous, the record will be combined automatically with the operation number on the BOM. If not possible, it will be dropped. (Reference Unplanned Issue Report, G005M-099, Fig. 4.20).

3.7.5. Deletion Criteria:

3.7.5.1. Delete Nonstandard Record (NSR). NSR is a NSN with zero UPA and zero replacement percent. Records are deleted when there are two quarters of production history with no issues.

3.7.5.2. Standard Record (SR). SR is a NSN with UPA and a replacement record. When usage compared to production (with eight quarters of history) is so low that G005M cannot compute a replacement factor of at least one percent, G005M will:

3.7.5.2.1. Recommend deletion.

3.7.5.2.2. Zero out the replacement percent thereby creating a nonstandard record. (**Note**: This action occurs during quarterly analysis).

3.7.5.3. Stocklist Change. During the stocklist change cycle, the following applies:

3.7.5.3.1. If the AAC changes to V or X, G005M prints the message "Terminal Item, Substitute Required".

3.7.5.3.2. If the AAC changes to Y, G005M will change the standard replacement percent to zero and delete the component during quarterly analysis. (**Note:** Reference Analysis Error Messages, **Attachment 4**).

3.7.5.4. BOM Deletion.

3.7.5.4.1. If G004L has dropped a production number, during the quarter, G005M will delete the G005M monthly.

3.7.5.4.2. If a production number resides in G005M for five consecutive quarters with no production history, the EI data will appear on the G005M-097 Analysis Report with the remarks five quarters no production, scheduled for deletion next quarter". (**Note:** Failure to submit an M05 transaction to change "Date Established" will result in a deletion during the sixth quarter analysis (regardless of repair group category). Upon deletion, the M097 report will display message "six quarters no production, production number deleted".

3.7.5.5. During analysis, when a standard record computes to a delete, the standard replacement percent (REP Percent) will be eliminated and the Rep Percent column on the COM will contain zeros. The UPA and OCC FAC columns will not change. These records will then be carried on the BOM until manually deleted by the planner.

3.8. Connecting to RDB. To enter G005M BOM transactions, the user must be connected to the Requirements Data Bank (RDB) system. Following are instructions for making that connection.

3.8.1. To call up RDB enter c rdb* and return.

3.8.2. Once a link is established to rdb, the ENTER TERMINAL TYPE prompt will appear. At this point type in: rdbz248, and return.

3.8.3. The next screen will require you to ENTER APPLICATION REQUEST. Enter rehprd at the cursor and return.

3.9. BOM Transactions. This section contains G005M transactions for BOM development and refinement.

Figure 3.1. MO1-End Item Establish

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M01'
ACT CODE:	ALPHA	1	4	MUST ENTER 'A'
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
E/I IDENT:	ALPHANUMERIC	15	11-25	MUST ENTER
PROD NR:	ALPHANUMERIC	6	26-31	MUST ENTER
E/I DESC:	ALPHANUMERIC	18	32-49	PAI
ACC/SC:	ALPHANUMERIC	6	50-55	MUST ENTER
	SKIP	1	56	LEAVE BLANK
*DIV:	ALPHA	1	57	PAI
*ALC:	ALPHA	1	58	PAI
*EQ SP:	ALPHANUMERIC	2	59-61	PAI
*PM SP CO:	ALPHANUMERIC	2	61-62	PAI
RGC:	ALPHA	1	63	MUST ENTER
	SKIP	17	64-80	LEAVE BLANK

This transaction is used to establish an E/I identity or production number in the material data base (MC) to establish a BOM or accumulating direct material usage history. Production number must be opened in the G004L before this transaction is input.

Note: * These fields may be omitted. Data will be overlayed from mechanized interfaces with other systems.

Figure 3.2. M03-Component Item Establish

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M03'
ACT CODE:	ALPHA	1	4	MUST ENTER 'A'
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
	SKIP	15	11-25	LEAVE BLANK
PROD NR:	ALPHANUMERIC	6	26-31	MUST ENTER
OPER NR:	ALPHANUMERIC	5	32-36	MUST ENTER
C/I NSN:	ALPHANUMERIC	15	37-51	MUST ENTER
OCC FAC:	NUMERIC	3	52-54	MUST ENTER
UPA:	NUMERIC	4	55-58	MUST ENTER
STD REP %:	NUMERIC	3	59-61	MUST ENTER
DIST CODE:	ALPHANUMERIC	2	62-63	PAI
	SKIP	1	64	LEAVE BLANK
U/I:	ALPHA	2	65-66	PAI
ERC:	ALPHA	1	67	PAI
PSN:	ALPHA	1	68	PAI
CC OVERRIDE:	ALPHA	1	69	PAI
COST CODE:	ALPHA	1	70	PAI
UTL:	ALPHANUMERIC	1	71	PAI
MATL CLASS:	ALPHA	1	72	PAI
ANALYSIS SUPP:	ALPHA	1	73	PAI
RCC/SC:	ALPHA	6	74-79	MUST ENTER
RSN:	ALPHA	1	80	MUST ENTER

Catalog data input will not be accepted if the NSN is already on file. The option of establishing indirect material with a M03 transaction may be used by placing an X in cost code override, and MCC D or I in Matl Class.

Figure 3.3. M04 - Material Classification Code

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M04'
ACTION CD:	ALPHA	1	4	MUST ENTER 'C'
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
C/I NSN:	ALPHANUMERIC	15	11-25	MUST ENTER
RCC/SD:	ALPHANUMERIC	6	26-31	MUST ENTER
MCC:	ALPHA	1	32	MUST ENTER (D OR I)
C/C:	ALPHA	1	33	PAI
	SKIP	47	34-80	LEAVE BLANK

The G005M system will establish an MCC (direct or indirect) and a CC for each item on the BOM, according to the criteria established in paragraph **3.2.** Override capability is provided to the planner and material personnel. An M04 transaction will change the MCC and the CC when the NSN appears within the same RCC. If the NSN is stocked in the MIC or bench stocked but isn't established on any BOM, the M04 transaction will be returned as unmatched. This indicates the NSN isn't on the data base. The NSN will be assigned the new MCC. When the MCC is changed from direct to indirect, the CC will automatically be assigned L.

Figure 3.4. End Item F/M Transactions

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
* TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M05'
* ACT CODE:	ALPHA	1	4	MUST ENTER 'C OR D'
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
EI IDENT:	ALPHANUMERIC	15	11-25	(SKIP FOR C ACTION)
				MUST ENTER FOR D ACTION
* PROD NR:	ALPHANUMERIC	6	26-31	MUST ENTER
----------END OF DELETE ACTION----------				
	NOUN	18	32-49	PAI
ACC SC:	ALPHANUMERIC	6	50-55	PAI
	SKIP	1	56	LEAVE BLANK
DIV:	ALPHA	1	57	PAI
ALC:	ALPHA	1	58	PAI
EQ SP:	ALPHANUMERIC	2	59-60	PAI
PM SP CD:	ALPHANUMERIC	2	61-62	PAI
RGC:	ALPHA	1	63	PAI
DATE:	NUMERIC	5	64-68	PAI
	SKIP	12	69-80	LEAVE BLANK

3.9.1. M05C. Change EI Related Data.

3.9.1.1. Entries on this input, except control data, will overlay existing information in the data base. All fields left blank will result in data for the blank fields being retained as it exists in the data base.

NOTE: * These fields are control data and are required fields on the input transaction. These fields can't be changed with a C action code. Changes to these fields require a deletion of the old data and an addition of new data or an M11 mass change. All other fields will overlay new data. Fields left blank will retain old data.

3.9.2. M05D. Deletion Of EI Identity BOM.

3.9.2.1. Each ALC may restrict the input of this transaction by permitting only single source input. If this option is required, contact G005M OPR.

3.9.2.2. Deletion of EI data will also delete component items and all PDNs related to the EI. However, stocklist changes that automatically change the EI will not affect component item data.

Figure 3.5. M07 - Component Item NSN F/M.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M07'
ACT CODE: 'C OR D'	ALPHA	1	4	MUST ENTER
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER FOR C ACTION ONLY
	SKIP	15	11-25	LEAVE BLANK
PROD NR:	ALPHANUMERIC	6	26-31	MUST ENTER
OPER NR:	ALPHANUMERIC	5	32-36	MUST ENTER
C/I NSN:	ALPHANUMERIC	15	37-51	MUST ENTER
UPA:	NUMERIC	4	52-55	PAI (SKIP FOR DELETE)
STD REP %:	NUMERIC	3	56-58	PAI (SKIP FOR DELETE)
	SKIP	3	59-61	LEAVE BLANK
DIST CODE:	ALPHANUMERIC	2	62-63	PAI
	SKIP	1	64	LEAVE BLANK
C/C:	ALPHA	1	65	PAI (SKIP FOR DELETE)
ANALYSIS SUPP:	ALPHANUMERIC	1	66	PAI
UTL:	ALPHANUMERIC	1	67	PAI (SKIP FOR DELETE)
	SKIP	12	68-79	LEAVE BLANK
RSN:	ALPHA	1	80	MUST ENTER

3.9.3. M07C. BOM Adjustment - Component Item Change.

3.9.3.1. BOM adjustment to component NSN STD occurrence factor can't be updated with this transaction. Entries on this input, except control data, will overlay existing information in data base.

Note: * These fields are control data and are required fields on the input transaction. These fields can't be changed with a C action code. Changes to these fields require a deletion of the old data and an addition of new data. All other fields will overlay new data. Fields left blank will retain old data.

3.9.3.2. There are certain situations where data history contained on the G005M data base should be deleted.

3.9.3.2.1. Issues charged to wrong production number.

3.9.3.2.2. EI repair requirements have changed significantly.

3.9.3.2.3. Reliability of components has changed significantly.

3.9.3.3. Instead of G005M tracking and projecting this erroneous issue data, the data should be deleted and correct standard replacement percentage and UPA entered. When it is determined that issue (usage) data are to be deleted, an M07C with 'Reason for Change' code from list below:

B = Posted issues for this component in error.

C = Repair requirements (T.O.) changed.

D = Reliability of component modified.

E = Component actual usage not correctly reflected by issue data.

(For further explanation of Reason for Change codes, see **Attachment 2**).

3.9.3.4. The M07C submitted to G005M must have both the UPA and STD REP %.

3.9.4. M07D. Delete Component NSN STD From A Specific BOM.

Figure 3.6. M08-Bill of Material Add

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M08'
ACT CODE:	ALPHA	1	4	MUST ENTER 'A'
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
E/I IDENT:	ALPHANUMERIC	15	11-25	MUST ENTER
OLD PROD:	ALPHANUMERIC	6	26-31	MUST ENTER
NEW PROD:	ALPHANUMERIC	6	32-37	MUST ENTER
	SKIP	43	38-80	LEAVE BLANK

This transaction allows the planner to establish a BOM on new workloads similar to current workloads established on the G005M data base. When the planner inputs the new EI identity, new production number, and the current production number, G005M will automatically establish the EI and component items for the new BOM using the data from the current production number, leaving the current production number intact. A BOM master list for the new EI will be produced and a copy sent to the planner 2 days after input.

The production number must be open in G004L before this transaction is input.

Figure 3.7. M10 - Item Source F/M Transactions.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC 'M10'	3	1-3	MUST ENTER
ACT CODE:	ALPHA	1	4	MUST ENTER 'A,C OR D'
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
NSN:	ALPHANUMERIC	15	11-25	MUST ENTER
SOURCE NO:	ALPHANUMERIC	15	26-40	MUST ENTER
FSCM:	ALPHANUMERIC	5	41-45	MUST ENTER
---------- END OF ADD OR DELETE ACTION ----------				
SOURCE NO:	ALPHANUMERIC	15	46-60	PA1
FSCM:	ALPHANUMERIC	5	61-65	PA1
	SKIP	15	66-80	LEAVE BLANK

3.9.5. M10A. Add an item source number (manufacturing production number) data to an existing stock number (EI or component item).

3.9.5.1. Item source number is a 15 position number assigned by the manufacturer to identify the product. This field must be an official number, not a noun, code name, etc. Multiple item source numbers may be used.

3.9.6. M10C. Change an item source number (manufacturing production number) FSCM data. If "new" item source or "new" FSCM are filled, the "old" fields must also be filled.

Figure 3.8. M11 - Mass Control Data Change.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M11'
ACT CODE:	ALPHA	1	4	MUST ENTER 'C OR D'
PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
PROD NO:	ALPHANUMERIC	6	11-16	MUST ENTER
OPER NO:	ALPHANUMERIC	5	17-21	MUST ENTER
	SKIP	2	22-23	LEAVE BLANK
RCC/SD:	ALPHA	6	24-29	LEAVE BLANK (D ACTION)
	SKIP	1	30	LEAVE BLANK
---------- END OF DELETE ACTION ----------				
PLANNER:	ALPHANUMERIC	6	31-36	PAI
PROD NO:	ALPHANUMERIC	6	37-42	PAI
OPER NO:	ALPHANUMERIC	5	43-47	PAI
	SKIP	2	48-49	LEAVE BLANK
RCC/SD:	ALPHA	6	50-55	PAI
	SKIP	25	56-80	LEAVE BLANK

3.9.7. M11. Control data changes and deletions.

3.9.7.1. These transactions will produce mass changes to related data within a specific production number or within a specific operation of a production number.

3.9.7.1.1. This transaction will produce mass changes to the data base. An M11 input will overlay the new data to the old data. Changes may be made to responsible engineering organization, operation, RCC, or scheduling designator.

3.9.7.1.2. Mass changes involving data for more than one production number will be made under the direction of G005M System OPR.

3.9.7.2. Mass changes are not possible on a component item stock number. To change component item NSN, submit a transaction to delete the old NSN (M07D) and then another transaction (M03A) to add the new component item NSN.

Note: * These fields are not edited to allow the engineer or planner a method of correcting data errors that exist on their BOMs. All other fields will be edited to eliminate erroneous entries. When columns in the "Current Data Field" require changes, the same columns in the "New Data Field" must be completed.

3.9.7.2.1. Specific mass change transactions (see Mass Change Matrix, (**Figure 3.1.**).

3.9.7.2.2. The field blocks refer to blocks on the M11 transaction format above. An M05 transaction must be submitted to change an ACC.

3.9.7.2.3. All M11 transactions must go through the G005M System OPR.

Figure 3.9. M15 - BOM Master Request.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
* TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M07'
* ACT CODE:	ALPHA	1	4	MUST ENTER 'C OR D'
* REQ ORG:	ALPHANUMERIC	6	5-10	MUST ENTER 'R'
	SKIP	15	11-25	LEAVE BLANK
PROD NR:	ALPHANUMERIC	6	26-31	MUST ENTER
OPER NR:	ALPHANUMERIC	5	32-36	PAI
	SKIP	24	37-60	LEAVE BLANK
UTL:	NUMERIC	1	61	MUST ENTER '2' OR BLANK
	SKIP	19	62-80	LEAVE BLANK

This transaction is used to request a Planning BOM.

Specific field requirements (see BOM Request Matrix, **Figure 3.2.**).

A planner may request a Master BOM by production number or production number and operation number. It is possible to request mass printouts of BOMs by responsible engineering organization, branch, section, or specific planner. These requirements must be input by the G005M System OPR.

Figure 3.10. M16 - Inquiry or BOM E/I Identity.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M16'
ACTION CODE:	ALPHA	1	4	MUST ENTER 'R'
REQ ORG:	ALPHANUMERIC	6	5-10	MUST ENTER
E/I IDENT:	ALPHANUMERIC	15	11-25	MUST ENTER
	SKIP	55	26-80	LEAVE BLANK

Displays E/I Information.

Figure 3.11. M17 - Item Source NR/NSN C/R Request

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M16'
ACT CODE:	ALPHA	1	4	MUST ENTER 'R'
REQ ORG:	ALPHANUMERIC	6	5-10	MUST ENTER
* NSN:	ALPHANUMERIC	15	11-25	PAI
	SKIP	13	26-38	LEAVE BLANK
FSCM	ALPHANUMERIC	5	39-43	PAI
	SKIP	11	44-54	LEAVE BLANK
*SOURCE NR:	ALPHANUMERIC	15	55-69	PAI
	SKIP	11	70-80	LEAVE BLANK

When requesting item source number/NSN cross reference data, input either the NSN or the item source number (part number).

Figure 3.12. M19 - MDS Allocation F/M Transactions.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER '19'
ACTION CODE:	ALPHA	1	4	MUST ENTER 'A,C,D OR R'
RCC/SD:	ALPHANUMERIC	6	5-10	MUST ENTER
PROD NR:	ALPHANUMERIC	6	11-16	MUST ENTER FOR 'A,C OR D'
---------- END OF DELETE OR REQUEST ACTIONS ----------				
MDS:	ALPHANUMERIC	15	17-31	MUST ENTER A ACT
MDS % FAC:	NUMERIC	3	32-34	MUST ENTER A,C ACT
	SKIP	46	35-80	LEAVE BLANK

3.9.8. M19A. Establish MDS Allocation Account Table.

3.9.8.1. The total MDS percentage factor for all series of an MD must equal 100 percent. Separate transactions are required to establish a record for each MDS.

3.9.9. M19C. Change MDS Allocation Account Table.

3.9.9.1. To change the percentage factor of a particular series in the MDS Allocation Account Table. The new MDS percentage factor will overlay the current factor.

3.9.10. M19U. Delete An MDS Allocation Account Table.

3.9.10.1. To delete an MDS Allocation Account Table in its entirety.

3.10. M19R. MDS Allocation Account Table Printout.

3.10.1. If the production number field has enter, the MDS Allocation Account Table for the production number cited will be produced. When the production number field is blank, all MDS Allocation Account Tables within the AC or SD will be produced.

Figure 3.13. M20 - SIMS Table F/M Transactions

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
*TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M20'
*ACTION CODE:	ALPHA	1	4	MUST ENTER 'A,C OR D
SUB ORG:	ALPHANUMERIC	6	5-10	MUST ENTER
* E/I IDENT:	ALPHANUMERIC	15	11-25	MUST ENTER
---------- END OF DELETE ACTION ----------				
MGR CODE:	ALPHA	2	26-27	MUST ENTER A ACT
PHONE EXT:	NUMERIC	4	28-31	MUST ENTER A ACT
SIMS ORG:	ALPHANUMERIC	6	32-37	MUST ENTER A ACT EDIT FOR 'DS' COLS 32-33
	SKIP	43	38-80	LEAVE BLANK

Supply Item Manager Specialist (SIMs) Table File Maintenance. This transaction is used to establish, change, or delete data assigned to a SIMS. The SIMS code is input by the G005M System OPR from information supplied by the SIMS. This code is used by G005M to sort the Depot Supply Nonsupportability Report, (G005M152, figure 4-24), by MDS or FSC to the responsible SIMS. The SIMS uses the report to identify the component items which require priority upgrading or other expedite actions. A change action will overlay any data element on the SIMS table except for the EI identity. This is a control element and to change this data a delete (D) action to drop the old EI identity and add (A) action to establish the new EI identity would be required. These actions may be processed during the same file maintenance period.

Note: * These fields are required for deletions.

Figure 3.14. M28 - Request To Establish a BOM.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
* TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M28'
* REQ ORG:	ALPHANUMERIC	6	4-9	MUST ENTER
* E/I IDENT:	ALPHANUMERIC	15	10-24	MUST ENTER
* PROD NR:	ALPHANUMERIC	6	25-30	MUST ENTER
* ALC:	ALPHA	1	31	MUST ENTER
* P/C	NUMERIC	1	32	MUST ENTER '0 OR 5'
	SKIP	48	33-80	LEAVE BLANK

Request for raw data to establish a BOM.

Note: * Required fields.

Figure 3.15. M29 - Low Volume Est Price F/M.

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
* TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M29'
* REQ ORG:	ALPHANUMERIC	1	1	MUST ENTER 'A,C OR D'
* PLANNER:	ALPHANUMERIC	6	5-10	MUST ENTER
* PROD NR:	ALPHANUMERIC	6	11-16	MUST ENTER
* OPER NR:	ALPHANUMERIC	5	17-21	MUST ENTER
---------- END OF DELETE ACTION ----------				
ACC/SD:	ALPHANUMERIC	6	22-27	PA1
COST-EXP:	NUMERIC	9	28-36	PA1
COST-INV:	NUMERIC	9	37-45	PA1
	SKIP	35	46-80	LEAVE BLANK

This transaction will add, change or delete a record in the Low Volume BOM.

Note: * Required fields for deletions.

Figure 3.16. M33 - NOCM Asset Worksheet F/M

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M33'
	SKIP	1	4	LEAVE BLANK
ORIGINATOR:	ALPHANUMERIC	6	5-10	MUST ENTER= MTPWWD
STOCK HR:	ALPHANUMERIC	15	11-25	MUST ENTER
	SKIP	5	26-30	LEAVE BLANK
ASSET REV:	NUMERIC	5	31-35	MUST ENTER
	SKIP	45	36-80	LEAVE BLANK

SA-ALC ONLY

Figure 3.17. M34 - Issue Table Update

PROMPT	CHAR TYPE	COL	FIELD	INSTRUCTIONS
TRANS CODE:	ALPHANUMERIC	3	1-3	MUST ENTER 'M34'
ACT CODE:	ALPHA	1	4	MUST ENTER 'A,C, OR D'
REQ ORG:	ALPHANUMERIC	6	5-10	MUST ENTER
PROD NR:	ALPHANUMERIC	6	11-16	MUST ENTER
DIV:	ALPHA	2	17-18	MUST ENTER
---------- END OF DELETE ACTIONS ----------				
* OPER NR:	ALPHANUMERIC	5	19-23	MUST ENTER A ACT
* PLANNER:	ALPHANUMERIC	6	24-29	PAI
* RCC/SD:	ALPHA	6	30-35	MUST ENTYER A ACT
	SKIP	45	36-80	LEAVE BLANK

ISSUE CONSOLIDATED TABLE

This transaction is used to establish, change or delete data on a production number when all material issues will be posted to one operation regardless of how many operations are on the production number.

Note: * Not required with action code D.

Chapter 4

SYSTEM OUTPUT PRODUCTS

4.1. This section contains sample output products from the G005M system. These products are used by the Planner to verify production number data and by the PSF to verify component data. A description of each product and a sample product are contained in the chapter.

Table 4.1. G005M Error Notification

TITLE	G005M ERROR NOTIFICATION REPORT
PCN	A-G005M-001-DE-MFR
JOB	MMUDE /MMUMG
PREPARATION	DAILY
PRODUCT USE	This product serves as a notification to the user of those inputs which have been rejected. The error notification will be produced as a result of errors detected by the computer. All inputs will be edited. The list will show an image of the input as submitted, the date the error was detected, and a remarks column which will reflect error messages.
PRODUCT FORMAT	The format for this report will vary depending on the type of transaction being submitted. The following format information will be for the example shown. a. Heading Elements. (1) MANEFA. Responsible engineering organization. The activity and planners code assigned engineering/planning responsibility. (2) DAILY G005M ERROR NOTIFICATION REPORT. Title (3) 09-03-91. Date. The day, month, and year this list was produced. (4) A-G005M-0001-DE-MFR. The product control number assigned this report for tracking purposes. (5) Pg. The consecutive page number within the report. b. Column Data.
COLUMN 1-3	Transaction Code: A three position alphanumeric code used to identify the functional area to which an input is being made and the identity of the actual transaction. (M07)
COLUMN 4	Action Code: A one position alpha code that identifies the type of BOM file maintenance to be performed. A=add, C=change, D=delete
COLUMN 5-10	Responsible Engineering Organization: The activity and planners code assigned engineering/planning responsibility.
COLUMN 26-31	Production Number: A six position number assigned to each workload which is used to track labor and material costs, includes control number and job designator.
COLUMN 32-36	Operation Number: A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

COLUMN 37-51	Component NSN: The National Stock Number assigned to the BOM component item.
COLUMN 56-58	Standard Replacement Percent: The percentage of times a component item is removed and replaced with serviceable items through supply (when compared to the number of times the component is removed as a candidate for repair).
PROCESSING DATE	Date transaction was processed.
PROCESSING TIME	Time transaction was processed.
REMARKS	This field contains the actual error message.

Note: The G005M ERROR NOTIFICATION REPORT will very depending on the type of transaction being processed. Contact the System OPR if you have specific questions.

Figure 4.1. A-G005M-001-DE-MFR - Error Notification Report/Daily

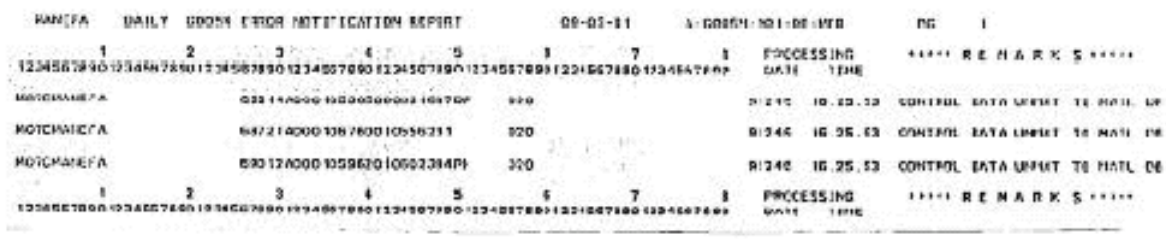


Table 4.2. G005M Error Notification

TITLE	G005M ERROR NOTIFICATION LIST (MONTHLY/FICHE)
PCN	A-G005M-0001-DE-MFR
PREPARATION	MONTHLY/15th. CALANDAR DAY/1st WORK DAY
PRODUCT USE	This report is a monthly recap of all G005M transaction errors generated during the month. The report is generated in microfiche form.
PRODUCT FORMAT:	The Daily and Monthly Error List have the same format.

Figure 4.2. A-G005M-001-DE-MFR - Error Notification List/Monthly

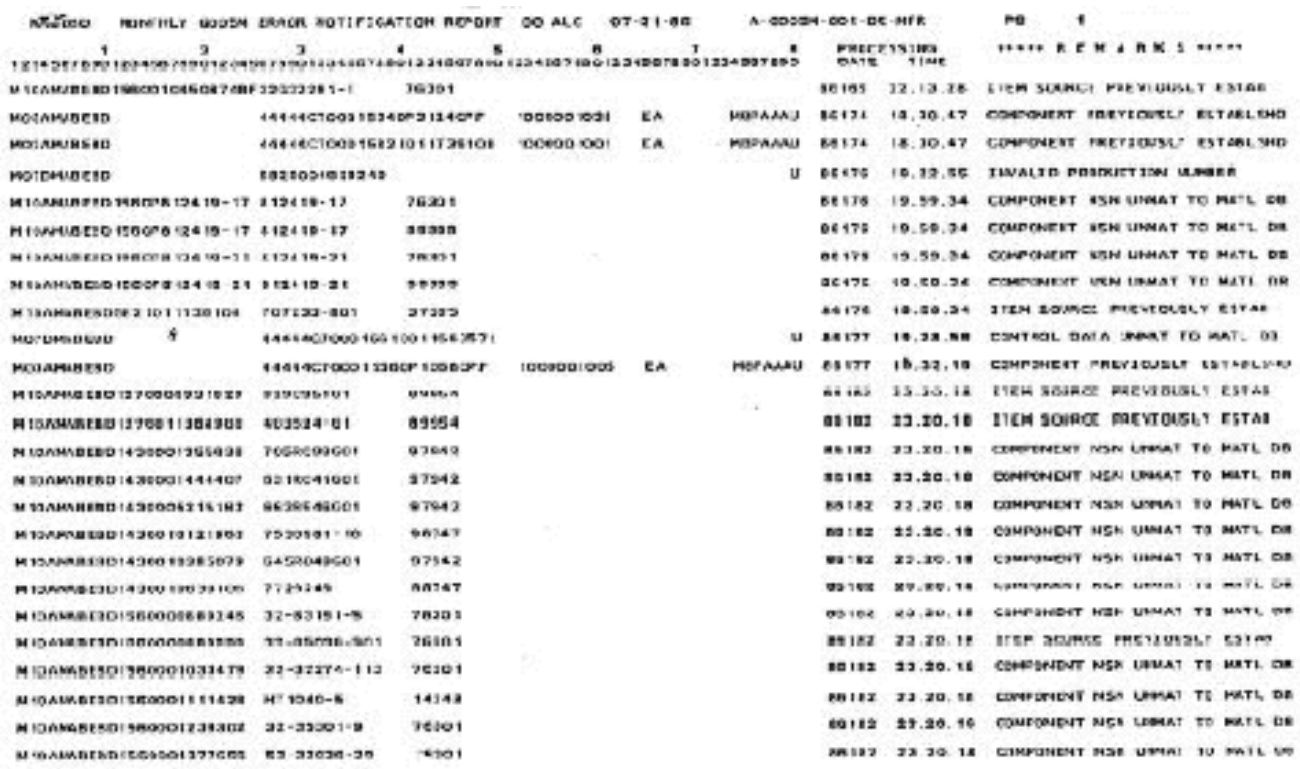


Table 4.3. G005M High Cost Items

TITLE	G005M HIGH COST ITEMS
PCN	A-G005M-020-98-MBJ
	A-G005M-021-98-MBK
	A-G005M-022-98-MBL
	A-G005M-023-98-MBE
	A-G005M-024-98-MBF
	A-G005M-025-98-MBM
JOB	MMU98
PREPARATION	QUARTERLY/END OF QUARTER/1st WORKDAY

*** The G005M-020, 021, 022, 023, 024, and 025 are basically the same report the only difference being as follows:

A-G005M-020, TOTAL COST SEQUENCE

A-G005M-021, STOCK NUMBER SEQUENCE

A-G005M-022, ENGINEER/TOTAL COST SEQUENCE

A-G005M-023, RCC/TOTAL COST SEQUENCE

A-G005M-024, STOCK NUMBER/TOTAL COST SEQUENCE

A-G005M-025, TOTAL COST/STOCK NUMBER SEQUENCE

PRODUCT USE

These reports reflect total issue and total cost of component items, (when the total cost exceeds 5,000.00 dollars). They can be used to determine those component items which seem to have an excessive cost based on total issues against production. The planners can use these reports to verify the total cost of each BOM they are responsible for.

PRODUCT FORMAT:

a. Heading Elements.

(1) TITLE. G005M HIGH COST REPORT

(2) PCN. Product Control Number. The number assigned this report for tracking purposes.

(3) PAGE. The consecutive page number within the report.

b. Column Data.

(1) RCC. Resource Control Number. The cost center within maintenance responsible for controlling resources used in the repair of EIs.

(2) RESP ENGR. Responsible Engineer. The activity and planners code assigned engineering/planning responsibility.

(3) PROD NUMBER. Production Number. A six position number assigned to each workload which is used to track labor and material costs, includes control number and job designator.

(4) OPER NUMBER. Operation Number. A five position field assigned represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

(5) COMPONENT NUMBER. The NSN of material that is used in the repair of an end item and is individually identified.

(6) ERRC. The designator signifying expendability, recoverability, repairability category code for a component item.

(7) UNIT PRICE. The stock list price of a component item.

(8) QH. Quarters History. The number of quarters history used in preparing this report.

(9) TOTAL ISSUES. Total components issued, based on the number of quarters history.

(10) TOTAL COST. The total cost of component issues. Formula: Total Issues X Unit Price = Total Cost.

Figure 4.3. A-G005M-020-98-MBJ - Total Cost Sequence

MAS G005M HIGH COST ITEMS A-G005M-020-98-MBJ PAGE 1
TOTAL COST SEQUENCE

RCC	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST
MBPAAA	MABEBD	44444C	70001	1560011118030BF	N	9803.00	7	220	2150000.00
MBPAAA	MABEBD	44444C	70001	1560084075445BF	N	1495.35	8	959	1434395.85
MBPAAA	MABEBD	44444C	70001	1630002182374	P	53.89	8	5089	274166.21
MBPAAA	MABEBD	44444C	70001	1560011141663BF	N	1204.20	5	183	222410.60
MBPAAA	MABEBD	44444C	70001	1560011741CC40F	N	1004.30	C	184	221979.88
MBPAAA	MABEBD	44444C	70001	4720008117760	N	297.13	8	708	210352.84
MBPAAA	MABEBD	44444C	70001	0415015204228F	P	888.53	8	187	166359.91
MBPAAA	MABEBD	44444C	70001	1560008146350BF	N	2121.00	7	82	174002.00
MBPAAA	MABEBD	44444C	70001	0415015204130BF	P	778.07	8	487	439204.80
MBPAAA	MABEBD	44444C	70001	5305003180553	N	465.06	8	278	129286.68
MBPAAA	MABEBD	44444C	70001	1560004445014BF	N	758.35	8	170	128863.50
MBPAAA	MABEBD	44444C	70001	1660007160866BF	N	3207.00	5	39	125103.00
MBPAAA	MABEBD	44444C	70001	1560007531102BF	P	514.56	8	243	125062.38
MBPAAA	MABEBD	44444C	70001	1630002182378	N	23.70	8	4020	188334.00
MBPAAA	MABEBD	44444C	70001	1560P112520F	N	4398.30	8	26	114366.80
MBPAAA	MABEBD	44444C	70001	1560008500386BF	N	335.85	8	337	113118.05
MBPAAA	MABEBD	44444C	70001	5350003650223	N	517.58	8	214	110782.12
MBPAAA	MABEBD	44444C	70001	0415015246075BF	P	778.87	8	135	104374.13
MBPAAA	MABEBD	44444C	70001	1560009062238BF	N	7148.27	8	15	107224.05

Figure 4.4. A-G005M-021-98-MBK - Stock Number Sequence

MAS G005M HIGH COST ITEMS A-G005M-021-98-MBK PAGE 1
STOCK NUMBER/TOTAL COST SEQUENCE

RCC	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST
MBPAAA	MABEBD	44444C	70001	1098000050808BF	P	5858.20	8	8	46845.60
MBPAAA	MABEBD	44444C	70001	1095012534108BF	P	7283.53	4	3	21847.58
MBPAAA	MABEBD	44444C	70001	1270000831981	N	299.26	7	33	6874.25
MBPAAA	MABEBD	44444C	70001	1377002350952	N	146.23	8	82	11985.86
MBPAAA	MABEBD	44444C	70001	1377004123105	N	86.00	8	73	6189.88
MBPAAA	MABEBD	44444C	70001	1377005988592	N	372.30	8	64	23827.20
MBPAAA	MABEBD	44444C	70001	1430008007598AB	N	1870.00	8	3	5610.00
MBPAAA	MABEBD	44444C	70001	1430008760513JJ	P	6330.00	8	5	31650.00
MBPAAA	MABEBD	44444C	70001	1560N0017171908F	N	874.88	8	34	8036.00
MBPAAA	MABEBD	44444C	70001	1560P101294F	N	82.59	8	82	6210.17
MBPAAA	MABEBD	44444C	70001	1560P105587F	N	49.65	8	117	5848.32
MBPAAA	MABEBD	44444C	70001	1560P103834F	N	352.85	8	20	7059.00
MBPAAA	MABEBD	44444C	70001	1560P109288F	N	43.40	8	122	5294.80
MBPAAA	MABEBD	44444C	70001	1560P110491F	N	40.18	8	168	6750.24
MBPAAA	MABEBD	44444C	70001	1560P111666F	N	48.78	8	121	5902.38
MBPAAA	MABEBD	44444C	70001	1560P112320F	N	47.78	8	139	6641.42
MBPAAA	MABEBD	44444C	70001	1560P112813F	N	40.70	8	117	5463.90
MBPAAA	MABEBD	44444C	70001	1560P112320F	N	135.80	8	77	10441.30
MBPAAA	MABEBD	44444C	70001	1560P112813F	N	49.98	8	150	7494.00
MBPAAA	MABEBD	44444C	70001	1560P112814F	N	51.94	8	139	7194.56
MBPAAA	MABEBD	44444C	70001	1560P112815F	N	35.96	8	190	6832.40

Figure 4.5. A-G005M-022-98-MBL - Engineer/Total Cost Sequence

MAD G005M HIGH COST ITEMS A-G005M-022-98-MBL PAGE 1
ENGINEER SEQUENCE

RCC	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST
MBPAAA	MABEBD	44444C	70001	1430008780913JJ	P	6130.00	8	5	31650.00
MBPAAA	MABEBD	44444C	70001	1430000857826AB	N	1870.00	8	3	5610.00
MBPAAA	MABEBD	44444C	70001	1377009988592	N	372.30	8	64	23827.20
MBPAAA	MABEBD	44444C	70001	1377004123206	N	86.00	8	72	6192.00
MBPAAA	MABEBD	44444C	70001	1377002386552	N	145.23	8	82	11908.86
MBPAAA	MABEBD	44444C	70001	1270000631981	N	202.25	7	33	6674.25
MBPAAA	MABEBD	44444C	70001	1095011203410BF	P	7282.52	4	3	21847.56
MBPAAA	MABEBD	44444C	70001	1095000053888BF	P	5868.20	8	8	46945.60
MBPAAA	MABEBD	44444C	70001	1560008246806BF	N	121.98	7	73	8903.06
MBPAAA	MABEBD	44444C	70001	1560008224198BF	N	39.21	8	142	5567.82
MBPAAA	MABEBD	44444C	70001	1560008808851BF	N	88.93	8	51	5066.43
MBPAAA	MABEBD	44444C	70001	1560008018510BF	N	1618.71	2	6	9712.26
MBPAAA	MABEBD	44444C	70001	1560007985687BF	P	354.99	8	62	22009.38
MBPAAA	MABEBD	44444C	70001	1560007946304BF	N	39.33	8	271	7948.43
MBPAAA	MABEBD	44444C	70001	1560007939984BF	N	239.12	8	25	5978.00
MBPAAA	MABEBD	44444C	70001	1560007939892BF	P	111.26	8	56	6230.56
MBPAAA	MABEBD	44444C	70001	1560007886668JK	N	600.00	8	22	13200.00
MBPAAA	MABEBD	44444C	70001	1560007886594BF	N	258.00	8	20	5160.00
MBPAAA	MABEBD	44444C	70001	1560007886589BF	N	789.70	8	13	10266.10
MBPAAA	MABEBD	44444C	70001	1560007886550	N	1174.20	3	4	5096.80
MBPAAA	MABEBD	44444C	70001	1560007886410BF	N	85.17	8	106	9028.02
MBPAAA	MABEBD	44444C	70001	1560007886407BF	P	37.76	8	333	13168.73

Figure 4.6. A-G005M-023-98-MBE - RCC/Total Cost Sequence

MAD G005M HIGH COST ITEMS A-G005M-023-98-MBE PAGE 1
RCC SEQUENCE

RCC	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST
MBPAAA	MABEBD	44444C	70001	1430008780913JJ	P	6130.00	8	5	31650.00
MBPAAA	MABEBD	44444C	70001	1430000857826AB	N	1870.00	8	3	5610.00
MBPAAA	MABEBD	44444C	70001	1377009988592	N	372.30	8	64	23827.20
MBPAAA	MABEBD	44444C	70001	1377004123206	N	86.00	8	72	6192.00
MBPAAA	MABEBD	44444C	70001	1377002386552	N	145.23	8	82	11908.86
MBPAAA	MABEBD	44444C	70001	1270000631981	N	202.25	7	33	6674.25
MBPAAA	MABEBD	44444C	70001	1095011203410BF	P	7282.52	4	3	21847.56
MBPAAA	MABEBD	44444C	70001	1095000053888BF	P	5868.20	8	8	46945.60
MBPAAA	MABEBD	44444C	70001	1560008246806BF	N	121.98	7	73	8903.06
MBPAAA	MABEBD	44444C	70001	1560008224198BF	N	39.21	8	142	5567.82
MBPAAA	MABEBD	44444C	70001	1560008808851BF	N	88.93	8	51	5066.43
MBPAAA	MABEBD	44444C	70001	1560008018510BF	N	1618.71	2	6	9712.26
MBPAAA	MABEBD	44444C	70001	1560007985687BF	P	354.99	8	62	22009.38
MBPAAA	MABEBD	44444C	70001	1560007946304BF	N	39.33	8	271	7948.43
MBPAAA	MABEBD	44444C	70001	1560007939984BF	N	239.12	8	25	5978.00
MBPAAA	MABEBD	44444C	70001	1560007939892BF	P	111.26	8	56	6230.56
MBPAAA	MABEBD	44444C	70001	1560007886668JK	N	600.00	8	22	13200.00
MBPAAA	MABEBD	44444C	70001	1560007886594BF	N	258.00	8	20	5160.00
MBPAAA	MABEBD	44444C	70001	1560007886589BF	N	789.70	8	13	10266.10
MBPAAA	MABEBD	44444C	70001	1560007886550	N	1174.20	3	4	5096.80
MBPAAA	MABEBD	44444C	70001	1560007886410BF	N	85.17	8	106	9028.02

Figure 4.7. A-G005M-024-98-MBF - Stock Number/Total Cost Sequence

MAN — 5 0 0 1 M H I G H C O S T I T E M S — STOCK NUMBER/TOTAL COST SEQUENCE — A-G005M-024-98-MBF — PAGE 50

RCO	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST	COMPONENT ISSUES	COMPONENT COST	NOUN
MMPSBK	MANESL	19083A	00010	6220065707254	P	74.37	8	589	43745.63	718	53,497.38	LIGHT,NAVIGATION
MMPSBK	MANESL	19083A	00010	6220065703215	P	74.58	8	418	31174.44	818	44,749.00	LIGHT,NAVIGATION
MMPSBK	MANESL	19083A	00010	6220066667813	P	695.50	8	454	301386.60	418	31,174.44	LIGHT,NAVIGATION
MMPSBK	MANESL	19083A	00010	6220066667814	P	935.50	8	502	309483.00	414	301,386.00	LIGHT,NAVIGATION
MMPSEC	MANESW	14332A	00010	1560000064701189	N	50.00	8	401	6749.60	562	309,483.00	LIGHT,NAVIGATION
MMPSEC	MANESW	14332A	00010	1560000064701189	N	50.28	8	78	6250.92	161	8,749.60	SKIN,AIRCRAFT
MMPSEC	MANESW	14782A	00010	1560000064771789	N	91.90	8	272	24996.80	78	6,250.92	SKIN,AIRCRAFT
MMPSEC	MANESW	14782A	00010	1560000064781289	N	92.38	8	415	38302.70	272	24,996.80	SKIN,AIRCRAFT
MMPSEC	MANESW	14782A	00010	1560000064784689	N	111.76	8	433	48376.80	[illegible]	[illegible]	[illegible]
MMPSEC	MANESW	14782A	00010	1560000064781789	N	100.38	8	433	80226.34	415	48,376.80	PAN, DOOR
MMPSEC	MANESW	14782A	00010	1560003885016689	N	97.35	8	433	11826.75	[illegible]	[illegible]	SKIN,AIRCRAFT
MMPSEC	MANESW	14782A	00010	1560000000000689	N	28.07	8	396	11287.31	412	11,826.75	CAP,DOOR ASSEMBLY
MMPSEC	MANESW	14782A	00010	1560000000000689	N	1689.49	8	27	45615.30	396	11,287.31	SEE.DOOR ASSEMBLY
MMPSEC	MANESW	14782A	00010	1560004000000689	N	1428.32	8	22	31647.44	27	45,615.30	FRAME,STRUT DOOR
MMPSEC	MANESW	14782A	00010	1560000[illegible]4689	N	100.38	8	263	27263.28	22	31,647.44	FRAME,STRUT DOOR
MMPSEC	MANESW	14434A	00010	1560000[illegible]4689	N	43.73	8	143	6543.35	263	27,263.28	FITTING,STRUT DOO
MMPSEC	MANESW	14434A	00010	1560000[illegible]4689	N	213.80	8	81	17005.00	143	6,543.35	SKIN,AIRCRAFT
MMPSEC	MANESW	14434A	00010	1560000[illegible]4689	N	301.18	8	9	5050.62	81	17,005.00	
MMPSEC	MANESW	14782A	00010	1560000[illegible]4689	N	43.43	8	193	8351.00	9	5,050.62	BRACKET ASSEMBLY

Figure 4.8. A-G005M-025-98-MBM - -Total Cost/Stock Number Sequence

MAB — 6 0 0 5 M H I G H C O S T I T E M S — TOTAL COST/STOCK NUMBER SEQUENCE — A-G005M-015-98-MBM — PAGE 1

RCO	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST
MBPAAA	MABEBD	44444C	10001	1550011195306BF	N	9902.00	7	220	2180600.00
MBPAAA	MABEBD	44444C	10001	1530004375445BF	N	1473.38	8	217	319125.83
MBPAAA	MABEBD	44444C	10001	1610002262314	P	53.19	8	5080	274346.31
MBPAAA	MABEBD	44444C	10001	1550011741652BF	N	1204.10	5	193	232410.60
MBPAAA	MABEBD	44444C	10001	1550011741654BF	N	1204.10	5	184	221572.80
MBPAAA	MABEBD	44444C	10001	4720000117710	N	907.19	8	700	119195.04
MBPAAA	MABEBD	44444C	10001	6015010620412BF	P	896.13	8	187	186199.91
MBPAAA	MABEBD	44444C	10001	1530008814358BF	N	2121.00	7	62	131502.00
MBPAAA	MABEBD	44444C	10001	6015010620412BF	P	779.67	8	167	130104.89
MBPAAA	MABEBD	44444C	10001	6005008188503	N	465.05	8	278	129308.88
MBPAAA	MABEBD	44444C	10001	1560004446814BF	N	756.55	8	170	128653.50
MBPAAA	MABEBD	44444C	10001	1550007906855BF	N	3297.00	5	39	128583.00
MBPAAA	MABEBD	44444C	10001	1550007531162BF	P	614.68	8	243	129082.38
MBPAAA	MABEBD	44444C	10001	1630002262315	N	25.10	8	4820	118754.60
MBPAAA	MABEBD	44444C	10001	1590F112920F	N	4338.30	8	26	114359.80
MBPAAA	MABEBD	44444C	10001	1550009556344BF	N	336.88	8	337	113116.05
MBPAAA	MABEBD	44444C	10001	5950009890213	N	517.59	8	214	110782.12
MBPAAA	MABEBD	44444C	10001	6015010548015BF	P	779.67	8	138	108174.13
MBPAAA	MABEBD	44444C	10001	1550000862239BF	N	7148.27	8	15	107224.05

Table 4.4. MIC/DMSC Component

TITLE	MIC/DMSC COMPONENT REQUIREMENTS
PCN	A-G005M-034-BB-M60
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This product provides the MIC/DMSC a complete listing of components ERRC coded N and Prequired within the next 30 days and authorized 15 day level for C, S, and T exchange material. The MIC/DMSC will use this report to determine if a satisfactory MIC/DMSC level has been established for the required components, it will show those components with no established levels, and the need to establish special levels.
PRODUCT FORMAT	

a. Heading Elements.

(1) MIC/DMSC DES. The MIC/DMSC designator.

2 TITLE. MIC/DMSC Component Requirements

3 AS OF DATE. The day, month, and year this report was produced.

4 PCN. Product Control Number assigned this report for tracking purposes.

5 PAGE. The consecutive number of pages within this report.

b. Column Data.

1 MIC/DMSC DES. The three position code assigned to identify the responsible MIC/DMSC.

2 COMPONENT NSN. The National Stock Number assigned to the component item.

3 UI. The supply Unit of Issue for the component item.

4 ER. The Expendability, Recoverability, Repairability Category Code.

5 PSC. Procurement Source Code. A one position code representing the source, management, and financial assignment of the component item.

6 UNIT PRICE. The stock list price of the component.

7 STOCK LEVEL. The computed 30 day level based on issue history of the component.

8 QTY ON HAND PLUS INTRANS. The number of components on hand in supply, MICs/DMSCs, and intransits.

9 30 DAY QTY REQUIRED. The number of components required to support the end item for the next 30 days.

10 END ITEM IDENTITY. The NSN, MDS, or other numbers which will identify the end item.

11 PROD NUMBER. The Production Number assigned to identify the end item NSN.

12 OPR NUM. A five position field assigned represent a block of work within a production number.

13 RCC. The Resource Control Center responsible for accomplishing the workload.

14 REMARKS. If unmatched appears, it indicates that a MIC/DMSC detail record has not been established in D035.

Figure 4.9. A-G005M-034-BB-M60 - MIC/DMSC Component Requirements

MIC DES BB MIC COMPONENT REQUIREMENTS AS OF 3 1 88 02 A-G005M-034-BB-M60 PAGE 1

MIC DES	COMPONENT NSN	U/I	E R	PSC	UNIT PRICE	STOCK LEVEL	QTY ON HAND PLUS INTRANS	30 DAY QTY REQUIRED	END ITEM IDENTITY	PROD NUMBER	OPR NUM	RCC	REMARKS
MBB	1377010946428	EA	N	3	83.83	0	0						
								.1	1560011646510WF	31527A	00010	MBRSCQ	UNMATCHED
								.1	1560011652041WF	82505A	00010	MBRSCQ	UNMATCHED
								.2<---TOTAL					
MBB	1377010946429	EA	N	3	74.68	0	0						
								.5	1560011646510WF	31527A	00010	MBRSCQ	UNMATCHED
								.5	1560011652041WF	82505A	00010	MBRSCQ	UNMATCHED
								1.0<---TOTAL					
MBB	1377010550367	EA	N	3	211.40	0	0						
								4.0	1560010423217WF	86079A	00010	MBRSCQ	UNMATCHED
								4.0<---TOTAL					
MBB	1377010564525	EA	N	3	93.09	0	0						
								2.0	1560010423217WF	86079A	00010	MBRSCQ	UNMATCHED
								6.0	1560011675199WF	21322A	00010	MBRSCQ	UNMATCHED
								8.0<---TOTAL					
MBB	1377010564529	EA	N	3	113.83	0	0						
								2.0	1560010423217WF	86079A	00010	MBRSCQ	UNMATCHED
								6.0	1560011675199WF	21322A	00010	MBRSCQ	UNMATCHED
								8.0<---TOTAL					
MBB	1377011631732	EA	N	3	383.69	0	0						
								2.0	1560010423217WF	86079A	00010	MBRSCQ	UNMATCHED
								6.0	1560011675199WF	21322A	00010	MBRSCQ	UNMATCHED
								8.0<---TOTAL					
MBB	1377011631755	EA	N	3	358.05	0	0						
								2.0	1560010423217WF	86079A	00010	MBRSCQ	UNMATCHED
								6.0	1560011675199WF	21322A	00010	MBRSCQ	UNMATCHED
								8.0<---TOTAL					
MBB	1377010792663	EA	N	3	276.12	0	0						
								5.0	1560011631733WF	70531A	00010	MBRSCQ	UNMATCHED
								2.0	1560011646510WF	31527A	00010	MBRSCQ	UNMATCHED
								2.0	1560011652041WF	82505A	00010	MBRSCQ	UNMATCHED
								9.0<---TOTAL					
MBB	1377010792664	EA	N	3	210.35	0	0						
								5.0	1560011631733WF	70531A	00010	MBRSCQ	UNMATCHED
								2.0	1560011646510WF	31527A	00010	MBRSCQ	UNMATCHED
								2.0	1560011652041WF	82505A	00010	MBRSCQ	UNMATCHED

Table 4.5. Bill of Material

TITLE	BILL OF MATERIAL TRANSACTION REGISTER
PCN	A-G005M-061-DE-MFR
JOB	MMUDE / MMUMG
PREPARATION	DAILY
PRODUCT USE	This product provides the input originator or activity with a record of all actions processed during file maintenance and information relative to component items. This product will list images of all valid input transactions and will contain those component records that have undergone stocklist change action. Items indicated as being terminal must be coordinated between the planner and the responsible IM and stocks must be deleted before removal from the BOM and replaced by a new item.
PRODUCT FORMAT	The format for this report will vary depending on the type of transaction being submitted. The following format information will be for the sample shown. a. Heading Elements. 1 MAKECB. Responsible Engineering Organization. The activity and planners code assigned engineering/ planning responsibility. 2 DAILY G005M TRANSACTION REGISTER. Title 3 09-03-91. Date. The day, month, and year the list was produced. 4 A-G005M-061-DE-MFR. Production control number. The number assigned this report for control purposes. 5 Pg. The consecutive page number within the report. b. Column Data.
COLUMN 1-3	Transaction Code: A three position alphanumeric code used to identify the functional area to which an input is being made and the identity of the actual transaction. (M03)
COLUMN 4	Action Code: A one position alpha code that identifies the type of BOM file maintenance to be performed. A=add, C=change, D= delete.
COLUMN 5-10	Responsible Engineering Organization: The activity and planners code assigned engineering/planning responsibility.
COLUMN 26-31	Production Number: A six position number assigned to each workload which is used to track labor and material costs, includes control number and job designator.
COLUMN 32-36	Operation Number: A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.
COLUMN 37-51	Component NSN: The National Stock Number assigned to the BOM component item.

COLUMN 56-58	Standard Replacement Percent: The percentage of times a component item is removed and replaced with serviceable items through supply (when compared to the number of times the component is removed as a candidate for repair).
COLUMN 69	Override Code: Used to establish indirect material on BOM.
COLUMN 70	Cost Code: The maintenance cost code which classifies material as funded (expense codes A or L) or unfunded (investment codes D, E, M, X or Z).
COLUMN 72	Material Classification Code: The code which identifies material as direct (D) or indirect (I).
COLUMN 74-79	Resource Control Center: The five position code assigned to the Resource Control Center responsible for accomplishing the workload.
PROCESSING DATE	Date transaction was processed.
PROCESSING TIME	Time transaction was processed.
REMARKS	This field contains information on the completed transaction.

Figure 4.10. A-G005M-061-DE-MFR - Transactions Register/Daily

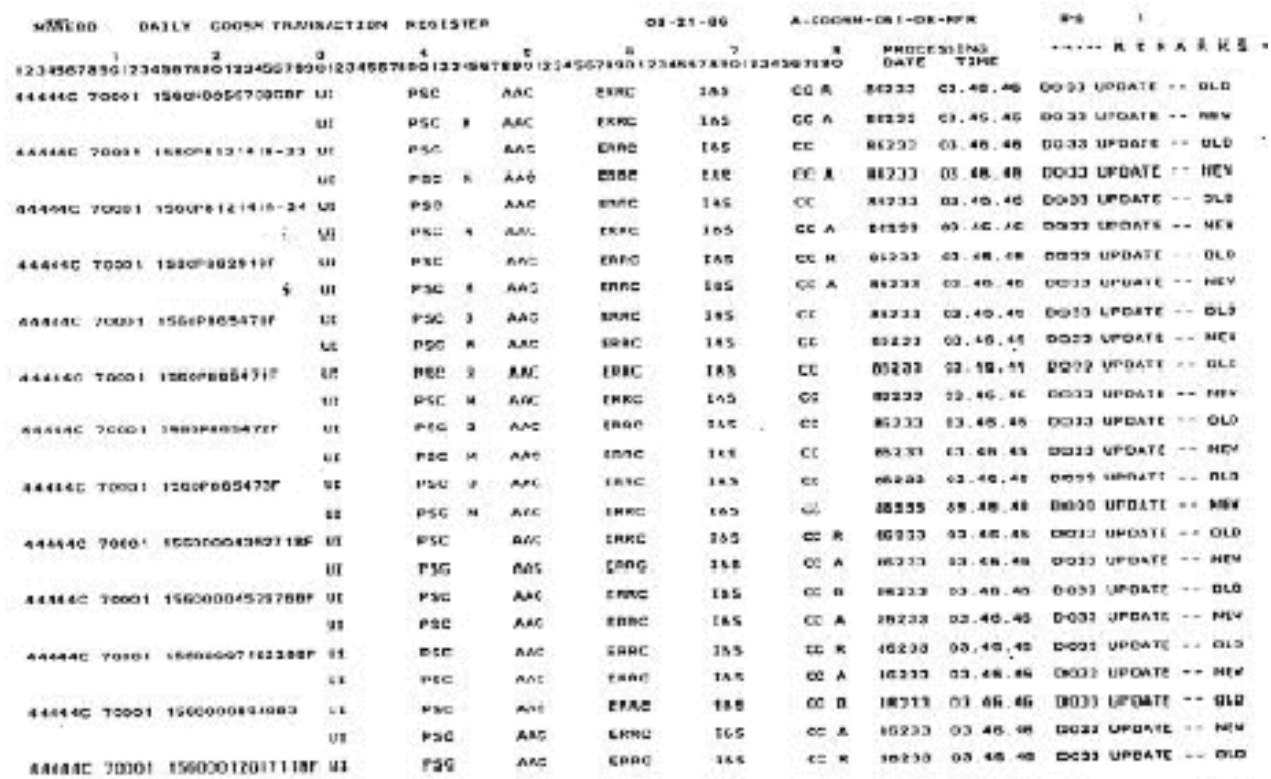


Table 4.6. Bill of Materiel

TITLE	BILL OF MATERIAL TRANS REGISTER (MONTHLY/FICHE)
PCN	A-G005M-061-DE-MFR
PREPARATION	MONTHLY/15th. CALANDAR DAY/1st WORK DAY
PRODUCT USE	This report is a recap of all G005M transactions for the month. The report is in microfiche form.
PRODUCT FORMAT	The Daily and Monthly Transaction Register have the same format.

Figure 4.11. A-G005M-061-DE-MFR - BOM Transactions Register/Monthly.

```
MAKEKC   MONTHLY G005M TRANSACTION  REGISTER      DO ALC   07-31-80      A-G005M-061-DE-MFR        PG     2
         1         2         3         4         5         6         7         8    PROCESSING      ***** R E M A R K S *****
123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890    DATE   TIME
28120A 00010 59820109434723  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC   V   ERRC      I&S   B   CC   A   86177  00.53.10  D033 UPDATE -- NEW
                                                                                                          TERMINAL ITEM
28120A 00010 59820109774489  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC       ERRC      I&S       CC   A   86177  00.53.10  D033 UPDATE -- NEW
28120A 00010 59820119986634  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC   Y   ERRC      I&S   B   CC   A   86177  00.53.10  D033 UPDATE -- NEW
                                                                                                          TERMINAL ITEM
28120A 00010 59890089419499  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC       ERRC      I&S       CC   A   86177  00.53.10  D033 UPDATE -- NEW
28120A 00010 59990103339729  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC       ERRC      I&S       CC   A   86177  00.53.10  D033 UPDATE -- NEW
28120A 00010 59990103339730  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC       ERRC      I&S       CC   A   86177  00.53.10  D033 UPDATE -- NEW
63581A 00010 59990103339729  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC       ERRC      I&S       CC   A   86177  00.53.10  D033 UPDATE -- NEW
63581A 00010 59990103339730  UI        PSC       AAC       ERRC      I&S       CC       86177  00.53.10  D033 UPDATE -- OLD
                             UI        PSC       AAC       ERRC      I&S       CC   A   86177  00.53.10  D033 UPDATE -- NEW
18725A  5510005051552    NEW SN 5510001371043                                          86182  00.08.19  SLC (13) PROCUREMNT NOT AUTH
18725A  5510008334788    NEW SN 5510001585389                                          86182  00.08.19  SLC (13) PROCUREMNT NOT AUTH
63543A  5510008403788    DELETED                                                       86183  08.04.34  DEL(CH) DELETION DISPOSAL
M03AMAKEKC               63795A00010127001019871 3  1000001100       AD          U  86188  07.40.43  ADDED USAGE ANALYSIS
M07CMAKEKC               63797A00010188001 85149UBF0U01U28   U11AD              U  86188  07.40.53  CHANGED USAGE ANALYSIS
M03AMAKEKC               63703A00010414001054120 1CK 00000-009       AD          U  86188  07.40.58  ADDED USAGE ANALYSIS
M07CMAKEKC               63505A00010414001054078 6CX000 1013   005AD            U  86188  07.40.59  CHANGED USAGE ANALYSIS
M07CMAKEKC               63581A00010414001058 1394  000 1008   011AD            U  86188  07.40.59  CHANGED USAGE ANALYSIS
```

Table 4.7. MDS Allocation

TITLE	MDS ALLOCATION TABLE
PCN	A-G005M-071-AE-MEJ
JOB	MMUDE20G
PREPARATION	DAILY
PRODUCT USE	The planner reviews and analyzes the mix of Mission Design Series data for a production number on a new negotiated workload and compares it to the data of mix in the MDS allocation table account established in the G005M data base. If the new mix data is different than the established MDS Allocation Table Account data, the planner inputs file maintenance actions to change the percentage factors. To input the necessary transactions, the planner uses input transaction M19.
PRODUCT FORMAT	

a. Heading Elements.

1 Accountable Cost Center (ACC).

2 Title. MDS Allocation Table

3 ---ALC. The Air Logistics Center Locality designation.

4 Date. The day, month, and year the product was produced.

5 Product Control Number (PCN). The number assigned this report for control purposes - A-G005M-071-DE-MEJ.

6 Page Number. The consecutive page number in this report.

b. Column Data.

1 ACC. Accountable Cost Center. The cost center assigned responsibility for costing and production on an end item workload.

2 SD. The one character alpha scheduling designator assigned to the scheduler responsible for providing support to the RCC.

3 PROD NUMBER. The production number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

4 MDS-E/I IDENTITY. The NSN which will identify an MDS end item.

5 ALLOCATION %. The computed factor used as the number of times a MDS will be inducted during a negotiated workload for a weapon system. The total of all MDS percentage factors for a production number must total 100%.

6 REMARKS. This column will reflect any comments on file maintenance transactions.

7 PRODUCTION NUMBER TOTAL. Total allocation of all MDS

Figure 4.12. A-G005M-071-AE-MEJ - MDS Allocation Table

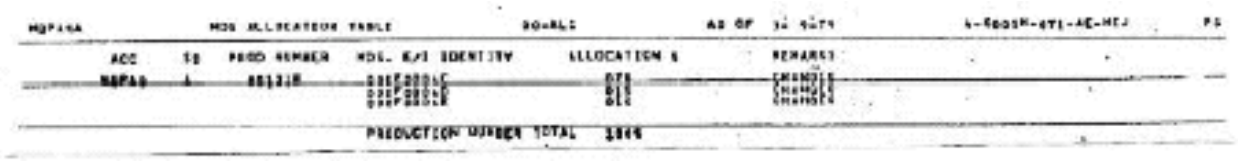


Table 4.8. Master BOM List

TITLE	MASTER BOM LIST
PCN	A-G005M-072-DE-MEN
JOB	MMUDE
PREPARATION	DAILY
PRODUCT USE	This product serves as a master material reference for each production number assigned to a planner.
PRODUCT FORMAT	

a. Heading Elements.

1 Requestor. The organization requesting the report (MANELT)

2 -- ALC (Air logistics Center). The two position alpha code which identifies the ALC which requested the BOM data.

3. Title. Bill of Material Master.

4. Date. The day, month, and year the report was prepared.

5. Product Control Number (PCN). The number assigned this report for control purposes.

6. Page. The number of consecutive pages of the report.

b. Column data (End Item).

1. PDN Number. The production number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

2. End Item Identity. The NSN, MDS, or other number which will identify an end item.

3. ACC (Accountable Cost Center) The cost center assigned responsibility for costing and production on an end item workload.

4. SD. The one character alpha scheduling designator assigned to the scheduler responsible for providing support to the RCC.

5. Prime Data.

a ALC (Air Logistics Center). The one position alpha code that designates the Air Logistics Center that has the end item manager responsibility.

b DIV (Division). The organization to which the Equipment Specialist having end item responsibility belongs.

c SPL CLK (Supply Clerk). The local supply clerk Code.

d PM MGR (Production Manager). This code identifies the production manager responsible for repair of the end item.

6. RGC (Repair Group Category). The repair group category assigned to the end item being repaired.

7. RESP ENG (Responsible Engineering Organization). The activity and planner code assigned Engineering/Planning responsibility.

8. DATE ESTB (Date established). The calendar year and Julian date the BOM was established.

c. Column data (Component Item).

1. COMPONENT NSN. The National Stock Number assigned to the BOM component

2. OPER (Operation Number). A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

3. RCC (Resource Control Center). The individual work within an accountable cost center which accomplishes direct labor production.

4. SD (Scheduling designator). The one position scheduling designator assigned to the scheduler responsible for providing support to the RCC.

5. ACQ-AC (Acquisition Advice Code). Code denoting how and under what restrictions an item will be acquired.

6. RESP ENGIN (Responsible Engineering Organization). The activity and planner assigned engineering/planning responsibility.

7. OCC FAC (Occurrence Factor). The number of times that an operation is planned or occurs in relation to the maximum number of times it could occur per end item being worked.

8. UPA (Units Per Assembly). The number of identical parts in an end item as shown on the BOM.

9. SI (Sensitivity Code). Material which requires a high degree of protection and control due to statutory requirements or regulations. AFM 67-1, Volume 1, provides codes for sensitive material.

10. PM (Precious Metal). Code that indicates an item may contain precious metal and requires special handling.

11. AS (Component Analysis Suppression). An "S" in this column indicates that for some reason the planner has decided to suppress the quarterly analysis on a particular component. By suppressing the analysis the standard replacement percent on a component will not be changed during analysis.

12. RPL% (Replacement Percent). The percentage of times a component item is removed and replaced with serviceable items obtained through the local supply source (when compared to the number of times the component is removed as a candidate for repair). For utility code 2 components, it is the condemnation factor.

13. UI (Unit of Issue). Supply unit of issue such as, EA=each, SE=set and PR=pair.

14. ER. The designator signifying Expendability, Recoverability, Repairability Category Code for a component item.

15. PS (Procurement Source). A one position code representing the procurement source, management, and financial assignment of the component item.

16. CC (Cost Code). The maintenance cost code which classifies material as funded (expense codes A or L) or unfunded (investment M, X, or Z).

17. MC (Material Classification Code). The expense material code assigned the item to designate the Material as direct or indirect.

18. UNIT PRICE. The unit cost or stock list price of a stock number item as shown in D035 records.

19. REPLACEMENT PRICE. The replacement cost for a stock numbered item (repair cost, stock list price, or stock list price multiplied by the repair cost factor).

20. ITEM SOURCE MFG CODE. The identifying number assigned to the component item by the maker of the item or by the contractor possessing proprietary rights to the item.

21. FSCM. Contractor and Government Entity Code (CAGE); formerly Federal Supply code for Manufacturers.

22. UC (UTILITY CODE). The utility code which identifies particular type items as recoverable component items which are repaired under their own production number (code 2), TO kits (code 3), and component items that cannot be substituted (code 4).

23. IS (Interchangeability and Substitutability). This code indicates whether a stock number item is family master, subgroup master, etc. of a particular interchangeability and substitutability (I&S) family. the coding is peculiar to the D035 system and is as follows.

B--Bachelor Item. Item not in an I&S group interchangeable Item.

L--One subgroup only in the I&S group and this item is the master.

G--More than one subgroup in the I&S group and this item is the subgroup primary item.

M--More than one subgroup in the I&S group and this item is the master item.

Figure 4.13. A-G005M-072-DE-MEN - Master BOM List

Table 4.9. Item Source No/Stock No

TITLE	ITEM SOURCE NO/STOCK NO CROSS REF.
PCN	A-G005M-074-DE-MEQ
JOB	MMUDE / MMUQB
PREPARATION	DAILY / MONTHLY
PRODUCT USE	This list provides a cross reference between the item source number and the NSN. The product will list all part numbers that appear in the material support data base. Data for a particular item is available by using input transaction M17.
PRODUCT FORMAT	

a. Heading Elements

1. Title. Item Source Number/NSN Cross Reference.

2. Date. The day, month and year the list is produced.

3. Product Control Number (PCN). The number assigned this report for control purposes.

4. Page. The consecutive page number within the report.

b. Column data.

1. ITEM SOURCE NUMBER. The identifying designator assigned by the maker of the item (or the contractor having proprietary rights to the item).

2. FSCM (Contractor and Government Entity). Identifies the manufacturer of the C/I cited.

3. COMPONENT STOCK NUMBER. The National Stock Number assigned to the item source number.

4. UI. Supply unit of issue for the component item.

5. ERC. The designator signifying the Expendability, Recoverability, Repairability, category code for a component item.

6. PSC (Procurement Source Code). A one position code representing the procurement source, management, and financial assignment of the component item.

7. UNIT PRICE. The unit cost or stock list price as shown in the D035 Master Record.

Figure 4.14. A-G005M-074-DE-MEQ - Item Source No/Stock No Cross Ref

Table 4.10. Bill of Material Quarterly Special

TITLE	BILL OF MATERIAL QUARTERLY SPECIAL
PCN	A-G005M-075-OT-MPZ
JOB	MMUOT
PREPARATION	QUARTERLY/END OF QUARTER/9th WORK DAY
PRODUCT USE	This report is used by the Planner and PSF to determine those items which may require file maintenance. The report is in NSN sequence. This report can also be used in conjunction with the G005M-093 and G005M-097 reports to validate BOM accuracy.
PRODUCT FORMAT	

a. Heading Elements.

1. Product Control Number (PCN). The number assigned this report for tracking purposes.

2. Title. BILL OF MATERIAL QUARTERLY SPECIAL.

3. Date. The day, month, and year this report was produced.

4. Page. The consecutive number of pages in this report.

b. Column Data (End Item).

1. PDN. Production Number. A six position number assigned to each workload which is used to track labor and material costs, includes control number and job designator.

2. END ITEM IDENTITY. The NSN, MDS, or other numbers which will identify an end item.

3. RESP ENGR. Responsible Engineer. The activity and planners code assigned engineering/planning responsibility.

4. RGC. Repair Group Category. Workload category assigned to a program control number for accomplishment of maintenance.

Repair Category	Description
A	Negotiated Aircraft
B	Nonnegotiated Aircraft
C	Negotiated Missile
D	Nonnegotiated Missile
E	Negotiated Engines
F	Nonnegotiated Engines
G	Negotiated other Major Items
H	Nonnegotiated other Major Items
J	MISTR
K	Negotiated Project Directive (Non MISTR)
L	Nonnegotiated Exchangeables
M	Area Support
N	Base Support
P	Manufacture-AFSF
R	Manufacture-Non AFSF
S	Special and Service Engineering
W	Maintenance Overhead (Includes Cost Class IV)

5. DATE ESTABLISHED. The date this BOM was established (M01).

6. DATE-LAST-USE. This date reflects the last time this BOM was analyzed.

7. CUR-QTR-PRODUCTION. Current Quarter Production. The number of end items produced in the current quarter.

c. Column Data (Component Item).

1. OPER NR. Operation Number. a five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

2. COMPONENT STOCK NUMBER. The National Stock Number assigned to the BOM component item.

3. RCC. Resource Control Center. The five position code assigned to the Resource Control Center responsible for accomplishing the workload.

4. SD. Scheduling Designator. The one character alpha code assigned to the scheduler responsible for providing support to the RCC.

5. UI. Unit of Issue. Supply unit of issue such as, EA (each); PR (pair); or SE (set).

6. ERC. The designator signing Expendability, Recoverability, Repairability Category code for a component item.

7. PSC. Procurement Source Code. A one position code representing the procurement source, management, and financial assignment of a component item.

8. AAC. Acquisition Advice Code. The code denoting how and under what restrictions an item will be acquired.

9. CSI. Product Sensitivity Code. Material which requires a high degree of protection and control due to statutory requirements or regulations. AFM 67-1, Volume 1, provides codes for sensitive material.

10. CST. Cost Code. The maintenance cost code which classifies material as funded (expense codes A or L) or unfunded (investment codes D, E, M, X, or Z).

11. MCC. Material Classification Code. The code which identifies material as direct (D) or indirect (I).

12. UTL. Utility Code. The utility code which identifies particular type items as recoverable component items which are required under their own production number (code 2), TO kits (code 3), and component items that cannot be substituted (code 4).

13. COM. Component item which is used on more than one workload during a MISTR period. If common, a C will be entered, otherwise "blank".

14. MIC. The Maintenance Inventory Centers have been renamed Depot Maintenance Support Center (DMSC). MIC/DMSC: Storage area for serviceable material to support maintenance workloads.

15. OCC FAC. Occurrence Factor. The number of times that an operation is planned or occurs in relation to the maximum number of times it could occur per end item being worked.

16. UPA. Units per assembly. The number of identical parts in an end item as shown on the BOM.

17. STD REP PCT. Standard Replacement Percent. The percentage of times a component item is removed and replaced with serviceable times obtained through the local supply source (when compared to the number of times the component item is removed as a candidate for repair). For utility code 2 components, it is the condemnation factor.

18. USG. Usage Analysis Code. This code is assigned during the quarterly material usage analysis.

Analysis Codes:

(A) Added to BOM. Actual changed to std.

(D) Deleted usage analysis.

(J) Insufficient support.

(K) Invalid issues cost code.

(L) Terminal item sub required. Deleted.

(M) Out of bounds exceeds 100 %.

(N) Changed to non-standard.

(R) Standard replacement % with no UPA.

(S) Suppressed analysis (component).

(C) Changed. Actual changed to standard.

19. SPT. Supportability Code. A one position numeric (1 through 7) indicating lack of support from Depot Supply on component item for 1 to 7 MISTR periods during a quarter. After usage analysis, the code starts over.

20. I&S C LNK. Interchangability and substitutability code. The code indicates whether a stock number item is a family master, subgroup master, etc., of a particular inter- changeability and substitutability (I&S) family. The coding is particular to the D035 system and is as follows:

B Bachelor Item. Item not in an I&S group.

I Interchangeable item.

L One subgroup only in the I&S group and this item is master.

G More than one subgroup in the I&S group and this item is the subgroup primary item.

M More than one subgroup in the I&S group and this item is the master item.

21. DATE EST. Date established. The date this component was established on the BOM.

22. DATE LAST ACT. The last date of any action on this component as it applies to the data base.

23. CUR QTR ISSUES. The total number of issues for this component during the current quarter.

24. UNIT PRICE. The stock list price of the component item.

25. MANUFACTURE PART NUMBER. The number assigned to component items by the manufacturers.

26. FSCM. Contractor and Government Entity (CAGE); formerly Federal Supply code for Manufacturers.

Figure 4.15. A-G005M-075-OT-MPZ - BOM/Quarterly Special

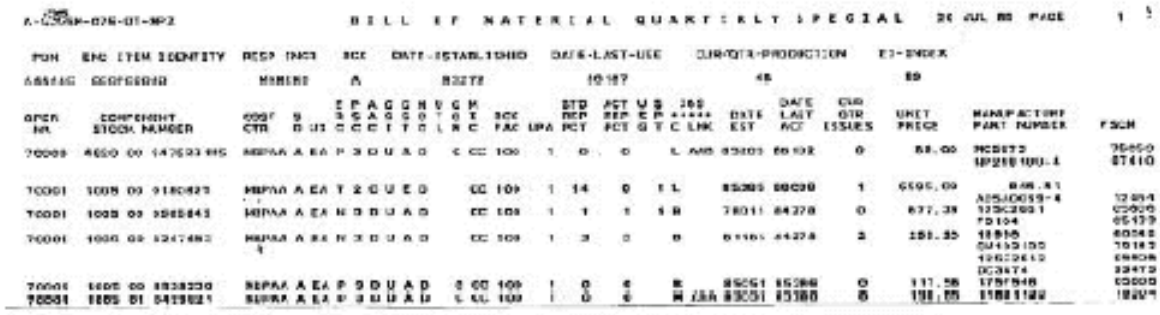


Table 4.11. Bill of Material Part Number Quarterly

TITLE	BILL OF MATERIAL PART NUMBER QUARTERLY
PCN	A-G005M-076-OT-MPM
JOB	MMUOT
PREPARATION	QUARTERLY/END OF QUARTER/9th WORK DAY
PRODUCT USE	This report is used by the planner and PSF to determine those items which may require file maintenance. The report is in Manufacturer Part Number sequence. This report can be used in conjunction with the G005M-093 and 097 reports to validate BOM accuracy. The G005M-075 and 076 reports are similar.
PRODUCT FORMAT	Please refer to the A-G005M-075-OT-MPZ report for definitions of the Heading Elements and Column Data.

Figure 4.16. A-G005M-076-OT-MPM - BOM Part Number Quarterly

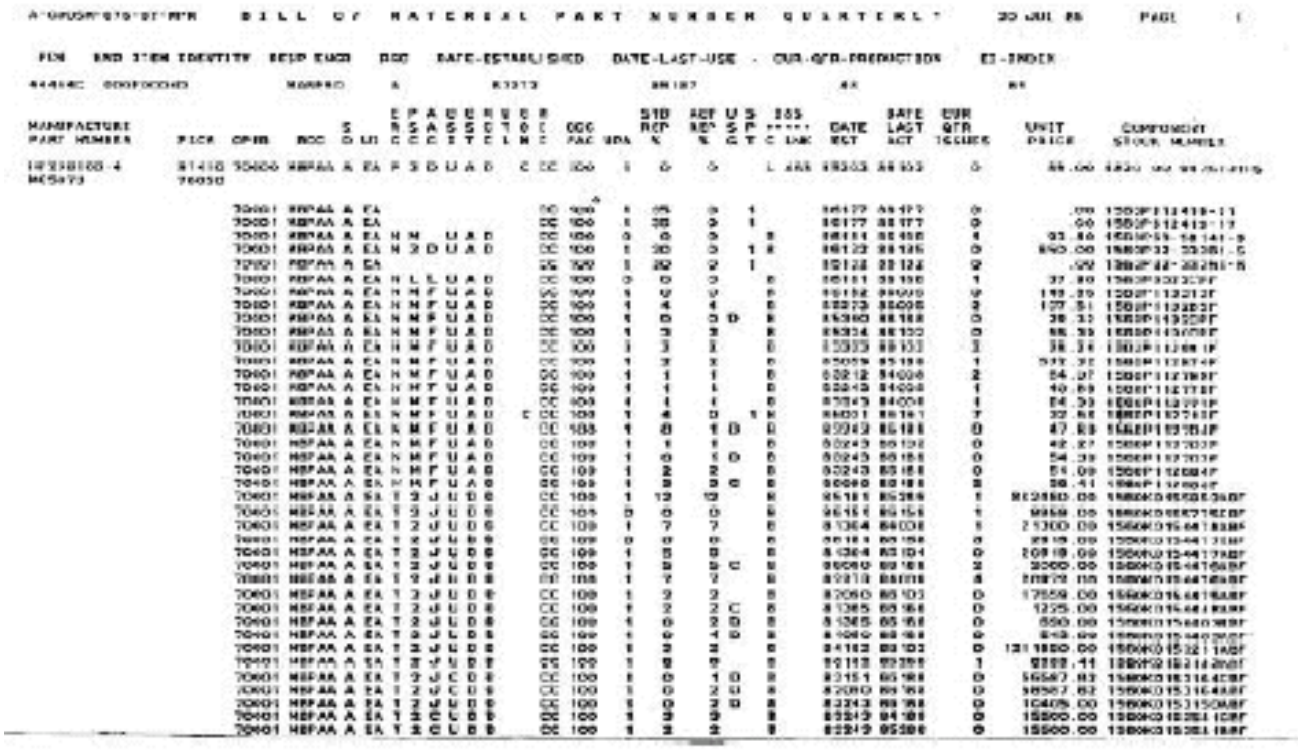


Table 4.12. BOM Exception

TITLE	BOM EXCEPTION WORKSHEET
PCN	A-G005M-093-QA-M83
JOB	MMUQA
PREPARATION	MONTHLY/AS SCHEDULED/1st WORK DAY
PRODUCT USE	This product provides the material planner and PSF visibility of the changes and recommendations made on the BOM during the month and allows the planner and PSF to file maintain the BOM prior to analysis at the end of the quarter.
PRODUCT FORMAT:	

a. Heading Elements.

1. RESP ENG. The responsible engineering organization and the planner code assigned engineering and planning responsibility.

2. ACC/SD. The accountable cost center or scheduling designator ACC/SD) responsible for costing, production, and providing support on an EI workload and the RCC.

3. TITLE. BOM Exception Worksheet

4. --ALC. The prime ALC.

5. DATE. The day, month and year this report was produced.

6. PCN. The number assigned this report for tracking purposes.

7. PAGE. The consecutive page number within the report.

b. Column Data (End Item).

1. PROD NR. Production Number. The production number assigned to identify the end item NSN. It consist of a five position control number and a sixth position, which identifies the desired level of repair.

2. OPER. Operation number. A five position field assignee to represent a block of work, within a production number, that can be accomplished by an individual Direct Labor Production Unit.

3. OCC. Occurrence Factor. The number of times an operation is planned or occurs in relation to the maximum number of times it could occur, per end item being worked.

4. RCC. Resource Control Center. The individual work center within an ACC which accomplishes direct labor production.

5. END ITEM. End Item NSN.

6. DWC. Differential Workload Code. A one position code identifying the BOM as high (H) or low (L) volume workload. A high volume BOM exceeds 99 end items produced in one year.

7. AQ. Analysis Quarter. A one position field (four or eight) showing quarters of history used in analyzing the BOM.

8. PAQ. Production Acceptance Quantity. Indicates the volume of production necessary, since last LUA before the BOM is to be analyzed.

9. DT- EST. Date Established. A five position field showing when the BOM was established.

10. DT-LUA. Date Last Usage Analysis. Date reflecting the last time the BOM was analyzed.

11. END ITEM NOUN. Nomenclature of the End Item.

c. Column Data (Component).

1. COMPONENT STOCK NUMBER. The NSN assigned to a specific item.

2. DATE ESTAB. The date the component item was established or added to the BOM.

3. CC. Cost Code. The code which classifies material as funded (expense codes A or L) or unfunded (Investment codes D, E, M or Z).

4. E/I PROD. End Item Produced. The number of EI produced as related to the number of quarters of issue history for the analysis cycle.

5. QTR HIST. Quarters of History. The number of quarters of issue history on components as related to EI production during the analysis cycle.

6. UPA. Units Per Assembly. The number of identical parts on an EI as shown on the BOM.

7. REPL %. Replacement Percent.

a. STD. Standard. The percentage of times a component item is projected to be removed and replaced with serviceable items issued through the local supply source.

b. ACT. Actual. The percentage of times the component item was replaced (used) in support of an end item, as determined from actual material usage records.

8. COMPONENT ITEM ISSUES.

a. PLANNED. The number of components projected to produce total EIs (This is computed by using standard replacement percent times UPA times end items produced).

b. ACTUAL. The total number of component items issued to the production number and operation number as related to quarters of issue history.

c. VARIANCE. The difference between component planned issues (standard) and component actual issues. A minus (-) sign opposite the number indicates that the issues are less than planned.

9. AB. Analysis Blockage Code. A one position numeric field depicting a standard record which computed material requirements to support a precedence 1 and 2 MISTR drive that were not completely supportable within local supply accounts. This numeric code is assigned as an additive code for each MISTR period that the requirements are not supportable. These codes are additive during the quarter and are removed at the beginning of the next quarter.

10. NSFY. Not Supportable Fiscal Year. A one position additive "ALPHA" code which will be assigned for each MISTR period that precedence 1 and 2 were not completely supportable, for the MISTR year. This code will be removed at the start of the next MISTR year.

11. ACC/ERR. Accountable Error. A four position field that denotes who is responsible for the accuracy of the component line item on the BOM (i.e. "E" equals planner accountable and "S" equals PSF, schedulers and production accountable). An "X" to the right of the accountable column indicates that there is an error charged to that individual, on the percent of accuracy during analysis of that BOM. (**Note:** Some components may have multiple remarks and show multiple errors; however, no planner, scheduler or PSF is charged more than one error per component line item.)

12. REMARKS. The computer recommended action (to be performed by the planner) and those actions already taken by the computer during analysis of the BOM. (See **Attachment 4**, Analysis Error Messages) for explanation of remarks.

Figure 4.17. A-G005M-093-QA-M83 - BOM Exception Worksheet

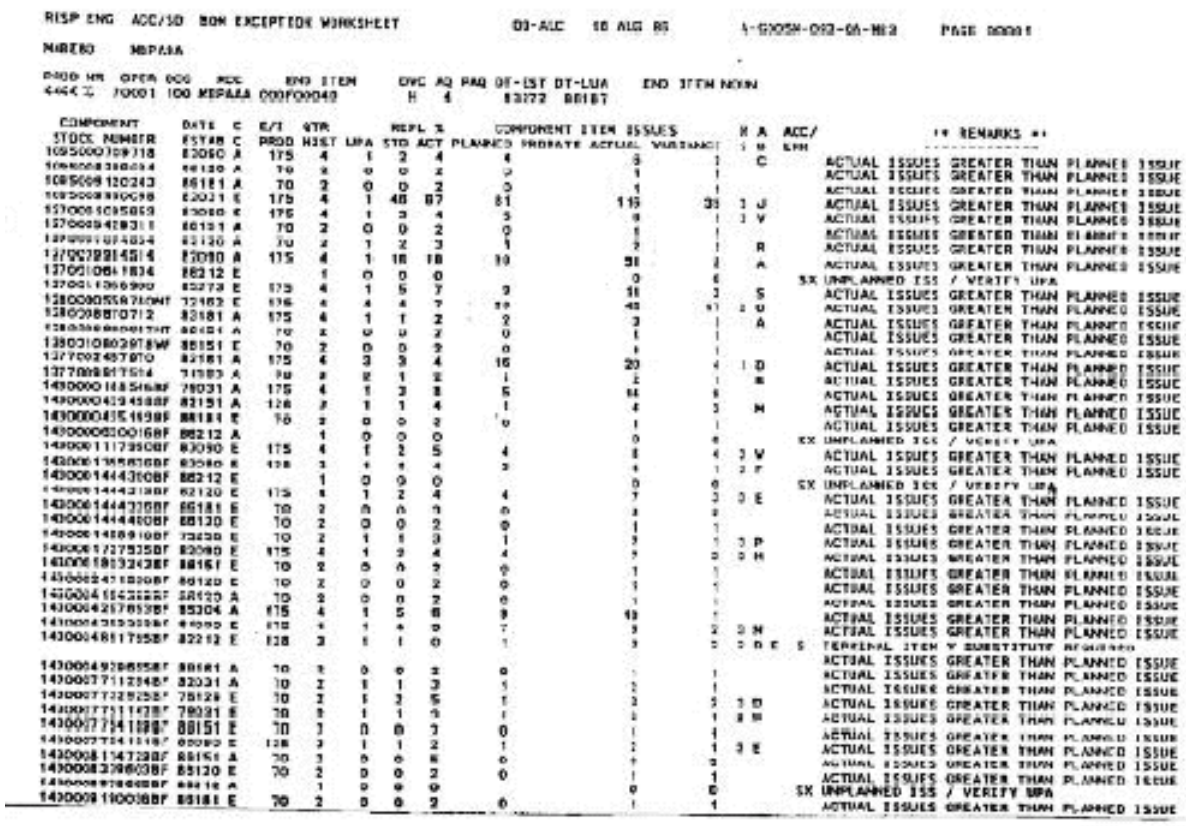


Table 4.13. Material Analysis Exception Report

TITLE	MATERIAL ANALYSIS EXCEPTION REPORT
PCN	A-G005M-097-QA-M83
JOB	MMUQA
PREPARATION	MONTHLY/AS SCHEDULED/1st WORK DAY
PRODUCT USE	This product provides the material planner and PSF visibility of changes and recommendations mechanically made on the BOMs that were analyzed at the end of the quarter. It also shows the planner and PSF a percent of accuracy for the BOM. The G005M-093 and G005M-097 reports have the same format.

PRODUCT FORMAT Please refer to the A-G005M-093-QA-M83 report for definitions of the Heading Elements and Column Data except for the following Analysis Codes.

REMARKS Below is a listing of possible codes and code explanation for the product.

(A) ADDED TO BOM: Actual changed to standard

(C) CHANGE: Actual to Standard

(D) DELETED USAGE ANALYSIS

(J) INSUFFICIENT SUPPORT

(K) INVALID ISSUES COST CODE

(L) TERMINAL ITEM SUB REQUIRED: Deleted

(M) OUT OF BOUNDS STD EXCEEDS 100%

(N) CHANGED TO NON-STANDARD

(R) STANDARD REPL % WITH NO UPA

(S) SUPPRESS ANALYSIS (component)

Figure 4.18. A-G005M-097-QA-M83 - Material Analysis Exception Rpt

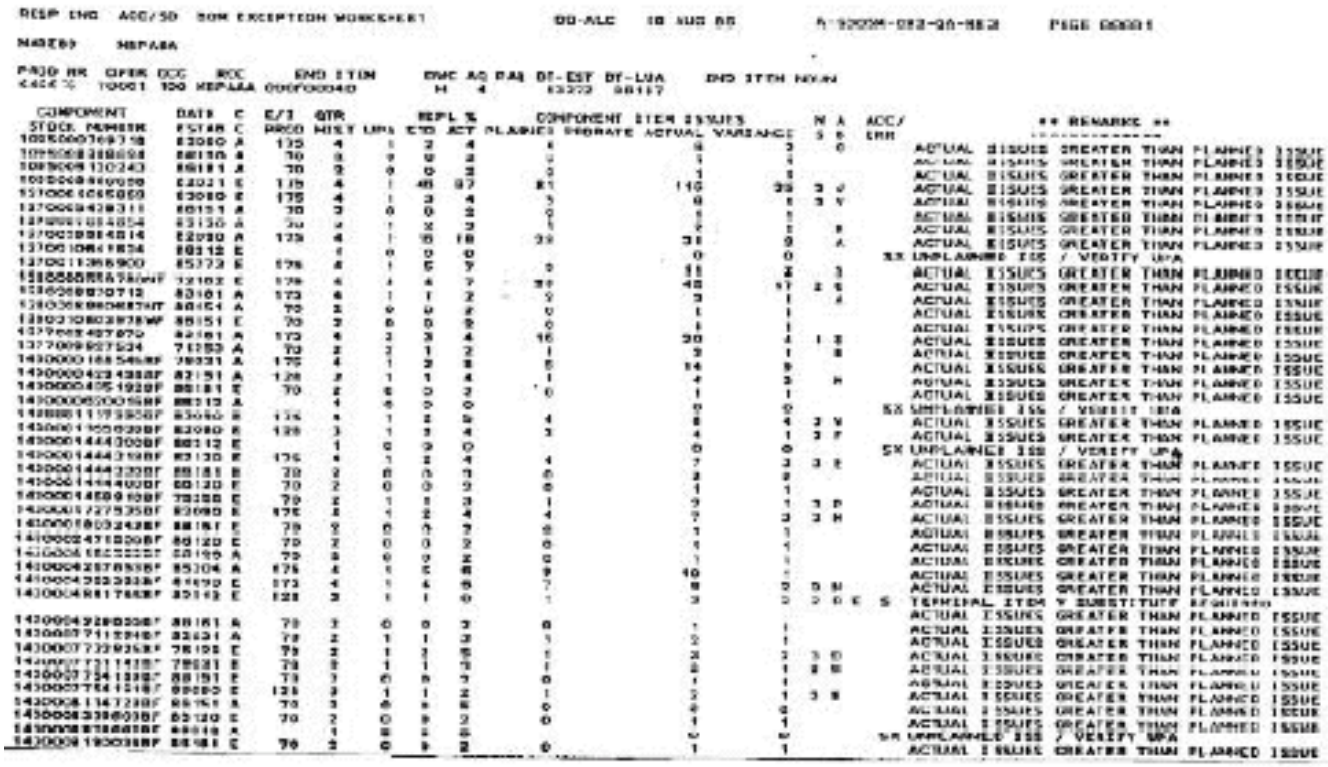


Table 4.14. Common Item Cross Reference Report

TITLE	COMMON ITEM CROSS REFERENCE REPORT
PCN	A-G005M-098-QA-MCD
JOB	MMUQA
PREPARTION	QUARTERLY/END OF QUARTER/1st WORKDAY
PRODUCT USE	This product identifies those issues, received from G004H, on common items (items common to two or more BOMs within the same RCC) and provides further visibility (when used in conjunction with the 093 and 097 reports) and erroneous issues and type of error.
PRODUCT FORMAT	

a. Heading Elements.

1. RCC. Resource Control Center. The responsible RCC for the production number where erroneous issues occurred.

2. TITLE. Common Item Cross Reference Report.

3. --ALC. Prime ALC.

4. DATE. The day, month and year this report was generated.

5. PCN. Product Control Number. The number assigned this report for tracking purposes.

6. PAGE. The consecutive page number within the report.

b. Column Data.

1. STOCK NUMBER. The component stock number against which the erroneous issue was made.

2. SD. Scheduling Designator. The one position "ALPHA" assigned to the scheduler responsible for providing support to the RCC.

3. PDN. Production Number. The production number to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

4. OPER. Operation Number. A five position field assigned to represent a block of work, within a production number, that can be accomplished by an individual Direct Labor Production Unit.

5. UI. Unit of Issue. The supply unit of issue for a component item.

6. CC. Cost Code. The maintenance Cost Code which identifies material as funded (expense codes "A" or "L") or unfunded as (investment codes "D", "E", "X" or "Z").

7. STD REP. Standard Replacement Percent. The percentage of times a component item is removed and replaced with serviceable items obtained through the local supply source (when compared to the number of times the component is removed as a candidate for repair.

8. UPA. Units Per Assembly. The number of identical parts on an end item as shown on the BOM.

9. CUR PROD. Current Production. The number of end items produced, to date, in the current quarter.

10. ISSUES ACT. Actual issues. The total number of component items issued, to date, to the production number as related to current quarter.

11. DIRECT & INDIRECT. An 'X' under this column indicates that the component NSN is planned as direct and indirect within the same RCC.

12. OPER ERROR. Operation Error. An "X" under this column indicates that a material issue was drawn on the D035K system but the operation is invalid. In this case the issue was not posted to the G005M data base.

Figure 4.19. A-G005M-098-QA-MCD - Common Item Cross Reference Rpt

MCLAA MATERIAL ISSUE PRORATION REPORT OO-ALC 16 AUG 88 A-G005M-098-QA-MCD PAGE 38

STOCK NUMBER	S D	PCN	OPER	UI	% C	STD REP	UPA	CUR PROD	ISSUES ACT	ISSUES PRO	PRO RATED	INVALID ISSUE	DIRECT & INDIRECT	INVALID REPL %	OPER ERROR
[illegible]	A	8246 1A	00010	EA	A	50	1	1	0						
	A	8482 1A	00010	EA	A	3	1	4	1						

Table 4.15. G005M Unplanned Issue Report

TITLE	G005M UNPLANNED ISSUE REPORT
PCN	A-G005M-099-MC-M74
JOB	MMUMC
PREPARATION	MONTHLY-END OF MONTH-LAST WORK DAY
PRODUCT USE	This product is designed to provide the planner and material personnel visibility of those NSN's that were received from the G004H system (Maintenance Actual Material Cost) and were costed to the indicated production number as unplanned material.

PRODUCT FORMAT:

a. Heading Elements.

1. RESPONSIBLE ENGINEER (MABEAJ). The planner responsible for the production number.

2. TITLE. G005M UNPLANNED ISSUE REPORT.

3. DATE. The day, month, and year this product was produced.

4. PRODUCTION CONTROL NUMBER (PCN). The number assigned this product for tracking purposes.

5. PAGE. The consecutive page number within the report.

b. Column Data.

1. PDN NUMBER. The production number that the NSN was charged to in the G004H system.

2. OPER NUMBER. The operation number, within the production number that the material (NSN) was charged to in the G004H system.

3. COMPONENT ITEM NSN. The NSN issued to the production and operation number and costed by the G004H system.

4. CC. Cost code. The material cost code of the NSN as it was requested on the maintenance material requisition.

5. UI. Unit of issue.

6. RCC. Resource Control Center. The area responsible for the issue.

7. CUR ISSUE. Current issue. The monthly (cumulative) issue quantity received from the G004H on this NSN charged against this production and operation number.

8. REMARKS. These are the messages from the G005M system that tell the planner what action, if any, was taken by the G005M system on the NSN when received from G004H. The messages are:

a. Posted Unplanned Issue. These NSN's are ones received from the G004H system that were not planned, but were issued from D035 to this production number and operation number, and that the G005M system posted as nonstandard records to the BOM. NOTE: These issues will also show on the G005M097 report with the message: Unplanned Issue-Verify UPA.

b. Not Posted Unmatched Operation. These NSN's were received from the G004H system against the stated production number, however the G005M system could take no posting action because the operation number shown was not planned in the G005M system. Action should be taken to ensure that all requisitions against the production number have the proper operation number on the request.

Figure 4.20. A-G005M-099-MC-M74 - Unplanned Issue Report

MAKE GOOMM UNPLANNED ISSUE REPORT 9 AUG 00 A-G005M-099-MC-M74 PAGE 99

PCN NUMBER	OPER NUMBER	COMPONENT ITEM NSN	C C	UI	RCC	CUR ISSUE	** R E M A R K S **
00458A	00010	1338005318630	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00458A	00010	1338005318631	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00458A	00010	1338009119048	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00458A	00010	1420009420022AH	A	EA	MKPAAR	4	NOT POSTED UNMATCHED OPERATION
00458A	23083	1338009150824	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338002382282	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338001726912	X	EA	MKPAAR	4	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338005318631	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338005318632	X	EA	MKPAAR	6	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338009119048	X	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338009119049	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338011697281	X	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	1440010034341AH	A	EA	MKPAAR	4	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975002355335AH	A	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975004355275AH	A	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975004420621AH	A	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975007888285AH	A	EA	MKPAAR	6	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975011518870AH	A	EA	MKPCAY	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	5990010409526AH	E	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	20050	5975004611036AH	A	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	26100	6105008198874AH	X	EA	MKPCAY	1-	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000152058	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000152060	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000152061	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000752842	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000752843	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000752844	X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	36150	6105008703885AH	R	EA	MKPCAY	15	NOT POSTED UNMATCHED OPERATION
00473A	36352	5315006880273	R	EA	MKPCAY	5	NOT POSTED UNMATCHED OPERATION
00473A	36352	5320003506584	R	EA	MKPCAY	6	NOT POSTED UNMATCHED OPERATION
00473A	36352	5990010489536AH	E	EA	MKPCAY	14	NOT POSTED UNMATCHED OPERATION
00473A	36352	8915004824078	A	EA	MKPCAY	4	NOT POSTED UNMATCHED OPERATION
00473A	36452	1410009203313AH	A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001660990	A	EA	MKPCAY	50	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001660994	A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001661025	A	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001661030	A	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001661031	A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001658550	R	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001668391	A	EA	MKPCAY	15	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330003030091	R	EA	MKPCAY	2	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330004055673AH	A	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330005797916	A	EA	MKPCAY	45	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330009203315AH	A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36453	4230010174238	R	EA	MKPCAY	12	NOT POSTED UNMATCHED OPERATION

Table 4.16. New BOM Work Sheet

TITLE	NEW BOM WORK SHEET
PCN	A-G005M-105-WC-M13
JOB	MMUWC
PREPARATION	WEEKLY/SUNDAY/TUESDAY/AS REQUESTED
PRODUCT USE	This product is a printout of the full range BOM contained in API D200 (RDB). The planner can extract data from this printout to develop a planning BOM.

*** This product is being held in abeyance pending implementation of the D200 (Applications Program Indentures) RDB. Questions concerning this report, should be directed to your local G005M OPR.

Figure 4.21. A-G005M-105-WC-M13 - New BOM Worksheet

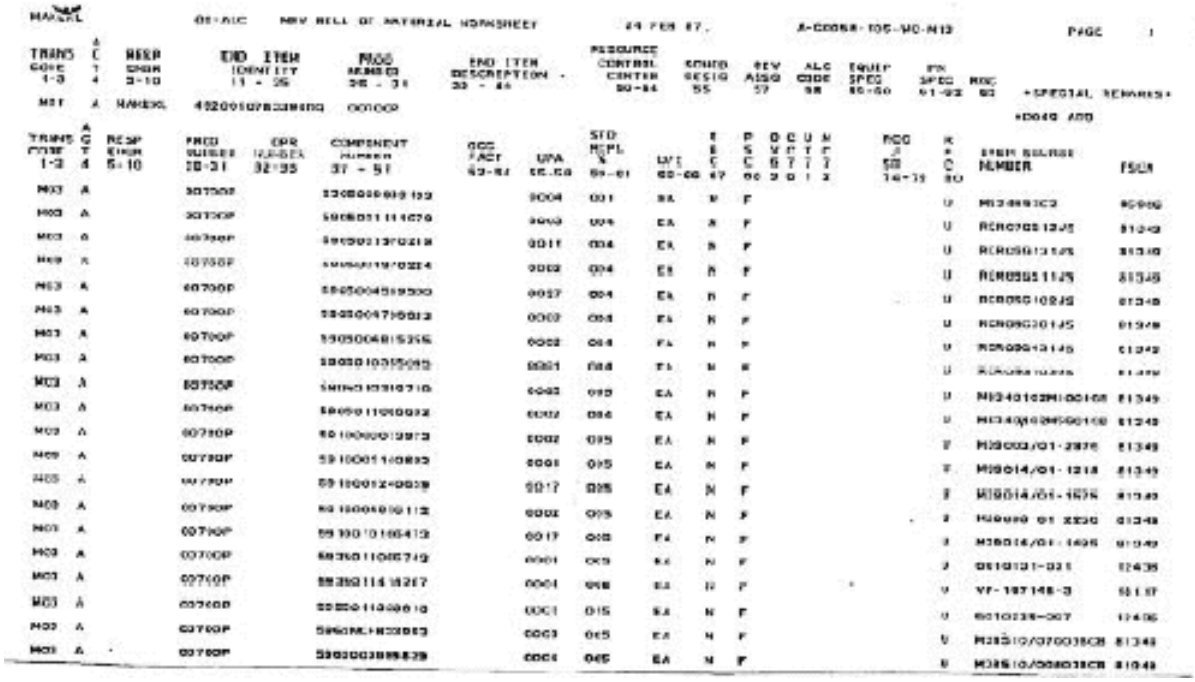


Table 4.17. Bill of Material Reprice List

TITLE	BILL OF MATERIAL REPRICE LIST (FICHE)
PCN	A-G005M-106-MA-M20
JOB	MMUMA
PREPARATION	MONTHLY-END OF MONTH-SECOND CALENDER DAY
PRODUCT USE	This product provides the planner extended summarized cost of material for a BOM. Costs are broken down to Direct Material-funded (Cost Code A), and Direct Material-unfunded (by Cost Codes D, E, X, and Z). The product is in microfiche form.
PRODUCT FORMAT	

a. Heading Elements.

1. Title. BOM REPRICE LIST

2. Date. The day, month, and year this product was produced.

3. Product Control Number (PCN). The number assigned this report for tracking purposes.

4. Page. The consecutive page number within the report.

b. Column Data.

1. RCC. Resource Control Center. The five position code assigned to the RCC responsible for accomplishing the workload.

2. SD. Scheduling Designator. The one character alpha code assigned to the scheduler responsible for providing support to the RCC.

3. PDN NR. Production Number. The number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

4. OPER NR. Operation Number. A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

5. OCC FAC. Occurrence Factor. The number of times an operation is planned or occurs in relation to the maximum number of times it could occur per end item being worked.

6. DIR-MATL-FUNDED-A. Funded Material, Cost Code "A".

7. DIR-MATL-KITS-D. Unfunded Material, Cost Code "D".

8. DIR-MATL-EXCHANGEABLE-E. Unfunded Material, Cost Code "E".

9. DIR-MATL-EXCHANGEABLE-X thru Z. Unfunded Material, Cost Code "X" thru "Z".

c. Summarization.

1. Production Number.

2. Total cost of funded material cost code "A".

3. Total cost of unfunded material cost code "D, "E", "Y", and "Z".

Note: Sequence of data on the list will be by RCC, Production Number, and Operation Number.

Figure 4.22. A-G005M-106-MA-M20 - BOM Reprice List

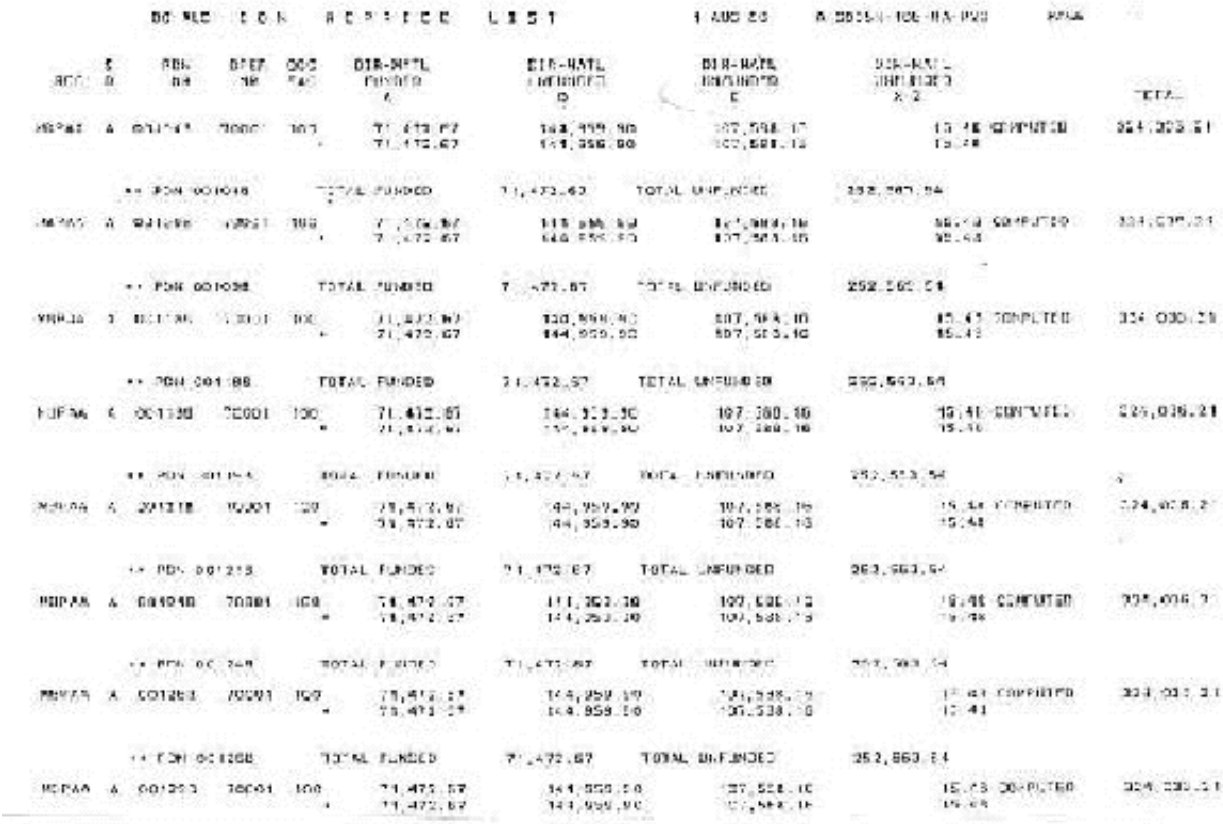


Table 4.18. Supportability Report

TITLE	SUPPORTABILITY REPORT
PCN	A-G005M-151-BB-M53
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This product provides the scheduler current material support posture of all direct and indirect materials used to support the maintenance work requirements. The indirect material is shown below the direct material using columns 3, 4, 5, 6, and 7. The scheduler will use this information to determine which end items, by quantity, are supportable. Based on the review of this report, the scheduler evaluates asset requisitions and orders supportable assets. The local supply FSC class manager reviews this report and takes necessary actions to expedite material shortages to support workload requirements.
PRODUCT FORMAT	

a. Heading Elements.

1. ACC. Accountable Cost Center.

2. TITLE. Supportability Report.

3. AS OF DATE. The day, month, and year this report was produced.

4. PCN. Product Control Number. The number assigned this report for tracking purposes.

5. PAGE. The consecutive number of pages within the report.

b. Column Data.

1. ACC. Accountable Cost Center. The cost center assigned responsibility for costing and production on an end item workload. Example (MKPC9).

2. SCH DES. Scheduling Designator. The one position alpha code assigned to the scheduler responsible for providing support to the RCC.

3. PDN. Production Number. The production number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

4. END ITEM IDENTITY. The NSN, MDS, or other numbers which will identify an end item.

5. SIMS. A six position code which identifies Item Management responsibility.

6. P REQ 1-2. The combined "M" and "S" GEN required production to support the IM's back orders and two weeks issues, plus two weeks of maintenance generations.

7. P REQ 3-4. The combined "M" and "S" GEN required production to support the of the 90 day workload.

8. AVAIL ASSETS. Available Assets. The quantity of repairable carcasses in the supply account, plus the maintenance generations.

9. MIC/DMSC DES. The MIC/DMSC designated to stock the components required to support end item workloads.

10. MGR DES. Manager Designator. This code identifies the IM responsible for end item management.

11. PM. Production manager. This code identifies the Production Manager responsible for the end item.

12. PRI ALC. The prime ALC having responsibility for the end item.

c. Column Data (Component Item).

1. OPR NR. Operation Number. A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

2. OCC FAC. Occurrence Factor. The percentage of times that an operation is planned or occurs in relation to the maximum number of times it could occur per end item being worked.

3. COMPONENT NSN. The National Stock Number assigned to the BOM component item.

4. ER. The code signifying Expendability, Recoverability, and Repairability category for a component item.

5. PS. Procurement Source Code. A one position code representing the procurement source, management, and financial assignment of the component item.

6. UI. Unit of Issue. Supply Unit of Issue for the component.

7. CC. Cost Code. The maintenance cost code assigned to the component item on the BOM

8. UT. Utility Code. The code identifies peculiar type items as recoverable component items which are repaired under their own production number (code 2), TO Kits (code 3), and component items that cannot be substituted (code 4).

9. UPA. Units Per Assembly. The number of identical parts in an end item as shown on the BOM.

10. RPL PCT. Replacement Percent. The percentage of times a component item is removed and replaced with serviceable items (when compared to the number of times the component is removed as a candidate for repair). For utility code 2 components, it is the condemnation factor.

11. RQMNTS P 1-2. The total material requirements to support both "M" and "S" generations of 1 and 2 workload.

12. SUPTG MIC/DMSC P 1-2. The quantity of this component item to support 1 and 2 workload allocated from the support MIC/DMSC.

13. DEPOT SUPPLY. The quantity of this component item to support 1 and 2 workload allocated from supply.

14. PCT SPT. The percent of support to the component requirement listed in requirement 1 and 2, that was allocated from maintenance MICs/ DMSCs and supply.

15. RQUMTS P. 3-4. Total requirements of this component to support precedence 3 and 4 workloads.

16. SUPTG MIC/DMSC P. 3-4. The quantity of this component item allocated from the support MIC/DMSC to support 3 and 4 workload.

17. DEPOT SUPPLY. The quantity of this component item allocated from depot supply to support 3 and 4 workload.

18. PCT SPT. The percent of support to the component requirement listed in requirement 3 and 4, that was allocated from maintenance MICs/ DMSCs and supply.

19. TOTAL REQ. The total requirement for the component item to support precedence 1, 2, 3, 4, "M" and "S" generations.

20. PCT SPT. The percent of the component requirements listed in the total requirement column, that were allocated from maintenance MICs/DMSCs and supply.

21. 09 BAL. This column indicates the number of components in the Item Managers 09 account.

Note: An asterisk in SUPT MIC/DMSC, or Depot Supply, indicates no match of NSN on the D035 Master File.

Figure 4.23. A-G005M-151-BB-M53 - Supportability Report

MBPA8 SUPPORTABILITY REPORT FOR PERIOD 23 AS OF 10 AUG 88 OO-ALC A-G005M-151-BB-M53 PAGE 3

ACC	SCH DEC	PON NR	DCC FAC	END ITEM IDENTITY	SIMS	P REQ 1-2	P REQ 3-4	AVAIL ASSETS	MIC DES	P REQ 3	P REQ 4	MGR RES	PRI PN ALC
MBPA8	A	44444C	100	000F0004D	FP4076	8	87	0	MCC	13	84		00

COMPONENT NSN	OPR NR	I S	ECP RIS	UI	CU CT	UPA	RPL PCT	RQMNTS P 1-2	SUPTG MIC	DEPOT SUPPLY	PCT SPT	RQMNTS P 3	SUPTG MIC	DEPOT SUPPLY	PCT SPT	RQMNTS P 4	PCT SPT	TOTAL REQ	PCT SPT	09 BAL
[illegible]	70001	[illegible]	[illegible]	EA	E	0008	003	1.8	1.0	.0	83	2.3	.0	.0	0	.0	0	3.9	26	0
[illegible]	70001	T	T	3	EA	[illegible]	004	1.4	.0	.0	0	2.1	.0	.0	0	.0	0	3.5	0	0
1280000725833	70001	B	N	F	EA	A	0001	002	.2	.0	.2	100	.3	.0	.3	100	.0	0	.5	100	0
1280005875150NT	70001	B	T	2	EA	E	0001	002	.3	.0	.3	100	.5	.0	.3	100	.0	0	.5	100	0
1280008870712	70001	B	N	F	EA	A	0001	001	.1	.0	.1	100	.1	.0	.1	100	.0	0	.2	100	0
1377009380552	70001	I	N	3	EA	A	0003	006	1.8	.0	1.8	100	2.3	.0	.4	[illegible]	.0	0	3.8	81	742
1377002380553	70001	L	N	3	EA	A	0001	005	.5	.0	.5	100	.7	.0	.7	100	.0	0	1.2	100	430
1377002457870	70001	L	N	3	EA	A	0003	002	.8	.0	.8	100	1.2	.0	1.2	100	.0	0	2.0	100	883
[illegible]	70001	B	N	3	EA	A	0002	008	1.0	.0	1.0	100	2.3	.0	2.3	100	.0	0	3.9	100	591
[illegible]	70001	B	N	3	EA	A	0001	001	.1	.0	.1	100	.1	.0	.1	100	.0	0	.2	100	86
[illegible]	70001	B	N	3	EA	A	0002	001	.2	0	.2	100	.3	.0	.3	100	.0	0	.5	100	341
1377009982592	70001	B	N	3	EA	A	0002	008	1.0	.0	1.0	100	2.3	.0	2.3	100	.0	0	3.0	100	135
1377010170602	70001	E	N	3	EA	A	0004	001	.4	.0	.4	100	.5	.0	.5	100	.0	0	.9	100	350
1430K130254SA8F		B	T	2	EA	D	TCTO KIT MATERIAL SUPPLY BALANCE					0								
1430K130305 1A8F		B	T	2	EA	D	TCTO KIT MATERIAL SUPPLY BALANCE					0								
1430K130307 6A8F		B	T	2	EA	D	TCTO KIT MATERIAL SUPPLY BALANCE					0								
1430000188 5-468F	70001	B	N	3	EA	A	0001	003	.3	.0	.3	100	.4	.0	.0	0	.0	0	.7	40	1010
1430000308 1158F	70001	B	T	2	EA	E	0001	002	.2	.0	.0	0	.3	.0	.0	0	.0	0	.5	0	35
1430000213 8888F	70001	B	P	3	EA	A	0001	001	.1	.0	.1	100	.1	.0	.1	100	.0	0	.2	100	87

Table 4.19. Depot Supply Non-Supportability

TITLE	DEPOT SUPPLY NON-SUPPORTABILITY
PCN	A-G005M-152-BB-MMT
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This report will provide the Supply Item Manager Specialist (SIMS) the material support status of the maintenance workload. The report identifies the specific component items which provide less than 75 percent support and also identifies the end items which are 100 percent supportable. The SIMS uses the product to identify the critical component items which require priority upgrading and or other expedite actions. The SIMS takes all necessary steps to satisfy these requirements.
PRODUCT FORMAT	

a. Heading Elements.

1. SIMS Code. The Supply Item Manager Specialist code assigned to NSN groups.

2. --ALC. The ALC for which the information was produced.

3. TITLE. Depot Supply Non-Supportable Report.

4. AS OF DATE. The day, month, and year this report was produced.

5. PCN: Product Control Number. The number assigned to this report for tracking purposes.

6. PAGE. The consecutive number of pages within each report.

b. Column Data (End Item).

1. SIMS. The Supply Item Manager Specialist Designator, comprised of the individual SIMS code (first two alpha positions) and the SIMS telephone extension (the last four numeric positions).

2. END ITEM IDENTITY. The NSN, MDS, or other numbers which will identify an end item.

3. ACC. Accountable Cost Center. The cost center assigned responsibility for costing and production on an end item workload. Example (MKPC9).

4. SD. Scheduling Designator. The one character alpha scheduling designator assigned to the scheduler responsible for providing support to the RCC.

5. EI MNG. End Item Manager. This code designates the responsible End Item Manager.

6. PROD MNG. Production Manager. This designates the responsible Production Manager.

7. PCT SUP P 1-4. Percent Supportable Precedence 1-4. The percent of the component requirements that are available to support the identified end item workload, precedence 1-4.

8. PCT SUP P 1-2. Percent Supportable Precedence 1-2. The percent of the component requirements that are available to support the identified end item workload, precedence 1-2.

9. ALC. The center having prime responsibility for the end item.

c. Column Data (Component Item).

1. COMPONENT NSN. The National Stock Number assigned to the Bill of Material component item.

2. I&S CD. Interchangability and Substitutability Code. The code that indicates whether a stock number item is a family master, subgroup master, etc., of a particular family.

a. A "blank" in this field indicates a bachelor item.

b. An "M" in this field indicates a subgroup master or a family master. Not interchangeable.

c. An "S" in this field indicates the stock number is interchangeable.

3. OCCR FAC. Occurrence Factor. The percentage of times that an operation is performed to produce a serviceable end item for a production number.

4. ER. The designator signifying the Expendability, Recoverability, and Repairability Category for a component item.

5. PS. Procurement Source Code. A one position code representing the procurement source, management, and financial assignment of the component item.

6. UI. Unit of Issue. The supply unit of issue for the component item.

7. CC. Cost Code. The Maintenance Cost Code of the component item.

8. UT. Utility Code. The code which identifies peculiar type items as recoverable component items which are repaired under their own production number.

9. UPA. Units Per Assembly. The number of identical parts in an end item as shown on the BOM.

10. RQMTS P 1-2. The total C/I requirements to support both M-gen and S-gen requirements in precedence 1-2.

11. SUPT MIC/DMSC. The quantity of the C/I, to support precedence 1-2 workloads, allocated from the support MIC/DMSC.

12. DEPOT SUP 1-2. The quantity of component items, to support precedence 1-2 requirements, allocated from supply.

13. PCT SUP. The percent of support of the component requirements for precedence 1-2 workloads that was allocated from the maintenance MICs/DMSCs.

14. RQMTS P 1-4. The total C/I requirements to support both M-gen and S-gen requirements in precedence 1-4.

15. SUPT MIC/DMSC 1-4. The quantity of the C/I, to support precedence 1-4 workloads, allocated from the support MICs/DMSCs.

16. DEPOT SUP 1-4. The quantity of component items, to support precedence 1-4 requirements, allocated from supply.

17. PCT SUP. The percent of support of the component requirements for precedence 1-4 workloads that was allocated from the maintenance MICs/DMSCs.

18. CI. Critical Item Code.

19. SRC SUP. Source of Supply Code.

20. TOTAL SUMMARY. These fields identify the total number of component line items in each of five support groups for P 1-2 and P 1-4.

Figure 4.24. A-G005M-152-BB-MMT - Depot Supply Non-Supportability

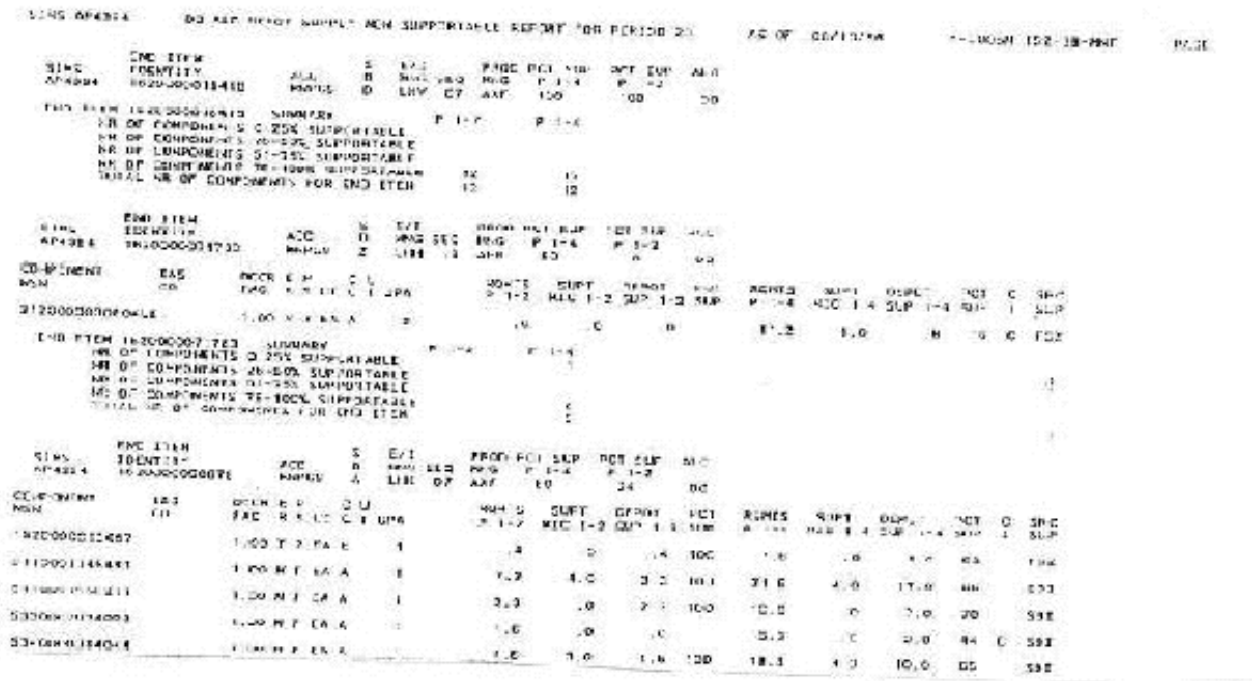


Table 4.20. Wholesale Effect Report

TITLE	WHOLESALE EFFECT REPORT
PCN	A-G005M-153-BB-MMZ
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This report provides the Item Manager (IM) visibility of component item support from Depot Supply for precedence 1-2 and precedence 1-4 requirements.
PRODUCT FORMAT	

*** This product is used at OO-ALC only. If you have questions concerning this report, contact your local G005M System OPR.

Figure 4.25. A-G005M-153-BB-MMZ - Wholesale Effect Report

---SUMMARY OF COMPONENT SUPPORT BY PRIME IM---

SOURCE OF SUPPLY	PRIME DIV IM	PRECEDENCE ONE AND TWO 0-25%	26-50%	51-75%	76-100%	TOTAL	PCT > 75%	***	PRECEDENCE ONE THRU FOUR 0-25%	26-50%	51-75%	76-100%	TOTAL	PCT > 75%
FFZ INVESTMENT	5905	2			3	5	60	*	2	1	1	1	5	20
	6105	1			7	8	87	*	1	4		4	9	44
	6110				3	3	100	*				4	4	100
	6115	1				1		*	1				1	
	6130	3			2	4	50	*	2			3	5	60
	6140	1				1		*	1				1	
	6805	3			19	22	86	*	4	6	4	12	25	48
	6820	1				1		*	1				1	
FFZ INVESTMENT	TOTAL	11			34	45	75	*	12	10	5	24	51	47
FFZ EXPENSE	1560	2			5	7	71	*	3			0	0	00
	3010				2	2	100	*			1	1	3	50
	3020				30	30	100	*	3	5	3	33	44	79
	3040				28	28	100	*		3	2	25	30	88
	3130	1			4	5	80	*	3	3		3	9	33
	5305				2	2	100	*				2	2	100
	5315				1	1	100	*				1	1	100
	5330				3	3	100	*		2		1	3	33
	5340						999	*	1				1	
	5355				2	2	100	*				2	2	100
	5385				1	1	100	*				1	1	100
	5880				1	1	100	*				1	1	100

Table 4.21. E/I Mgr Non-Supportability Report

TITLE	E/I MGR NON-SUPPORTABILITY REPORT
PCN	A-G005M-157-BB-MMP
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This product is provided to the End Item Manager and is a summary of component item support for each 2 week MISTR period. It reflects support requirements for precedence 1-2 and 1-4.
PRODUCT FORMAT	

a. Heading Elements.

1. EIM. End Item Manager code.

2. TITLE. End Item Manager Non-Supportability Report.

3. AS OF DATE. The day, month, and year this report was produced.

4. PCN. Product Control Number. The number assigned this report for tracking purposes.

5. PAGE. The consecutive number of pages within this report.

b. Column Data (End Item).

1. SIMS. A six position field that identifies the Item Manager responsible for the end item.

2. END ITEM IDENTITY. The NSN, MDS or other number used to identify the end item.

3. ACC. Accountable Cost Center. The cost center assigned responsibility for costing and production on an end item workload. Example (MKPS9L).

4. SD. Scheduling Designator. The one character alpha code assigned to the scheduler responsible for providing support to the RCC.

5. EI MNG. This field reflects the code used to identify the prime E/I manager.

6. PROD MNG. This field reflects the Production Manager code responsible for the E/I.

7. ALC. The center having prime responsibility for the E/I.

c. Column Data (Component Item).

1. COMPONENT NSN. The National Stock Number assigned to this component item.

2. I&S CD. Interchangeability and Substitutability Code. The code indicates whether a stock number item is family master, subgroup master, etc., of a particular I&S family.

3. OCC FAC. Occurrence Factor. The number of times an operation is planned or occurs in relation to the maximum number of times it could occur per end items being worked.

4. ER. The designator signifying Expendability, Recoverability, and repairability of a component item.

5. PS. Procurement Source Code. The code representing procurement source, management, and financial assignment of the component item.

6. UI. The supply Unit of Issue.

7. CC. Cost Code. The maintenance assigned Cost Code.

8. UT. Utility Code. The code which identifies particular type items as recoverable component items which are worked under their own production number.

9. UPA. Units Per Assembly. The number of identical parts in an end item as shown on the BOM.

10. RQMTS P 1-2. The Total material requirements to support both M and S generations of 1 and 2 workload.

11. SUPT MIC/DMSC 1-2. The quantity of this component item to support 1 and 2 workload allocated from support MIC/DMSC.

12. DEPOT SUP. The quantity of this component item to support 1 and 2 workload allocated from supply.

13. PCT SUP. The percent of component support, required to support 1-2 workload allocated from MICs/DMSCs and supply.

14. RQMTS P 1-4. Total material requirements to support 1-4 workload.

15. SUPT MIC/DMSC 1-4. The quantity allocated from the supporting MIC/DMSC to support 1-4 workload.

16. DEPOT SUP 1-4. The quantity allocated from depot supply to support 1-4 workload.

17. PCT SUP. The percent of component support, required to support 1-4 workload.

18. CI. Critical Item code.

19. SRC SUP. Source of Supply code.

Figure 4.26. A-G005M-157-BB-MMP - E/I Mgr Non-Supportability Rpt

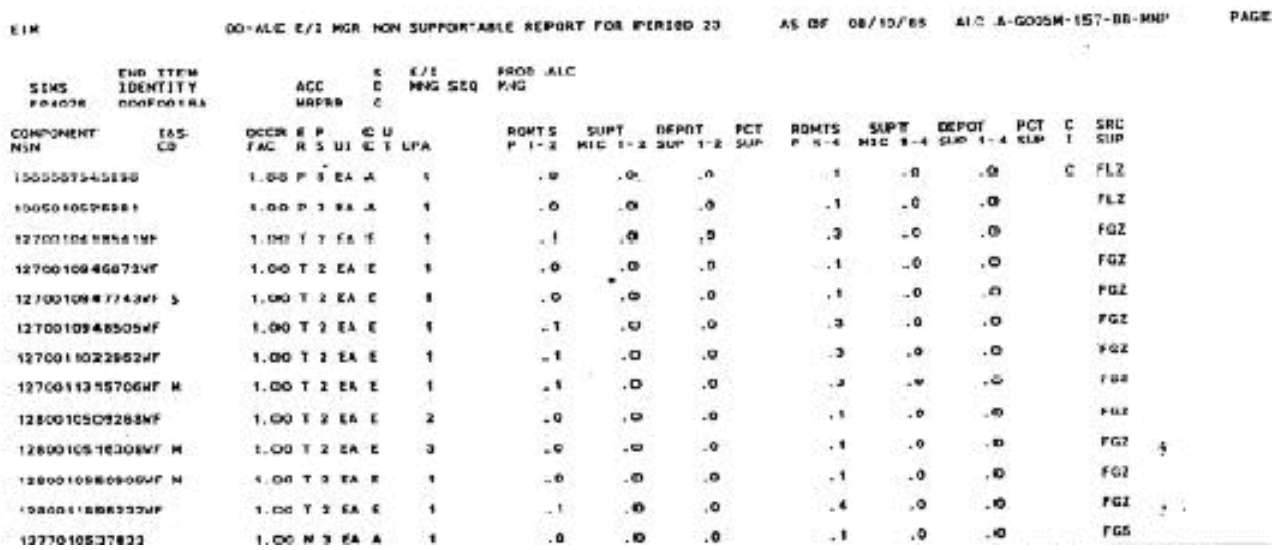


Table 4.22. Prod Mgr Non-Supportability Report

TITLE	PROD MGR NON-SUPPORTABILITY REPORT
PCN	A-G005M-158-BB-MMR
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This report is provided to the Production Manager and is a summary of component item support for each 2 week MISTR period. It reflects support requirements for precedence 1-2 and 1-4.
PRODUCT FORMAT	

*** The G005M-157 and G005M-158 are basically the same report. Please refer to the G005M-157 report for Heading Elements and Column Data.

Figure 4.27. A-G005M-158-BB-MMR - Prod Mgr Non-Supportability Rpt

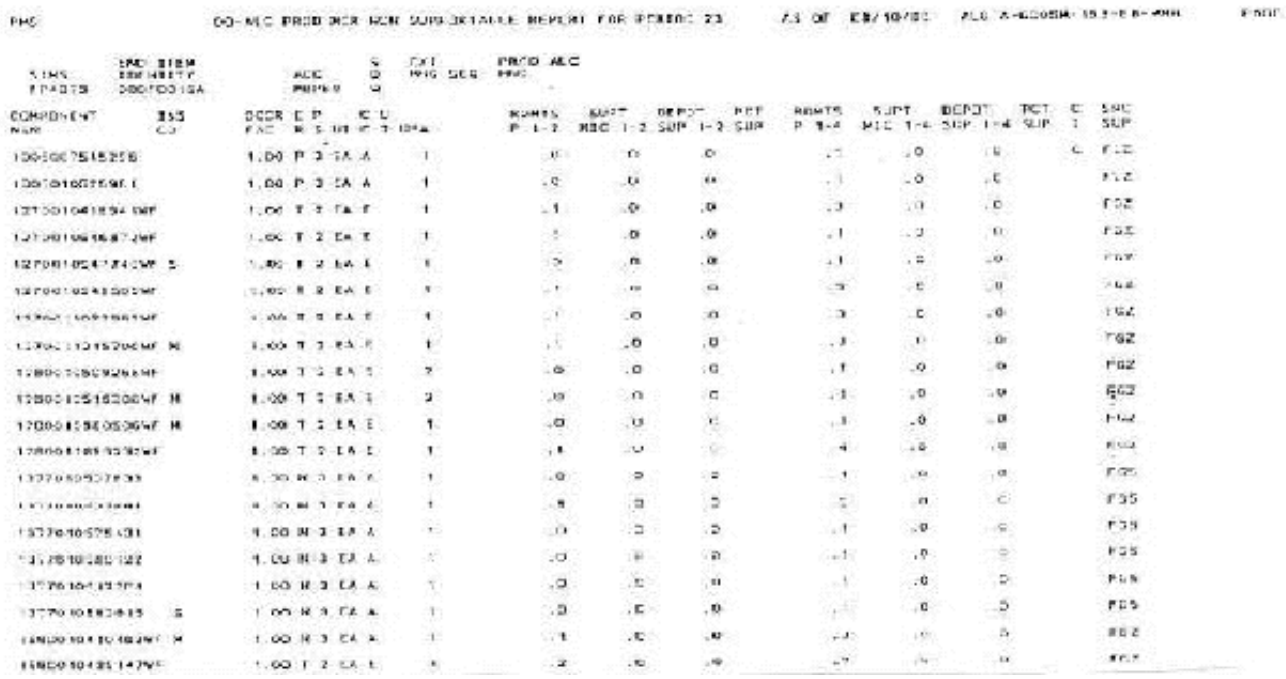


Table 4.23. Engine Component Shortages

TITLE	ENGINE COMPONENT SHORTAGES
PCN	A-G005M-181-BB-M54
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This report provides the engine division scheduling personnel a listing of the availability of components required to support the precedence 1 and 2, M and S gen workloads for the next 30 days and which are in short supply. Components reflected on this report are those required to replace the condemned parts only and do not include the maintenance generated components repaired in support shops and returned to the stacker. The scheduler uses this report to monitor availability of required components and inducts workload accordingly. PSF personnel use their copy of this report to determine MIC/DMSC stockage requirements for the next 30 days on ERRC coded N and P items and 15 days for C, S, and T exchange items.
PRODUCT FORMAT	

*** This product is used at OC-ALC and SA-ALC only. If you have questions concerning this report, contact your local G005M OPR.

Figure 4.28. A-G005M-181-BB-M54 - Engine Component Shortages

Table 4.24. End Item Parts Shortage List

TITLE	END ITEM PARTS SHORTAGE LIST
PCN	A-G005M-201-BC-M57
JOB	MMUBC
PREPARATION	BI-WEEKLY/SUNDAY/WEDNESDAY
PRODUCT USE	This product provides the Production Management Specialist a listing of those component parts affecting the production of their end items in maintenance. The PM Specialist uses this report to advise the applicable End Item Manager which parts are in short supply so that the necessary action is taken towards satisfying the parts shortage.
PRODUCT FORMAT	

a. Heading Elements.

1. PRODUCTION MANAGEMENT SPECILIST.

2. TITLE. End Item Parts Shortage List.

3. AS OF DATE. The day, month, and year this report was produced.

4. PCN. The Product Control Number assigned this report for tracking purposes.

5. PAGE. The consecutive number of pages within this report.

b. Column Data.

1. END-ITEM IDENTITY. The NSN, MDS or other numbers which will identify the end item.

2. PROD NR. A six position number assigned to each workload which is used to track labor and material costs.

3. OPER NR. A five position field assigned to represent a block of work within a production number.

4. PROD MGR. The code assigned to identify the responsible Production Manager.

5. COMPONENT NSN. The National Stock Number assigned to the component item.

6. D/S MGR. The Federal Stock Class Manager in supply who has responsibility for the component item.

7. SUPPLY SOURCE. A code which identifies the activity to which the requisition will be forwarded for supply action.

8. PREC 1-2 QTY SHRT. The quantity of the component item which is not available to support the maintenance repair requirements in precedence 1-2.

9. PREC 3-4 QTY SHRT. The quantity of the component item which is not available to support the maintenance repair requirements in precedence 3-4.

10. I-S CODE. Interchangeability and Substitutability Code.

11. DO NOT SUB. This field indicates that the component is not to be substituted.

12. DUE-IN DOCUMENT-NO. The document number assigned by supply requisition to the component item.

13. QTY DUE-IN. The quantity of component items requisitioned on document number due-in to supply

14. PRI CODE. The two position numeric MILSTRIP issue priority code.

15. EDD. Estimated Delivery Date.

16. ALC. The center responsible for the requisition.

Figure 4.29. A-G005M-201-BC-M57 - End Item Parts Shortage List

Table 4.25. Component Item Shortage List

TITLE	COMPONENT ITEM SHORTAGE LIST.
PCN	A-G005M-202-BC-M58
JOB	MMUBC

PREPARATION BI-WEEKLY/SUNDAY/WEDNESDAY

PRODUCT USE This product provides the applicable component item manager a listing of those components, under their management, in short supply and impacting production in maintenance. The information is used to insure that the necessary actions to satisfy the reported parts shortages have been submitted.

PRODUCT FORMAT

a. Heading Elements

1. ITEM MANAGER CODE.

2. PRIME ALC. The ALC having prime responsibility for the component.

3. TITLE. Component Item Shortage List.

4. AS OF DATE. The day, month, and year this report was produced.

5. PCN. Product Control Number. The Number assigned this report for tracking purposes.

6. PAGE. The consecutive number of pages within the report.

b. Column Data.

1. COMPONENT NSN. The National Stock Number assigned to this component.

2. END ITEM NSN. The NSN, MDS, or other numbers which will identify the end item.

3. E/I MGR. The code which identifies the responsible End Item Manager.

4. PROD MGR. The code which identifies the responsible Production Manager.

5. PROD NR. A six position number assigned to each workload which is used to track labor and material costs.

6. OPER NR. A five position field assigned to represent a block of work within a production number.

7. E/I ALC. The code which represents the center that has prime responsibility for the end item.

8. PRECD 1-2 QTY SHORT. The quantity of the component item which is not available to support the maintenance repair requirements in precedence 1-2.

9. PRECD 3-4 QTY SHORT. The quantity of the component item which is not available to support the maintenance repair requirements in precedence 3-4.

10. I&S CODE. Interchangeability and Substitutability Code.

11. DO NOT SUB. This field indicates that the component is not to be substituted.

12. DUE IN DOCUMENT NO. The document number assigned by supply to requisition the component item.

13. QTY DUE IN. The quantity of the component items requisitioned on document number due-in to supply.

14. PRI CODE. The two position numeric MILSTRIP issue priority code.

15. EDD. Estimated Delivery Date.

16. SOS. Source of Supply. This code identifies the activity to which the requisition will be forwarded for supply action.

Figure 4.30. A-G005M-202-BC-M58 - Component Item Shortage List

MM R/ITEM MGR PRIME-ALC DO COMPONENT ITEM SHORTAGE LIST FOR PERIOD 33 AS OF 30 JUL 88 A-G005M-202-BC-M58 PAGE 9

NSN	NSN	MGR	MGR	NR	NR	ALC	QTY-SHORT	QTY-SHORT	CODE	SUB	DOCUMENT NO	DUE-IN	CODE	EDD	SOS
1560ND020614GBF	1560009834324BF	KAG	FPL	18365A	00010	00	1	3							
					TOTALS---->		1	3							
[illegible]	[illegible]	KAG	FPL	[illegible]	00010	00	1	2							
					TOTALS---->		1	2							
1560ND020675GBF	000F00040			44444C	70001	00	1	1							
					TOTALS---->		1	1							
1560ND020789GBF	000F00040			44444C	70001	00	1	3							
											FB2O296 135X500	18	03	8143	FGZ
											FD2O208 1695205	18		8168	FGZ
											FD2O208 1695205	18	15	8200	FGZ
					TOTALS---->		1	3							
1560ND020884GWF	15800 1202 9088WF	KA4	FPU	25733A	00010	00	8	32							
					TOTALS---->		8	32							
1560ND028142GBF	15800 1185 0289BF	KAG	FPL	16045A	00010	00	2	5							
					TOTALS---->		2	5							
[illegible]	15800 1202 9088WF	KA4	FPU	25733A	00010	00	8	32							
											FB2O296 1670842	29	06	8178	FGZ
					TOTALS---->		8	32							
[illegible]	000F00040			44444C	70001	00	1	3							
					TOTALS---->		1	3							
1560ND021740GBF	000F00040			44444C	70001	00	4	16							
											FB2O296 1670845	38	06	8179	FGZ
					TOTALS---->		4	16							

Table 4.26. Depot Supply Shortage List

TITLE	DEPOT SUPPLY SHORTAGE LIST
PCN	A-G005M-203-BB-M56
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY

PRODUCT USE

This product provides the supply (FSC) class manager rapid identity of those component items not on hand to support the repair of critical and immediate need end items. The list is also used by the supply expediters to identify and expedite critical and work stoppage component items as well as to expedite material to prevent future line stoppages on high priority requirements.

PRODUCT FORMAT

a. Heading Elements.

1. SUPPLY ITEM MANAGER.

2. TITLE. Depot Supply Shortage List.

3. AS OF DATE. The day, month, and year this report was produced.

4. PCN. Product Control Number. The number assigned this report for tracking purposes.

5. PAGE. The consecutive number of pages within this report.

b. Column Data.

1. COMPONENT NSN. The National Stock Number assigned to this item.

2. ER. The code signifying the Expendability, Recoverability and Repairability category.

3. PS. Procurement Source Code. A one position code representing the procurement source, management, and financial assignment of the component item.

4. END ITEM IDENTITY. The NSN, MDS, or other numbers which identify the end item.

5. EI ALC. Identifies the center which has E/I management responsibility.

6. PRI REQ. This column reflects the required quantity of the component item.

7. 1-2 SHORT. This column will reflect the quantity short of the component item.

8. MIC/DMSC DES. The MIC/DMSC identified to stock the required component item.

9. DOCUMENT NUMBER. The document number assigned by supply to order the component item listed on the report.

10. D/I QTY. The number of components on the order document.

11. PR. The two position numeric MILSTRIP issue priority code.

12. ST. The two position code that denotes the status of the requisition.

13. DATE POST. The date the requisition was posted in D035.

14. SS/IM. A Three position code that reflects the source of supply.

15. DOCUMENT NUMBER. The document number on which the short component item has been ordered and, as such, generated a backorder.

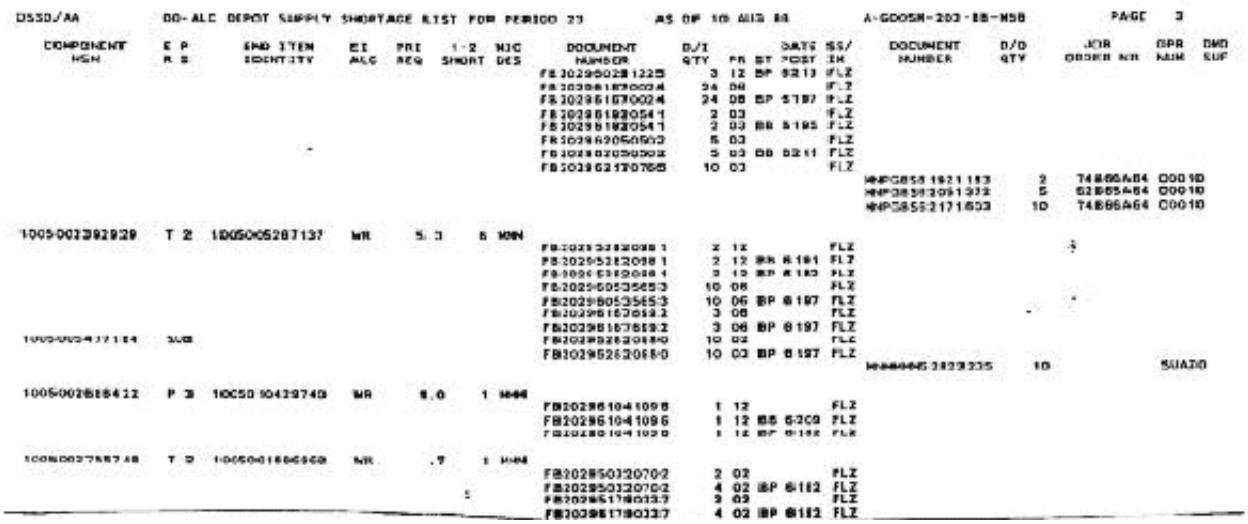
16. D/O QTY. The quantity of the short component on back order, which upon receipt by supply is mechanically issued.

17. JOB ORDER NR. Identifies the specific workload by fiscal year, quarter, or monthly time period, and the ownership purpose code on serialized workload.

18. OPR NR. A five position field assigned to represent a block of work within a production number that can be accomplished by an Individual Direct Labor Production Unit.

19. DMD SUF. The Demand Suffix Code used to designate an item as being applicable to initial installation, and nonrecurring requirement, or a recurring maintenance program.

Figure 4.31. A-G005M-203-BB-056 - Depot Supply Shortage List



DSSDJ/AA DO-ALC DEPOT SUPPLY SHORTAGE LIST FOR PERIOD 23 AS OF 10 AUG 84 A-G005M-203-BB-056 PAGE 3

COMPONENT NSN	E P R S	END ITEM IDENTITY	EI ALC	PRI REQ	1-2 SHORT	NIC DES	DOCUMENT NUMBER	D/I QTY	PR	ST	DATE POST	SS/ IM	DOCUMENT NUMBER	D/O QTY	JOB ORDER NR	OPR NUM	DMD SUF
							FB2029502B1225	3	12	BP	8213	FLZ					
							FB2029610700024	24	08	BP	5197	FLZ					
							FB2029610700024	24	08	BP	5197	FLZ					
							FB2029610920541	2	03			FLZ					
							FB2029610920541	2	03	BB	5195	FLZ					
							FB2029690560503	5	03			FLZ					
							FB2029690560503	5	03	BB	5211	FLZ					
							FB2029621700765	10	03			FLZ					
													NNPG855 1821153	2	74886A84	C0010	
													NNPG855 2091372	5	62885A84	C0010	
													NNPG855 2171603	10	74886A84	C0010	
1005002392929	T 2	1D050X05287137	WR	5.3	6	NNN											
							FB2029502B2081	2	12			FLZ					
							FB2029502B2081	2	12	BR	6181	FLZ					
							FB2029502B2081	2	12	BP	6183	FLZ					
							FB2029605356553	10	06			FLZ					
							FB2029605356553	10	06	BP	6197	FLZ					
							FB2029610700923	3	06			FLZ					
							FB2029610700923	3	06	BP	6197	FLZ					
1005002437184	SUB						FB2029502B20880	10	02			FLZ					
							FB2029502B20880	10	02	BP	6197	FLZ					
													NNNNNNN 3828235	10			SUAIO
1005002686412	P 3	1D050 10429740	WR	9.0	1	NNN											
							FB2028610410956	1	12			FLZ					
							FB2028610410956	1	12	BB	6209	FLZ					
							FB2028610410956	1	12	BP	6182	FLZ					
1005002788748	T 2	1D050416869G0	WR	.7	1	NNN											
							FB2028503207002	2	02			FLZ					
							FB2029503207002	4	02	BP	6182	FLZ					
							FB2029617803337	3	02			FLZ					
							FB2029617803337	4	02	BP	6182	FLZ					

Table 4.27. Material Shortage List

TITLE	MATERIAL SHORTAGE LIST
PCN	A-G005M-211-BB-M55
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This product provides the scheduler and MIC/DMSC personnel with a listing of component requirements that are not available to support repair of M and S generated end items with high priority (1-2) requirements. The scheduler uses this list to notify supply of material problems that will adversely affect future workload scheduling. MIC/DMSC personnel use this list to coordinate with the applicable supply FSC class manager to obtain needed parts. They also use this list to confirm requirements and to ensure that substitute NSNs are correct and made known to all source of supply activities. This report is generated by 2 week MISTR period.
PRODUCT FORMAT	

a. Heading Elements.

1. ACC. Accountable Cost Center.

2. TITLE. Material Shortage List.

3. AS OF DATE. The day, month, and year this report was produced.

4. PCN. Product Control Number. The number assigned this report for tracking purposes.

5. PAGE. The number of consecutive pages within the report.

b. Column Data (End Item).

1. ACC. The cost center assigned responsibility for costing and production on an end item being worked. Example (MKPC9E).

2. SCH DES. The one character alpha scheduling designator assigned responsibility for providing support to the RCC.

3. END ITEM IDENTITY. The NSN, MDS, or other numbers which will identify an end item.

4. E/I MGR. The code which identifies the manager responsible for the end item.

5. PROD NUMBER. The control number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

6. OPER NUMBER. A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

7. E/I ALC. The center having prime responsibility for the end item.

8. PROD MGR. The code assigned to identify the Production Manager having responsibility for the end item.

c. Column Data (Component Item).

1. COMPONENT NSN/NC/MMC. The National Stock Number assigned to the BOM component.

2. DS MGR. The code which identifies the Federal Stock Class Manager in supply.

3. PRECD 1-2 QTY-SHORT. The actual quantity of a component item not available to support repair requirements in precedence 1-2.

4. PRECD 3-4 QTY-SHORT. The actual quantity of a component item not available to support repair requirements in precedence 3-4.

5. MIC/DMSC DES. The MIC/DMSC designated to stock the components required to support end item workloads.

6. I-S CODE. The code that identifies Interchangeability and Substitutability category.

7. UTIL CODE. The Utility Code which identifies particular type items as recoverable component items which are repaired under their own production number.

8. DUE IN DOCUMENT-NO. The number assigned by supply to order the component item listed on the report.

9. DUE IN QTY. The quantity of the component on the DUE-IN document.

10. PRI. The two position numeric MILSTRIP issue priority code.

11. ST. The two position code that denotes the status of the requisition on the document number.

12. EDD. Estimated Delivery Date.

13. SOS. A three position code that designates the Source of Supply.

14. REMARKS. Pertinent notes relative to material in short supply (UM TO D035), This remark means the component is not on the D035K data base.

Figure 4.32. A-G005M-211-BB-M55 - Material Shortage List

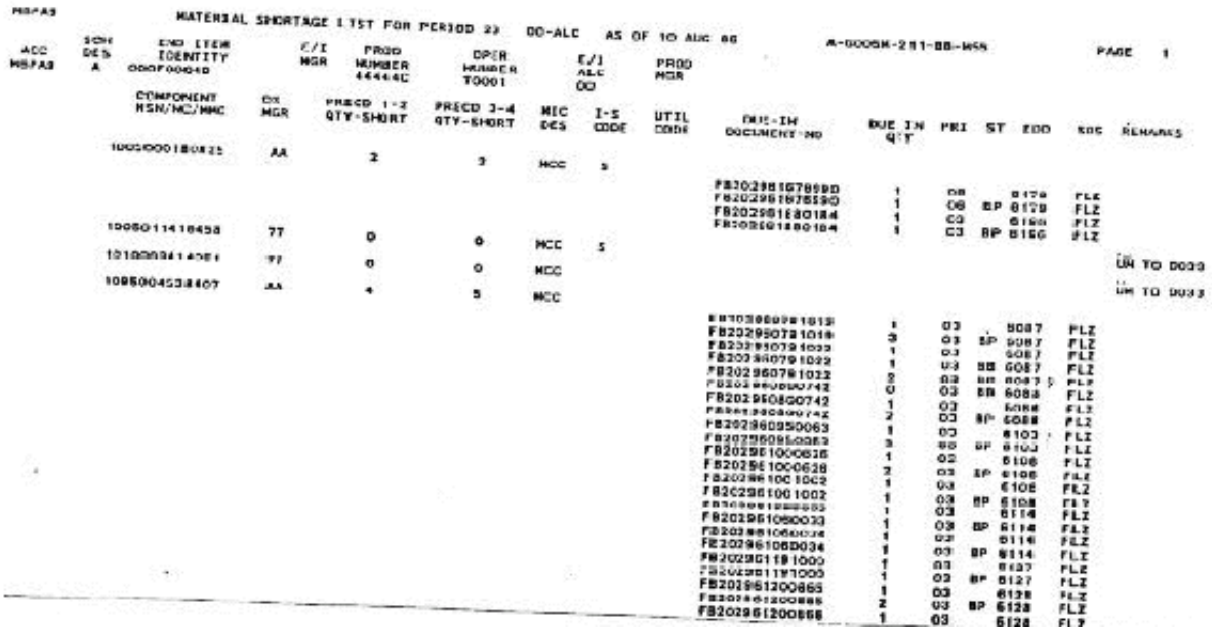


Table 4.28. Critical Component Item Identity

TITLE	CRITICAL COMPONENT ITEM IDENTITY
PCN	A-G005M-215-BC-MVD
JOB	MMUBC
PREPARATION	BI-WEEKLY/SUNDAY/WEDNESDAY
PRODUCT USE	This product provides visibility of those component items which have been identified as critical (precedence 1-2) to the maintenance workload requirements.
PRODUCT FORMAT	

a. Heading Elements.

1. ACC. Accountable Cost Center.

2. TITLE. Critical Component Item Identity

3. AS OF DATE. The day, month, and year this report was produced.

4. PCN. Product Control Number. The number assigned this report for tracking purposes.

5. PAGE. The consecutive number of pages within this report.

b. Column Data.

1. PRODUCTION NUMBER. A six position number assigned to each workload which is used to track labor and material costs.

2. OPER NR. A five position field assigned to represent a block of work within a production number.

3. END ITEM IDENTITY. The NSN, MDS, or other number used to identify the end item.

4. END ITEM DESCRIPTION. The name of the end item.

5. COMPONENT NUMBER. The National Stock Number assigned to the component item.

6. COMPONENT DESCRIPTION. The name of the component.

7. REQMTS P 1-2. The quantity of component requirements needed to accomplish the maintenance workload.

8. MESSAGE. A "SAVE" message, indicates this item should not be condemned, but returned to supply as a repairable asset.

Figure 4.33. A-G005M-215-BC-MVD - Critical Component Item Identity

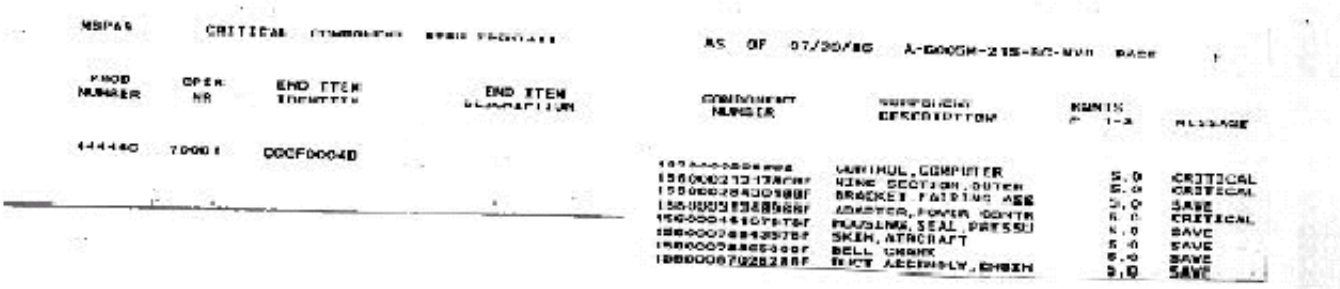


Table 4.29. Prod Mgr Shortage List

TITLE	PROD MGR SHORTAGE LIST
PCN	A-G005M-218-BB-M40
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This product provides the Production Manager visibility of those component requirements that are not available to support repair of M and S generated end items with high priority (1-2) requirements.
PRODUCT FORMAT	

a. Heading Elements.

1. PM CODE. Production Manager code.

2. TITLE. Prod Mgr Material Shortage List.

3. AS OF DATE. The day, month, and year this report was produced.

4. PCN. The Product Control Number assigned to this product for tracking purposes.

5. PAGE. The consecutive number of pages within the report.

b. Column Data (End Item).

1. PROD MGR. This code identifies the Production Manager responsible for the end item.

2. END ITEM IDENTITY. The NSN. MDS, or other number assigned to identify the end item.

3. E/I MGR. This code identifies the End Item Manager responsible for the end item.

4. PROD NUMBER. The control number assigned to identify the end item NSN. It consists of a five position control number and a sixth position that identifies the desired level of repair.

5. OPER NUMBER. A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

6. SOR ALC. The center identified as the Source of Repair.

7. ACC. The Accountable Cost Center assigned responsibility for costing and production on an end item being worked. Example (MKPE9C).

8. SCH DES. The one character alpha scheduling designator assigned responsibility for providing support to the RCC.

c. Column Data (Component Item).

1. COMPONENT NSN/NC/MMC. The National Stock Number assigned to the component item.

2. DS MGR. The code that identifies the Federal Stock Class Manager in supply.

3. PRECD 1-2 QTY-SHORT. The actual quantity of a component item not available to support repair requirements in precedence 1-2.

4. PRECD 3-4 QTY-SHORT. The actual quantity of a component item not available to support repair requirements in precedence 3-4.

5. MIC/DMSC DES. The MIC/DMSC designated to stock the components required for end item repair.

6. I/S CODE. Interchangeability and Substitutability category.

7. DO-NOT SUB. This field indicates the component is not to be substituted.

8. DUE-IN DOCUMENT NO. The number assigned by supply to order the component listed on the report.

9. DUE IN QTY. The quantity of the component on the DUE-IN document.

10. PRI. The two position numeric MILSTRIP issue priority code.

11. ST. The two position code that denotes the status of the requisition on the document number.

12. EDD. Estimated Delivery Date.

13. SOS. This field Identifies the Source Of Supply.

14. REMARKS. Pertinent notes relative to material in short supply (UM TO D035), This means the component item is not on the D035K data base.

Figure 4.34. A-G005M-218-BB-M40 - Production Manager Shortage List

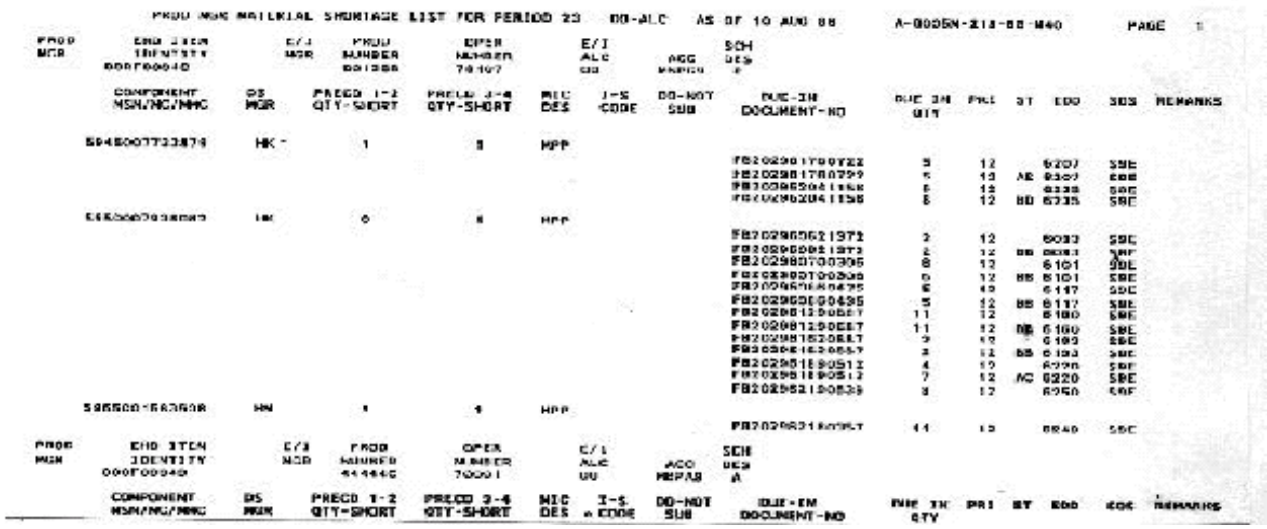


Table 4.30. Common Item Listing

TITLE	COMMON ITEM LISTING
PCN	A-G005M-300-BB-M59
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This report provides the MIC/DMSC visibility of those component items used on more than one end item workload in maintenance. It will also reflect precedence 1-2 and 3-4 requirements by MISTR period.
PRODUCT FORMAT	

a. Heading Elements.

1. TITLE. Common Item Listing

2. DATE. The day, month, and year this report was produced.

3. PCN. Product Control Number. The number assigned this report for tracking purposes.

4. PAGE. The consecutive number of pages within this report.

b. Column Data.

1. COMPONENT NSN. The National Stock Number assigned to the component.

2. MIC/DMSC DESG. The MIC/DMSC designated to stock the components required to support the end item workload.

3. CLERK CODE. The FSC manager assigned responsibility for the component item.

4. END ITEM IDENTITY. The NSN, MDS, or other number used to identify the end item.

5. RCC. The Resource Control Center responsible for accomplishing the workload.

6. SCH DES. The one position character alpha scheduling designator assigned to the scheduler responsible for providing support to the RCC.

7. PROD NUMBER. The production number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

8. OPR NR. A five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

9. REQUIREMENTS 1-2 3-4. This field shows the number of components needed to support precedence 1-2 and 3-4 requirements.

Figure 4.35. A-G005M-300-BB-M59 - Common Item Listing

Table 4.31. Material Estimated Cost Report

TITLE	MATERIAL ESTIMATED COST REPORT
PCN	A-G005M-301-MA-M26
JOB	MMUMA
PREPARATION	MONTHLY-END OF MONTH-SECOND CALENDAR DAY
PRODUCT USE	This product will list the production numbers and related data that are contained on the Low Volume Workload Bill of Material file. The report will be in production number sequence within Responsible Engineering Organization. The planner will review the product and determine if material prices (investment/expense) in the LVWBOM File need to be adjusted. Adjustments will be made by submitting an M29 transaction using action code "C".
PRODUCT FORMAT	

a. Heading Elements.

1. Responsible Engineering Organization
2. Title. Material Estimated Cost Report
3. Date. The day, month, and year the report is produced.
4. Product Control Number (PCN). The number assigned this report for tracking purposes.
5. Page. The consecutive page number within the report.

b. Column Data.

1. ACC. Accountable Cost Center. The cost center assigned responsibility for costing and production on an end item workload.
2. PROD NR. Production Number. The control number and job designator assigned to cover repair of an end item.
3. OPER NR. Operation Number. The operation that will be used in ordering material for repair of the end item.
4. EXP COST. Expense Cost. The estimated cost of the expense material used in the repair of the end item. This material will be assigned to cost code "A" by the computer.
5. INV COST. Investment Cost. The estimated cost of the investment material used in the repair of the end item. This material will be assigned to cost code "E" by the computer.
6. TOTAL COST. The total cost of Expense and Investment material.

Figure 4.36. A-G005M-301-MA-M26 - Material Estimated Cost Report

MATERIAL ESTIMATED COST REPORT AS OF 01 AUG 86 A-G005M-301-MA-M26 PAGE 1
RESP ENG ENG MANAGER

RCC	PROD NR	OPER NR	EXP COST MCC A	INV COST MCC E	TOTAL COST
MMPCAL	157632	00010	30.00	.00	30.00
MMPCAL	157654	00010	30.00	.00	30.00
MMPCAL	157674	00010	30.00	.00	30.00
MMPCAL	157734	00010	30.00	.00	30.00
MMPCAL	157824	00010	30.00	.00	30.00

Table 4.32. Expense Sales Price Variance

TITLE	EXPENSE SALES PRICE VARIANCE
PCN	A-G005M-405-MG-MJC
PREPPARATION	MONTHLY/15th. CALANDAR DAY/1st. WORK DAY
PRODUCT USE	This product compares the current material cost of a BOM to the prior year baseline sales price material cost. The variance of material costs will be expanded by the number of EI's to be produced for the balance of the year. If this extended variance exceeds $15,000 a detailed report will be produced showing the cost variance for each stock number on the BOM. This report will be used as justification when requesting an interim sales price change from HQ AFMC.
PRODUCT FORMAT	

a. Heading Elements.

1. RESPONSIBLE ENGINEERING. Planner responsible for the BOM

2. TITLE. Expense sales Price Variance Report.

3. DATE. The day, month and year the product was produced.

4. PRODUCT CONTROL NUMBER (PCN).The number assigned to this product for control purposes.

5. PAGE NUMBER. The consecutive number of pages within each report.

b. Column Data - End Item.

1. PROD NR. Production Number. The number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

2. OPER. Operation Number. A five position field assigned to represent a block of work within the production number that can be accomplished by an individual Direct Labor Production Unit.

3. END ITEM. The NSN or MDS of the end item.

4. PREC4. Precedence 4. The number of end items to be repaired in the next 90 days.

5. RM. Remaining Months.

6. E. Estimated Sales Price.

7. BASE SALES PRICE. Computed material cost to produce one end item. This cost was computed and established when the baseline sales price was established.

8. BASE END ITEM COST. Unit price of end item when the baseline sales price was established.

9. E. (ERRC). The designator signifying expendability, recoverability, repairability category code for a item.

10. REPRICE SALES PRICE. Computed material cost as of current date.

11. END ITEM COST. Unit price of EI as of current date.

12. VARIANCE DIF*(P4/3)*MR. Formula to compute projected variance - DIF equals Difference in sales price (current-base), P4 equals Precedence 4 quantity divided by 3 equals one month quantity multiplied by remaining months.

13. VARIANCE PERCENT. Percentage of current sales price versus baseline sales price. Formula-Current sales price, baseline sales price minus variance divided by baseline sales price (percentage is rolled up).

c. Column Data - Component Item (Baseline Information).

1. NSN. National Stock Number.

2. RCC. Resource Control Center. The five position code assigned to the RCC responsible for accomplishing the workload.

3. DATE EST. The date component was established on the BOM.

4. C/C. Cost Code. The maintenance cost code which classifies material as funded or unfunded.

5. OCC FAC. Occurrence factor assigned to the component when sales price was established.

6. UPA. Units Per Assembly when sales price was established.

7. REP %. Replacement percent when sales price was established.

8. UNIT PRICE. Stock list price of component when sales price was established.

9. EXP STD. Expanded standard material cost when sales price was established.

d. Column Data. Component items (Current Data).

1. C/C. Current Cost Code.

2. OCC FAC. Current Occurrence Factor

3. UPA. Current Units Per Assembly

4. REP %. Current Standard Replacement Percent.

5. UNIT PRICE. Current stock list price.

6. EXP STD. Expanded standard material cost based on current stocklist price.

7. NET DIFF. Net Difference. Dollar value difference of baseline expanded standard material cost and current expanded standard material cost.

Figure 4.37. A-G005M-405-MG-MJC - Expense Sales Price Variance

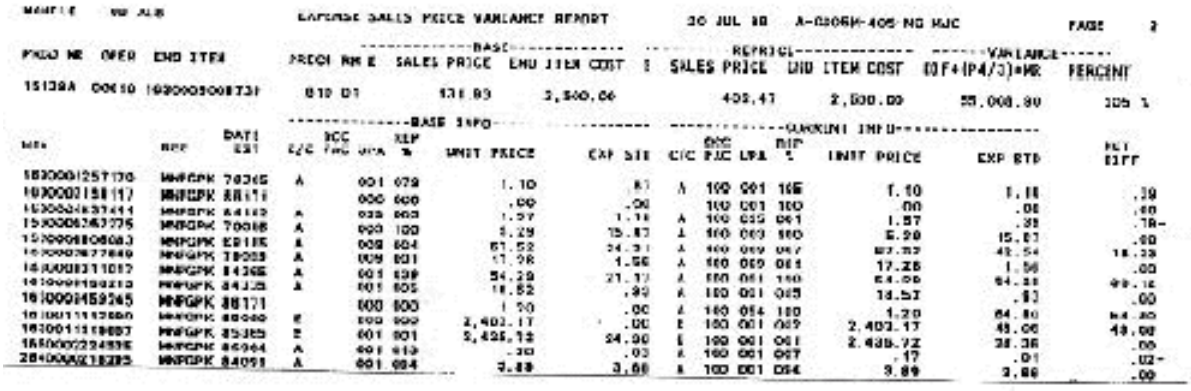


Table 4.33. Expense Sales Price Material Variance Report

TITLE	EXPENSE SALES PRICE MATERIAL VARIANCE REPORT (FICHE)
PCN	A-G005M-406-MIE
JOB	MMUMG
PREPARATION	YEARLY/END OF YEAR/1st. WORK DAY
PRODUCT USE	This product will provide analysis of all expense (direct) material by production number and by planner. Data compares prior years sales price history with current standards indicating the dollar value of inflation, inflation percentage, standard change and standard percent. The planner can review this product to determine if the material variances are valid or invalid and if the record should be adjusted. If valid provide Financial Management with the reason for change of the standard variance for possible sales price increase or decrease. If valid adjustments can be made by submitting a M07 (C or D) transaction.
PRODUCT FORMAT	

a. Heading Elements.

1. --ALC. ALC address designator.

2. TITLE. Expense Sales Price Material Variance Report.

3. DATE. The day, month and year this report was produced.

4. PCN. Production Control Number. The number assigned this report for tracking purposes.

5. PAGE NUMBER. The consecutive number of pages in this report.

b. Column Data.

1. PROD NR. Production Number. The number assigned to identify the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

2. END ITEM. The NSN, MDS or other numbers which identify an EI.

3. G019C QTY. The computed quantity of the drive (Precedence 4 and 5) for the remaining portion of the years production.

4. NOUN. A 19 position element used to describe the EI.

5. OPERATION. The operation number of the production number being analyzed.

6. PLANNER. The responsible IE technician for which the production number and operation number is being analyzed.

7. BASE LINE. The history file of expense (direct) material, established when the sales price was set.

8. CURRENT. The current standard as of the date of the report for expense (direct) material.

9. VARIANCE. The computed variance of the baseline minus the current standards of expense (direct) material.

10. NSN. The National Stock Number of the component when the sales price was set.

11. UPA (Baseline). The number of units required to repair an end item, established during sales pricing.

12. REP (Baseline). The replacement factor which indicates the number of times a component is removed or replaced with serviceable material at the time sales price was established.

13. SLP (Baseline). The stocklist price or unit price at the time sales price was established.

14. TOTAL (Baseline). The component dollar value of the UPA times the Replacement Percent times the Stock List Price equals the total.

15. UPA (Current). The units per assembly which indicate the number of units contained within an EI on the current standards.

16. REP (Current). The replacement factor which indicates the number of times a component is removed or replaced with serviceable material which is on the current standards.

17. SLP (Current). The stock list price or unit price of the current standard price.

18. TOTAL. The computed dollar value of the UPA percent times the REP percent times the SLP equals the total.

19. VARIANCE. The computed variance of the total expense standards of the baseline minus current, by production number and operation number and specific planner.

20. INFLATION. The total computed inflation of the baseline stock list price minus the current stock list price times the baseline units per assembly times the current replacement factor equals the inflation.

21. INF %. The computed inflation percent is the inflation divided by the baseline total.

22. STANDARD. The computed standard variance of the variance minus the inflation equals the standard.

23. STD %. The computed standard percent of the standard divided by the baseline total equals the standard percent.

24. PROD NR TOTAL. The sum of baseline total, current total and all variance column data.

Figure 4.38. A-G005M-406-MG-MIE - Expense Sales Price Material Var

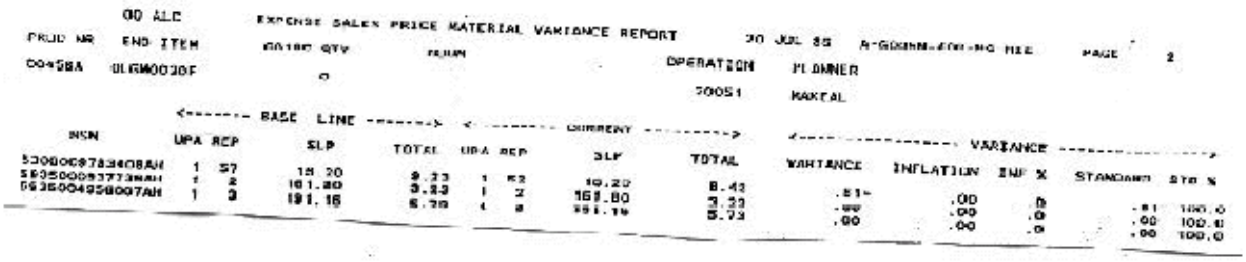


Table 4.34. Expense Sales Price Variance Report by Prod Nr

TITLE	EXPENSE SALES PRICE VARIANCE REPORT BY PROD NR
PCN	A-G005M-407-MG-MIG
JOB	MMUMG
PREPARATION	YEARLY/END OF YEAR/1st. WORK DAY.
PRODUCT USE	This product will provide analysis of all expense (direct) material by production number. Data compares the same information as the G005M 406 report.
PRODUCT FORMAT	

a. Heading Elements.

1. --ALC. ALC address designator.

2. TITLE. Expense Sales Price Variance Report by RCC.

3. DATE. The day, month and year the product was produced.

4. PCN. Product Control Number. The number assigned this report for tracking purposes.

5. PAGE NUMBER. The consecutive number of pages within the report.

b. Column Data.

1. PROD NR. The production number requiring material (direct expense only) which identifies the desired level of repair.

2. END ITEM. The NSN, MDS, or other numbers which identify an EI.

3. NOUN. a 19 position element used to describe an EI.

4. ACC. The Accountable Cost Center responsible for the ordering and turn-in of the EI.

5. QTY. The computed quantity of the production number from G019C drive (Precedence 4 and 5) for the remaining portion of the years production.

6. VARIANCE. The computed variance of the total expense standards.

7. TOTAL VAR. The total computed variance of the quantity times the variance by production number for all RCC's.

8. INFLATION. The total computed inflation of the quantity times the inflation change by production number for all RCC's.

9. INF %. The total computed Inflation Percent by production number for all RCC's.

10. STANDARD. The total computed standard of the quantity times the standard change by production number for all RCC's.

11. STD %. The total computed inflation percent by production number for all RCC's.

12. TOTAL BY DIRECTORATE. The computed total for a specific directorate.

Figure 4.39. A-G005M-407-MG-MIG - Expense Sales Price Var by Prod Nr

DO ALC EXPENSE SALES PRICE VARIANCE REPORT BY PROD NR 20 JUL 88 A-G005M-407-MG-MIG PAGE 1

PROD NR	END ITEM	NOUN	ALC	QTY	VARIANCE	TOTAL VAR	INFLATION	INF%	STANDARD	STD %
00458A	DLGH0030F		MKPA9R		16313.23-	.00	.00	.0	.00	100.0
00473A	DLGH0030G		MKPA9S		993.95	.00	.00	.0	.00	100.0
00510A	432000907051 8AH	PUMP,RECIPROCATING	MKPE9C	30	4.97-	149.10-	.00	.0	149.10-	100.0
00545A	432000821589 7AH	PUMP UNIT,CENTRIFUG	MKPE9C	12	.00	.00	.00	.0	.00	100.0
00566A	145000750188 6AH	HOIST ASSEMBLY,MTDR	MKPE9A	9	123.23-	1108.07-	1.10-	.1	1107.97-	99.9
00584A	145000070368 6AH	HOISTING UNIT,RE-EN	MKPE9C		.00	.00	.00	.0	.00	100.0
00592A	433000783787 6AH	PUMP UNIT,CENTRIFUG	MKPE9C	5	2.09	10.25	1.59	15.5	8.66	84.5
00613A	145000085037 8AH	HEATER ASSEMBLY,SEM	MKPE9A	1	60.27-	60.27-	.00	.0	60.27-	100.0
00615A	251000907375 2AH	ACTUATOR ASSY,FFTSH	MKPE9C	15	1174.52	17617.80	211.41	1.2	17406.39	98.8
00618A	145000831740 9AH	LEVELING JACKS	MKPE9C	4	.00	.00	.00	.0	.00	100.0
13278A	156000688034 8BF	RUDDER,AIRCRAFT	MNPS9J	157	183.59	25013.48	275.14	1.1	24738.32	98.9
13281A	158000739375 8BF	SPOILER, LH WING, O	MNPS9L	78	7.48	583.44	18.67	3.2	564.77	96.8
13288A	158000753375 6BF	SPOILER, RH WING, O	MNPS9L	90	11.08	997.20	.00	.0	997.20	100.0
13291A	158000794472 7BF	STABILATOR ASSEMBLY	MNPS9D	173	41.54	7144.88	7.14	.1	7137.74	99.9
13293A	158000800265 7BF	DOOR,ACCESS	MNPS9C	2	.00	.00	.00	.0	.00	100.0
13294A	158000859077 6BF	STRUCTURE ASSEMBLY	MNPS9R	12	519.48-	6233.75-	.00	.0	6233.75-	100.0
13295A	158000859077 8BF	STRUCTURE ASSEMBLY	MNPS9R	12	199.27	2391.24	86.08	3.6	2305.16	96.4
13296A	158000859077 6BF	STRUCTURE ASSEMBLY	MNPS9R	99	49.46	4847.08	.00	.0	4847.08	100.0
13305A	158000228540 2BF	FLAP,WING DIVE BRAK	MNPS9L	99	15.62-	1548.38-	9.77-	.6	1537.11-	99.4
13306A	158000228540 3BF	FLAP DIVE BRAK	MNPS9L	48	8.00	386.00	5.88	1.5	392.12	98.4
13308A	158000463429 2BF	LEADING EDGE,CENTER	MNPS9L	50	35.30-	1765.00-	37.06-	2.1	1727.94-	97.9
13309A	158000463429 4BF	LEADING EDGE,CENTER	MNPS9R	87	367.16-	32244.02-	1813.08-	7.8	31431.94-	92.2
13344A	156000785324 2BF	DOOR,ACCESS	MNPS9R	89	526.92	46895.88	4287.52	9.1	42628.36	90.8
13346A	156000785324 4BF	DOOR,ACCESS	MNPS9C	25	47.02-	1175.50-	.00	.0	1175.50-	100.0
13439A	156000731530 8BF	DOOR,ACCESS	MNPS9C	43	7.33	315.88	.00	.0	315.88	100.0
13547A	2585005107633	THROTTLE BOX,DUAL C	MNPS9C	1	224.38	224.38	.00	.0	224.38	100.0
13566A	158000760560 2BF	BELLOWS, FEEL TRIM,	MNPS9L		.00	.00	.00	.0	.00	100.0
13572A	158000780550 8BF	REEL,CABLE	MNPS9L	167	.00	.00	.00	.0	.00	100.0
13589A	158000780552 8BF	REEL,CABLE	MNPS9L	16	4.89	78.24	.00	.0	78.24	100.0
13611A	158000733156 8BF	DOOR,ACCESS	MNPS9L	34	.00	.00	.00	.0	.00	100.0
13707A	158000844500 3BF	RAMP ASSEMBLY,VARIA	MNPS9C		586.38-	.00	.00	.0	.00	100.0
13723A	158000824300 8BF	FLAP,WING	MNPS9L	11	4.61	50.71	.15	.3	50.56	99.7
13725A	158000824300 9BF	STRUCTURE ASSEMBLY	MNPS9R	17	44.60-	758.20-	8.34-	1.1	749.86-	98.9
13732A	156000834733 8BF	STRUCTURE ASSEMBLY	MNPS9R	30	2.22-	66.60-	10.16-	15.3	56.43-	84.7
13815A	158000819833 8BF	DOOR,ACCESS	MNPS9C	1	1.73-	1.73-	.00	.0	1.73-	100.0
13814A	158000217554 5BF	DOOR SS	MNPS9C	1	84.07	84.07	.00	.0	84.07	100.0
13816A	158000246616 4BF	DOOR SS	MNPS9C		174.06	.00	.00	.0	.00	100.0
13822A	156000246616 6BF	FLAP,WING LANDING	MNPS9H	165	9.43-	1555.95-	.00	.0	1555.95-	100.0
13828A	156000788394 1BF	RING ASSEMBLY,BELLM	MNPS9L	268	15.08	4005.86	38.05	.9	3967.81	99.1
14084A	156000790687 3BF	RING ASSEMBLY,BELLM	MNPS9L	274	.35-	95.90-	.85-	1.0	94.95-	99.0
14331A	145000089852 4AH	CYLINDER ASSEMBLY,A	MNPG9Z	2	.00	.00	.00	.0	.00	100.0
14335A	158000251593 0BF	DOOR,LANDING GEAR,A	MNPS9C	72	28.00	2016.00	.00	.0	2016.00	100.0
14423A	158000448483 8BF	DOOR,LANDING GEAR,A	MNPS9C	102	5.58-	572.88-	.00	.0	572.88-	100.0
	158000933243 1BF	DOOR,LANDING GEAR,A	MNPS9C	102	2.92-	297.84-	72.07-	24.2	225.77-	75.8

Table 4.35. Expense Sales Price Variance by RCC

TITLE	EXPENSE SALES PRICE VARIANCE BY RCC
PCN	A-G005M-408-MG-MIG
JOB	MMUMG
PREPARATION	YEARLY/END OF YEAR/1st WORK DAY
PRODUCT USE	This product will provide analysis of all expense (direct) material by production within an RCC.
PRODUCT FORMAT	

a. Heading Elements.

1. --ALC. Prime ALC address designator.

2. TITLE. Expense Sales Price Variance By RCC.

3. DATE. The day, month and year this report was produced.

4. PRODUCT CONTROL NUMBER (PCN). The number assigned this product for control purposes.

5. PAGE NUMBER. Consecutive number of pages within this report.

b. Column Data.

1. RCC. The Resource Control Center. The Resource Control Center having responsibility for material support.

2. PROD NR. Production Number. The Production Number requiring material (direct expense only) which identifies the desired level of repair.

3. END ITEM. The NSN, MDS, or other numbers which identify the end item.

4. NOUN. A 19 position element used to describe the end item.

5. ACC. The Accountable Cost Center responsible for the requisitioning and turn-in of the end item.

6. QTY. Quantity. The computed quantity of the production numbers from G019C drive (Precedence 4 and 5) for the remaining portion of the years production.

7. VARIANCE. The computed variance of the total expense standards by production number within a specific RCC.

8. TOTAL VAR. Total variance. The total computed variance of the quantity times the variance by production number within a specific RCC.

9. INFLATION. The total computed inflation of the quantity times the inflation change by production number within a specific RCC.

10. INF%. Inflation Percent. The total computed inflation percent by production number within a specific RCC.

11. STANDARD. The total computed standard of the quantity times the standard change by production number within a specific RCC.

12. STD%. Standard Percent. The total computed inflation percent by production number within a specific RCC.

13. TOTAL BY RCC. The sum of all PDN's within an RCC for the Variance, Total Variance, Inflation, Standard, and Std Percent.

Figure 4.40. A-G006M-408-MG-MIG - Expense Sales Price Var by RCC

RCC	PROD NR	END ITEM	NOUN	ACC	QTY	VARIANCE	TOTAL VAR	INFLATION	INF%	STANDARD	STD %
MKLAAA	18051A	8885001159602YD	INDICATOR,VACUUM	MKLAAA	6	49.00-	294.00-	.00	.0	294.00-	100.0
MKLAAA	18726A	8780008813939	REPAIR KIT,CAMERA	MKLAAA	3	.00	.00	.00	.0	.00	100.0
MKLAAA	18885A	6605010081573	CONSOLE MONITOR	MKLAAA	33	61.78	1998.74	4.15	.3	1374.81	99.7
MKLAAA	18898A	8805010081514	CONSOLE MONITOR	MKLAAA	16	106.75	1821.88	30.74	1.6	1890.94	98.4
MKLAAA	19079A	8780008813939	REPAIR KIT,CAMERA	MKLAAA	1	.00	.00	.00	.0	.00	100.0
MKLAAA	19708A	6605007724539	POWER SUPPLY	MKLAAA	8	.00	.00	.00	.0	.00	100.0
MKLAAA	19206A	8505007830338 -	POWER SUPPLY	MKLAAA	14	52.75	738.50	.00	.0	738.50	100.0
MKLAAA	19225A	4930904028282WB	AN/USM-123	MKLAAA	1	.58	.00	.00	.0	.00	100.0
MKLAAA	19492A	6605007724533	ALIGNMENT EQUIPMENT	MKLAAA	6	.00	.00	.00	.0	.00	100.0
MKLAAA	20985A	8675008137030AH	THEODOLITE,SURVEYIN	MKLAAA	12	8.52	79.44	301.79	379.8	222.38-	379.8-
MKLAAA	84068A	4320001980305BF	PUMPING UNIT,HYDRAU	MKLAAA	1	246.87-	246.87-	10.28-	4.2	236.51-	95.8
MKLAAA	88775A	6605007724522	AMPLIFIER,ELECTRONI	MKLAAA	3	.00	.00	.00	.0	.00	100.0
MKLAAA	82438A	4130008333347BF	COMPRESSOR DEHYDRAT	MKLAAA	8	.34-	2.72-	.00-	.0	2.72-	100.0
MKLAAA	82441A	4320007947888BF	PUMPING UNIT,HYDRAU	MKLAAA	4	1.14-	4.56-	.00-	.0	4.56-	100.0
MKLAAA	84038A	4320000589534BF	PUMP,AXIAL PISTONS	MKLAAA	38	.11	3.04	.00	.0	3.04	100.0
MKLAAA	98951A	4320000271201BF	PUMPING UNIT,HYDRAU	MKLAAA	1	11.18-	11.18-	.00	.0	11.18-	100.0
TOTAL BY RCC						100.51-	3582.11	320.30	8.2	3235.81	90.8
MKLEEE	16398A	8825001426369BF	TEST SET,RADAR	MKLEEE	0	.00	.00	.00	.0	.00	100.0
MKLEEE	16584A	4935001482431AB	CIRCUIT CARD ASSEMB	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	17519A	8825010654972BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	17821A	8825010554974BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	17833A	8825010554976BF	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	17829A	8825010554979BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	18434A	4935005391102AB	CIRCUIT CARD ASSEMB	MKLEEE	3	.00	.00	.00	.0	.00	100.0
MKLEEE	18882A	4935008381181AB	CIRCUIT CARD	MKLEEE	3	8.88-	26.64-	.00	.0	26.64-	100.0
MKLEEE	18784A	4935001474188AB	CIRCUIT CARD ASSEMB	MKLEEE	10	1.24-	12.40-	.00	.0	12.40-	100.0
MKLEEE	18885A	8825001426353BF	TEST SET,RADAR	MKLEEE		40.00	.00	.00	.0	.00	100.0
MKLEEE	18888A	8825010390070BF	AN/APM383 TS	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	19215A	4935001482433AB	RELAY CARD	MKLEEE	1	1.32	1.32	.00	.0	1.32	100.0
MKLEEE	19184A	4930019508715BF	ANTA SHIP TS	MKLEEE	9	1.93-	17.37-	.00	.0	17.37-	100.0
MKLEEE	20706A	8780002471550	TEST SET,ELECTRONIC	MKLEEE	26	.00	.00	.00	.0	.00	100.0
MKLEEE	50031A	5915008764178AH	NETWORK,PHASE CHANG	MKLEEE	14	403.01-	5642.14-	1619.98-	28.7	4022.83-	71.3
MKLEEE	50048A	4935001168338BF	TEST SET,RADIO FREQ	MKLEEE	13	2.62	34.06	.00	.0	34.06	100.0
MKLEEE	61272A	6605008683012	DETECTING SET,MINE	MKLEEE	9	81.38	188.98	844.88	188.4	144.91-	88.4-
MKLEEE	71219A	1840001414110AB	CIRCUIT CARD ASSEMB	MKLEEE	18	18.54	157.98	.00	.0	357.96	100.0
MKLEEE	82569A	6655005810210	RADIAC SET	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	82627A	8825010210772BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	82628A	8825010210773BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	82629A	8825010210774BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	82631A	8815010351938BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	82633A	8825010231318BF	CIRCUIT CARD	MKLEEE		.00	.00	.00	.0	.00	100.0
MKLEEE	82634A	8825010344018BF	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0

Table 4.36. I&S Sales Price Variance

TITLE	I & S SALES PRICE VARIANCE
PCN	A-G005M-410-MG-MJF
JOB	MMUMG
PREPARATION	MONTHLY/15Th. CALENDAR DAY/1St. WORK DAY
PRODUCT USE	This report reflects the unit price variance between the NSN originally ordered and the substitute item issued. The planner can review this report to determine what may have caused an increase or decrease in the sales price.

PRODUCT FORMAT:

a. Heading Elements.

1. TITLE. G005M I&S SALES PRICE VARIANCE REPORT

2. PRODUCT CONTROL NUMBER. The number assigned this report for tracking purposes.

3. DATE. The day, month and year the list is produced.

4. PAGE. The consecutive page number within the report.

b. Column Data.

1. RESP ENGR. The planner responsible for the production number.

2. PDN NR. Production Number. The number assigned to identifying the end item NSN. It consists of a five position control number and a sixth position, which identifies the desired level of repair.

3. OPR NR. Operation Number. A five position field assigned to represent a block of work within the production number that can be accomplished by an individual Direct Labor Production Unit.

4. ORDERED STOCK NUMBER. The NSN originally ordered, but unavailable for some reason at the time of the request.

5. UNIT PRICE. The individual cost for the original item ordered.

6. SUBSTITUTE STOCK NUMBER. The NSN substituted for the original item ordered.

7. UNIT PRICE. the individual cost of the item substituted for the original request.

8. VARIANCE. The difference between the ordered and the substituted unit price.

9. QTY ISSUED. Number of individual components issued against the original request.

10. TOTAL VARIANCE. This is the variance based on the quantity issued times the individual component variance.

Figure 4.41. A-G005M-410-MG-MJF - I&S Sales Price Variance

Table 4.37. Quarterly BOM Exception Report

TITLE	QUARTERLY BOM EXCEPTION REPORT
PCN	A-G005M-411-QA-M83
	A-G005M-412-QA-M83
	A-G005M-413-QA-M84
	A-G005M-414-QA-M84
JOB	MMUQA
PREPARATION	QUARTERLY/END OF QUARTER/1st WORK DAY

*** The G005M-411, 412, 413, And 414 are basically the same report, the only difference being as follows:

A-G005M-411, (Part 1), by RCC/PRODUCTION NUMBER

A-G005M-412, (Part 2), by RCC/DIVISION

A-G005M-413, (Part 3), by PLANNER/PRODUCTION NUMBER

A-G005M-414, (Part 4), by PLANNER/DIVISION

PRODUCT USE

A-G005M-411 (Part 1). This report is printed by RCC and PDN and is designed to readily show scheduling (PSF) personnel those BOMs that were analyzed and that need to be upgraded and file maintained first. Those BOMs with a low percent of PSF accuracy, should be reviewed by PSF personnel to ensure that material is being ordered properly. The last portion of this report is summarized and is used to build the G005M-412 report, rolled up and summarized through division to directorate level.

A-G005M-412 (Part 2). This report is printed by RCC within division and is designed to provide ready visibility of those RCCs within the product division that may require increased attention to their BOMs. A low percent of accuracy is an indication that PSF attention may be required to ensure material is ordered properly against those BOMs within that RCC or division. This report is a consolidation of the data extracted from the G005M-411 report and shows the cumulative figures for RCC, Section, Branch, Division, and directorate levels.

A-G005M-413 (Part 3). This product is printed by planner engineering code and production number and is designed to readily show planning personnel, those BOMs that were analyzed and that need to be upgraded and file maintained first. Those BOMs with a low percent of accuracy should be reviewed and upgraded. This report is Summarized up to section level and is used to build the G005M-414 report, which is rolled up and summarized through Division to Directorate level.

A-G005M-414 (part 4). This report is printed by planner engineering code within a division and is designed to provide ready visibility of those RCC's within a product division that may require increased attention to their BOMs. A low percent of accuracy is an indication that planner attention may be required to upgrade the BOMs with that Engineering organization or Division. This report is a consolidation of the data extracted from the G005M-413, report and shows the cumulative figures for Planner, Section, Branch, Division, and Directorate levels.

a. Heading Elements.

1. TITLE. Quarterly BOM exception Report.

2. DATE. The day, month, and year this report was produced.

3. PCN. Product Control Number. The number assigned this product for tracking purposes.

4. PAGE. The consecutive page number within this report.

b. Column Data.

1. TOTAL RECORDS. The total number of component items on the BOM.

2. PLANNER ACCOUNTABLE. The number of total records that the planner is responsible for keeping accurate on the BOM.

3. PLANNER INACCURATE. The number of planner accountable records that were in error and for which the planner was charged with an error during the quarterly analysis of the BOM.

4. % ACCURATE. The planners percent of accuracy for planner accountable records. Formula: Planner accountable minus Planner inaccurate divided by Planner accountable records.

5. PSF ACCOUNTABLE. The number of total records the PSF is responsible for ensuring accurate requisitioning procedures (supply discipline).

6. PSF INACCURATE. The number of PSF accountable records that were in error and for which the PSF was charged an error during quarterly analysis of the BOM.

7. % ACCURATE. The PSF percent of accuracy for PSF accountable records. Formula: PSF accountable minus PSF inaccurate divided by PSF accountable records.

Figure 4.42. A-G005M-411-QA-M83 - Qtrly BOM Exception Rpt by RCC/Production Number

NRPAAA QUARTERLY BOM EXCEPTION REPORT PART 1 BY RCC/PROD NR AS OF 27 AUG 85 A-G005M-411-QA-M83 PAGE

PROD NR	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	PSF ACCOUNTABLE	PSF INACCURATE	% ACCURATE
44444C	400	175	49	75	250	74	70
NRPAAA	400	175	43	75	250	74	70
NRPAA	400	175	43	75	250	74	70
NRPA	400	175	43	75	250	74	70
NRP	400	175	43	75	250	74	70
NR	400	175	43	75	250	74	70
NA	400	175	43	75	250	74	70

Figure 4.43. A-G005M-412-QA-M83 - Qtrly BOM Exception Rpt by RCC/Div

NRPAAA QUARTERLY BOM EXCEPTION REPORT PART 1 BY RCC/PROD NR AS OF 27 AUG 85 A-G005M-411-QA-M83 PAGE

PROD NR	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	PSF ACCOUNTABLE	PSF INACCURATE	% ACCURATE
44444C	400	175	49	75	250	74	70
NRPAAA	400	175	43	75	250	74	70
NRPAA	400	175	43	75	250	74	70
NRPA	400	175	43	75	250	74	70
NRP	400	175	43	75	250	74	70
NR	400	175	43	75	250	74	70
NA	400	175	43	75	250	74	70

Figure 4.44. A-G005M-413-QA-M84 - Qtrly BOM Exception Rpt by Planner/Production Number

MABIBD QUARTERLY BOM EXCEPTION REPORT PART 3 BY PLANNER/PROD NR AS OF 27 AUG 85 A-G005M-413-QA-M84 PAGE

PROD NR	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	PSF ACCOUNTABLE	PSF INACCURATE	% ACCURATE
44444C	400	175	43	75	250	74	70
MABIBD	400	175	43	75	250	74	70
MABIB	400	175	43	75	250	74	70
MAB	400	175	43	75	250	74	70
MA	400	175	43	75	250	74	70

Figure 4.45. A-G005M-414-QA-M84 - Qrtly BOM Exception Rpt by Planner/Division.

QUARTERLY BOM EXCEPTION REPORT
PART 4 BY PLANNER/DIVISION

PLANNER	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	FSF ACCOUNTABLE	FSF INACCURATE	% ACCURATE
MARCIB	400	175	45	75	230	74	70
MAN	400	175	40	75	350	74	70
MA	400	175	40	75	350	74	70

Table 4.38. NOCM Asset Worksheet

TITLE	NOCM ASSET WORKSHEET
PCN	A-G005M-500-BB-MM1
JOB	MMUBB
PREPARATION	BI-WEEKLY/SUNDAY/MONDAY
PRODUCT USE	This product is used at SA-ALC only. If you have questions concerning this report, contact your local G005M System OPR.

Figure 4.46. A-G005M-500-BB-MM1 - NOCM Assets Worksheet

TRANSACTION TYPE	ORIGINATOR	COMPONENT NSN	ASSETS CURRENT	ASSETS REVISED
[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	0	
[illegible]	[illegible]	[illegible]	1	
[illegible]	[illegible]	[illegible]	15	
[illegible]	[illegible]	[illegible]	2	
[illegible]	[illegible]	[illegible]	8	
[illegible]	[illegible]	[illegible]	17	
[illegible]	[illegible]	[illegible]	3	
[illegible]	[illegible]	[illegible]	9	
[illegible]	[illegible]	[illegible]	4	
[illegible]	[illegible]	[illegible]	8	
[illegible]	[illegible]	[illegible]	4	
[illegible]	[illegible]	[illegible]	9	
[illegible]	[illegible]	[illegible]	2	
[illegible]	[illegible]	[illegible]	8	
[illegible]	[illegible]	[illegible]	6	
[illegible]	[illegible]	[illegible]	179	
[illegible]	[illegible]	[illegible]	0	
[illegible]	[illegible]	[illegible]	1	
[illegible]	[illegible]	[illegible]	3	
[illegible]	[illegible]	[illegible]	0	
[illegible]	[illegible]	[illegible]	894	
[illegible]	[illegible]	[illegible]	747	

Chapter 5

AUTOMATED DATA REVIEW (ADR) DATACOM/DB (USAF LOGISTICS COMMAND SYSTEM MENU)

5.1. Query Options. This section identifies query options available to the user, and provides instructions on how to access various options.

5.1.1. Dataquery. Associate DATAQUERY users have the ability to execute existing queries. DATAQUERY also provides a dialog function which is a process involving entry of prompt text, default values, and editing criteria for variable values. During dialog execution, DATAQUERY displays instructions, and allows variable search and edit values to be entered according to criteria specified by the dialog author.

5.1.2. Selecting Dataquery. From the USAF LOGISTICS COMMAND SYSTEM MENU, **Figure 5.1.**, select the DQ option. This will display the DATAQUERY MAIN MENU PANEL, **Figure 5.2.**.

5.1.3. Dataquery Main Menu. At the MAIN MENU, enter "1" for directories. This will display the DATAQUERY DIRECTORY SELECTION, **Figure 5.3.**. Tab to queries and terms and select by placing an X next to this field and enter. This will list the DIRECTORY OF QUERIES AND TERMS PANEL, **Figure 5.4.**.

5.1.4. Directory of Queries and Terms. This panel displays all queries and terms accessible to the user. To view available G005M, tab to the START WITH field on this panel and enter MM, **Figure 5.5.**, **Figure 5.6.** and **Figure 5.7.** To generate a specific query, place the cursor on a selection and enter PF4, **Figure 5.8.**, sample query. The user can change the selection criteria, add additional data fields to print or delete some data elements. In the examples, **Figure 5.8.** and **Figure 5.9.**, the selection criteria was changed to select production numbers 51161A instead of 72097A.

5.1.5. On-Line Execution. After a query has been selected and/or modified, the user saves this query by pressing PF4. To execute the query press PF3. If a printer is available, change the report destination from video terminal to system printer, **Figure 5.10.**. Press PF3 to execute report.

Figure 5.1. USAF Logistics Command System.

```
DATE: 93/07/08          USAF LOGISTICS COMMAND                TIME: 0913
                              SYSTEM MENU

                        SELECTION: _______

                        AE  - G037F SYSTEM MENU
                        DQ  - DATAQUERY
                        DU  - G037E SYSTEM MENU
                        MM  - G005M SYSTEM MENU
                        OFF - LOGOFF SYSTEM

                PF2:logoff      PF7:forward      PF8:backward
```

Figure 5.2. Dataquery Main Menu Panel

```
-----------------------------------------------------------------------DQZ00
DATAQUERY: MAIN MENU
-------------------------------------------------------------------------------

ENTER THE NUMBER OF THE DESIRED FUNCTION ===>  1

1.  DIRECTORIES            - List of Queries, Terms, Files, and Saved Sets
2.  CREATE                 - Query, Dialog or Term creation
3.  GUIDE                  - Structured query creation
4.  ADMINISTRATION         - DATAQUERY system management
5.  HELP                   - Display Help Information
6.  OFF                    - DATAQUERY session termination
```

Figure 5.3. Dataquery Directory Selection

```
=>-----------------------------------------------------------------------DQA00
DATAQUERY:  DIRECTORY SELECTION
-------------------------------------------------------------------------------

X Queries and Terms     - List all queries and terms accessible to user
- Queries Only          - List queries accessible to user
- Terms Only            - List terms accessible to user
- Dialogs               - List dialogs accessible to user
- Public Queries        - List public queries
- Queries and Terms     - List queries/terms created by operator:
                          ---------------------------------
- Files                 - List files accessible to user
                        Start File Directory with Letter: __

- Saved Sets            - List the saved sets

-------------------------------------------------------------------------===>

<PF1> HELP      <PF2> RETURN
```

Figure 5.4. Directory of Queries and Terms

```
=>
Place cursor on desired name and press appropriate PF key
-------------------------------------------------------------------------------DQA30
DATAQUERY:  DIRECTORY OF QUERIES AND TERMS      START WITH:  MM-----
-------------------------------------------------------------------------------
QUERY NAME    | TYPE  | CREATED  |   USED   | DESCRIPTION
-----------------------------------------------------------------------
MM-A01-A02    | QUERY | 10/03/88 | 06/29/90 | INTERROGATE G004C A01 A02
MM-A02-NOV28  | QUERY | 11/28/88 | 04/11/90 | G004C A2 TBL TLEP ILEP
MM-A02-702    | QUERY | 11/29/88 | 01/19/90 | A02 TABLE FOR MKLAA
MM-A05        | QUERY | 11/16/88 | 03/19/90 | PRINT G004C A05 TABLE 1
MM-A05-2      | QUERY | 11/16/88 | 04/11/90 | G004C A05 TABLE PART 2
MM-A05-3      | QUERY | 11/16/88 | 05/03/89 | G004C A05 TABLE PART 3
MM-A05-A02    | QUERY | 11/29/88 | 04/11/90 | PRINT G004C A05 TABLE 1
MM-LST-RCC/PC | QUERY | 05/15/90 | 05/16/90 | TEST PON
MM-MDS-TEST   | QUERY | 05/15/90 |          | TEST PON
MM-PDN-DESC   | QUERY | 05/15/90 | 05/15/90 | TEST PON
MM-PDN-TEST   | QUERY | 05/15/90 | 05/15/90 | TEST PON
MM-RC-ONLY    | QUERY | 05/15/90 | 05/15/90 |
MM-RC-FAC     | QUERY | 04/26/90 | 06/05/90 |
-------------------------------------------------------------------------------===>

<PF1> HELP     <PF2> RETURN          <PF3> EXECUTE    <PF4> EDIT
<PF5> NOT USED <PF6> DELETE          <PF7> BACKWARD   <PF8> FORWARD
<PF9> SUBMIT   <PF10> EXTENDED DEF   <PF11> NOT USED  <PF12> RIGHT
```

Figure 5.5. First Panel for "Start With" MM

```
=>
Place cursor on desired name and press appropriate PF key
-------------------------------------------------------------------------------DQA30
DATAQUERY:  DIRECTORY OF QUERIES AND TERMS      START WITH:  MM---------
-------------------------------------------------------------------------------
QUERY NAME      | TYPE  | CREATED |    USED   | DESCRIPTION
-----------------------------------------------------------------------
AMG0702-TBL-RCC | QUERY | 03/27/90| 04/09/90  | FIND RCC
B20713-ARA-B01  | QUERY | 07/20/90| 07/20/90  | FIND B01
B20713-TBL-B01  | QUERY | 07/20/90|           | FIND B01
B20713-TBL-B04  | QUERY | 04/09/90| 07/20/90  | FIND B04
DQ-INSTALL-TEST | QUERY | 04/22/89| 03/27/90  | QUERY FOR INSTALL TEST STEP
MM-A01-TEST     | QUERY | 06/26/90| 07/19/90  |
MM-BPDN-ADD     | QUERY | 07/11/90|           | ADD G005M BPDN SPDN TABLES
MM-BPDN-CHANGE  | QUERY | 07/11/90|           | CHG G005M BPDN SPDN TABLES
MM-BPDN-DELETE  | QUERY | 07/11/90|           | DEL G005M BPDN SPDN TABLES
MM-BPDN-LIST    | QUERY | 07/11/90|           | LIST BPDN SPDN TABLE
MM-CIMSHT       | DIALOG| 06/28/90| 07/16/90  | SHORTAGE REPORT BY COMPONENT
MM-CLKSHT       | DIALOG| 06/28/90|           | SHORTAGE BY SUPPLY CLERK
MM-COMPSHT      | DIALOG| 06/28/90|           | SHORTAGE REPORT BY COMP NSN
-------------------------------------------------------------------------------===>

<PF1>  HELP     <PF2>  RETURN        <PF3>  EXECUTE    <PF4>  EDIT
<PF5>  NOT USED <PF6>  DELETE        <PF7>  BACKWARD   <PF8>  FORWARD
<PF9>  SUBMIT   <PF10> EXTENDED DEF  <PF11> NOT USED   <PF12> RIGHT
```

Figure 5.6. Second Panel for "Start With" MM

```
=> Place cursor on desired name and press appropriate PF key
-------------------------------------------------------------------------------DQA30
DATAQUERY:  DIRECTORY OF QUERIES AND TERMS        START WITH:-----------
-------------------------------------------------------------------------------
QUERY NAME       |  TYPE  | CREATED |   USED   | DESCRIPTION
-------------------------------------------------------------------------------
MM-A01-TEST      | QUERY  | 06/26/90| 07/19/90|
MM-BPDN-ADD      | QUERY  | 07/11/90|          | ADD G005M BPDN SPDN TABLES
MM-BPDN-CHANGE   | QUERY  | 07/11/90|          | CHG G005M BPDN SPDN TABLES
MM-BPDN-DELETE   | QUERY  | 07/11/90|          | DEL G005M BPDN SPDN TABLES
MM-BPDN-LIST     | QUERY  | 07/11/90|          | LIST BPDN SPDN TABLE
MM-CIMSHT        | DIALOG | 06/28/90| 07/16/90| SHORTAGE REPORT BY COMPONENT
MM-CLKSHT        | DIALOG | 06/28/90|          | SHORTAGE BY SUPPLY CLERK
MM-COMPSHT       | DIALOG | 06/28/90|          | SHORTAGE REPORT BY COMP NSN
MM-D200-LIST     | QUERY  | 07/11/90|          | LIST D200 CODES BY PDN
MM-EIMSHT        | DIALOG | 06/28/90|          | SHORTAGE REPORT END ITEM MGR
MM-EIMSHT        | DIALOG | 06/28/90| 06/28/90| SHORTAGE REPORT BY EIM
MM-MICRPT        | QUERY  | 07/11/90|          | MIC ORT TABLE (MICRPT)
MM-NONSUP-ENGR   | DIALOG | 06/28/90|          | NONSUP QUERY BY RESP-PLNR
-------------------------------------------------------------------------------===>

<PF1>  HELP     <PF2>  RETURN       <PF3>  EXECUTE    <PF4>  EDIT
<PF5>  NOT USED <PF6>  DELETE       <PF7>  BACKWARD   <PF8>  FORWARD
<PF9>  SUBMIT   <PF10> EXTENDED DEF <PF11> NOT USED   <PF12> RIGHT
```

This list will change as queries are added/deleted.

Figure 5.7. Third Panel for "Start With" MM

```
=>
Place cursor on desired name and press appropriate PF key
-------------------------------------------------------------------------------DQA30
DATAQUERY:  DIRECTORY OF QUERIES AND TERMS      START WITH:  -----------
-------------------------------------------------------------------------------
QUERY NAME         | TYPE   | CREATED |   USED   | DESCRIPTION
-------------------------------------------------------------------------------
MM-NONSUP-PDN      | DIALOG| 06/28/90| 07/20/90 | NONSUP QUERY BY PDN
MM-PDNSHT          | DIALOG| 06/28/90| 07/18/90 | SHORTAGE REPORT BY PROD NBR
MM-QTY-PROD        | DIALOG| 06/28/90|          | PRODUCTION FOR END ITEM REQ
MM-RCCSHT          | DIALOG| 06/28/90|          | SHORTAGE REPORT BY RCC
MM-TRANS-INP       | DIALOG| 07/19/90| 07/19/90 | QUERY G005M INPUT TRANSACT
MM-UIO-ADD         | QUERY | 07/11/90|          | ADD G005M UNIT OF ISSUE TBL
MM-UOI-CHANGE      | QUERY | 07/11/90|          | CHG G005M UNIT OF ISSUE TBL
MM-UOI-DELETE      | QUERY | 07/11/90|          | DEL G005M UNIT OF ISSUE TBL
MMG0703-A01-TBL    | QUERY | 07/11/90| 07/15/90 | QRY CATALOG DATA
MMG0703-A02-TBL    | QUERY | 07/11/90|          | QRY I AND S DATA
MMG0703-A07-TBL    | QUERY | 07/11/90|          | BOM OPERATION DATA
MMG0703-A09-TBL    | QUERY | 07/11/90| 07/20/90 | PRINT A09 BY STK NR
MMG0703-A15-TBL    | QUERY | 07/11/90|          | MASS CHG TABLE
-------------------------------------------------------------------------------===>

<PF1>  HELP     <PF2>  RETURN       <PF3>  EXECUTE    <PF4>  EDIT
<PF5>  NOT USED <PF6>  DELETE       <PF7>  BACKWARD   <PF8>  FORWARD
<PF9>  SUBMIT   <PF10> EXTENDED DEF <PF11> NOT USED   <PF12> RIGHT
```

Figure 5.8. Specific Query for PDN 51161A

```
=>
--------------------------------------------------------------------------------DQD10
DATAQUERY:  EDITOR
--------------------------------------------------------------------------------
NAME:         MMG0703-A09-TBL             TYPE: QUERY     STATUS: PUBLIC
DESCRIPTION:  PRINT A09 BY STK NR
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7
..--------------------------------- T O P ----------------------------------------
01      FIND ALL MMG0703-TBL-NSN RECORDS
02      WITH PDN = '51161A'
03 PRINT     FROM MMG0703-TBL-NSN
04      PDN   OP  COMP-STK-NR    UPA STD
05      SP-UPA SP-RPL
..------------------------------- B O T T O M -----------------------------------

--------------------------------------------------------------------------------===>

<PF1>  HELP       <PF2>  RETURN     <PF3>  EXECUTE    <PF4>  SAVE
<PF5>  DIALOG DEF <PF6>  DELETE     <PF7>  BACKWARD   <PF8>  FORWARD
<PF9>  UPDATE     <PF10> VALIDATE   <PF11> RIGHT/LEFT <PF12> CREATE MODE
```

Figure 5.9. Specific Query for PDN 72097A

```
=>
--------------------------------------------------------------------------------DQD10
DATAQUERY:  EDITOR
--------------------------------------------------------------------------------
NAME:         MMG0703-A09-TBL             TYPE: QUERY     STATUS: PUBLIC
DESCRIPTION:  PRINT A09 BY STK NR
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7
..------------------------------------- T O P ---------------------------------
01      FIND ALL MMG0703-TBL-NSN RECORDS
02      WITH PDN = '72097A'
03 PRINT     FROM MMG0703-TBL-NSN
04      PDN   OP  COMP-STK-NR    UPA STD
05      SP-UPA SP-RPL
..---------------------------------- B O T T O M ------------------------------

--------------------------------------------------------------------------------===>
<PF1>  HELP       <PF2>  RETURN     <PF3>  EXECUTE    <PF4>  SAVE
<PF5>  DIALOG DEF <PF6>  DELETE     <PF7>  BACKWARD   <PF8>  FORWARD
<PF9>  UPDATE     <PF10> VALIDATE   <PF11> RIGHT/LEFT <PF12> CREATE MODE
```

Figure 5.10. On-Line Execution

```
=>
-----------------------------------------------------------------DQE10
DATAQUERY:  ONLINE EXECUTION
-----------------------------------------------------------------------
EXECUTE QUERY NAMED => ACTIVE - QUERY

EXECUTE STEP            The first query step to execute
X SELECTION             - Read and collect the data
- COMPUTATION           - Perform the user defined calculations
- SORTING               - Order the collected data
- REPROTING             - Product the report

REPORT FORMAT           The report format
- COLUMNAR              - Show data arranged one record per line
- LIST                  - Show data arranged one record per page

REPORT DESTINATION      The destination for the report
X VIDEO TERMINAL        - Produce report on the terminal
- NETWORK PRINTER ___   - Product report on a network printer
- SYSTEM PRINTER        - Product report on the system printer

-----------------------------------------------------------------------

<PF1> HELP     <PF2> RETURN     <PF3> EXECUTE     <PF4> TOTALING OPTIONS
```

5.2. Dataquery Dialog. This section identifies steps used to execute dialog with dataquery.

5.2.1. Dialog With Dataquery. At the DATAQUERY DIRECTORY SELECTION PANEL, **Figure 5.11.**, select the dialog option, this displays the DIRECTORY OF DIALOGS PANEL, **Figure 5.12.**. To select a dialog, tab to a selection and enter PF3. This produces an ON LINE EXECUTION PANEL, **Figure 5.13.**. Enter PF3 again to generate the dialog requested, **Figure 5.14.**. Enter requested data and press PF3 to execute the selected dialog information, **Figure 5.15.**.

5.2.2. Non-Standard Operations. There are three non-standard operations planned for within the G005M system. Each is discussed below.

5.2.2.1. BPDN Table File Maintenance. The BPDN Table is used at ALCs that have elected to consolidate similar Bills of Material (BPDNs) into one Pseudo Bill of Material (SPDBs), normally in the aircraft division. The G005M OPR may ask for changes to be made to the table. The changes will be accomplished by the G005M Surveillance Programmer using Data Query. the following queries may be edited and modified to accomplish the change:

Action	DATA QUERY NAMEA
Insert	MM-BPDN-ADD
Update	MM-BPDN-CHANGE
Erase	MM-BPDN-DELETE

The results of the updates should be printed and approximate entries made to the Data Base Log. This applies to all tables being updated using DATA QUERY.

5.2.2.2. Unit of Issue Table File Maintenance. The G005M Unit of Issue Table resides on the Material Data Base. The table is used to verify the unit of issue received in normal file maintenance input from the planning technicians. Whenever the unit of issue changes for a stock number, by Stock List Change (MMUMBXXS) or (MMUBAXXSA), this table is accessed to validate the change and to obtain the conversion factor. The conversion factor is used to convert the issue history. Subsequent file maintenance of the table may be accomplished by the G005M Surveillance Programmer, using DATA QUERY. The following queries may be edited and/or modified to accomplish changes requested by the local G005M OPR.

Action	DATA QUERY NAMEA
Inset	MM-UOI-ADD
Update	MM-UOI-Change
Erase	MM-UOI-Delete

5.2.2.3. D200 Job Designator Code Updates. This code resides on the data base and is used to identify Production Numbers to be reported to D200 in the Quarterly. The code will be numeric or blank. The G005M Surveillance Programmer may add code to/from a production number if requested by the local OPR.

Table 5.1. D200 Job Designator Code

D200 Value Analysis	Description	D-200 Interface	Usage
1	No D200 Interface	No	Yes
8	No Usage Analysis	No	No
Other	Any Other Code or Blank	Yes	Yes

The following queries may be edited and modified by the G005M Surveillance Programmer to accomplish the changes to the data base.

Action	DATA QUERY NAME
Print	MM-D200-LIST
Update	MM-D200-UPDATE

5.2.3. Cross Reference List Cyber Rehost to ADR DBMS. The purpose of this list is to provide a reference of the old G005M data base elements and S2000 component numbers (i.e., cl, c401) to the new data element names contained in the G005M/ADR data base (**Attachment 1**). This list may be used by the mission users when writing data queries as well as programmers when converting the S2000 programs to ADR DBMS.

5.2.4. Terms Explained.

5.2.4.1. GROUP ITEM - An item that is also redefined to lower levels. Example 'STKNBR' may be interrogated (15 pos) or it can also interrogate by 'NIIN', Class', or 'MCC'.

5.2.4.2. JOIN ELEMENT OR ITEM - A data element that is normally used to join the table being worked on with another table.

5.2.4.3. cataloguing data for a given stock number. It can be related to the S2000 data base repeating group 'CO'.

Figure 5.11. Dialog - Directory Selection

```
=>
Mark the desired Directory and press ENTER
-------------------------------------------------------------------------------DQA00
DATAQUERY: DIRECTORY SELECTION
-------------------------------------------------------------------------------

-  Queries and Terms    - List all queries and terms accessible to user
-  Queries Only         - List queries accessible to user
-  Terms Only           - List terms accessible to user
X  Dialogs              - List Dialogs accessible to user
-  Public Queries       - List public queries
-  Queries and Terms    - List queries and terms created by operator
                        ----------------------------------
-  Files                - List files accessible to user
                        Start File Directory with Letter: _

-  Saved Sets           - List the saved sets

-------------------------------------------------------------------------------==>

<PF1>  HELP             <PF2>  RETURN
```

Figure 5.12. Directory of Dialogs

```
=>
-------------------------------------------------------------------------------DQA30
DATAQUERY:  DIRECTORY OF DIALOGS              START WITH: --------------------------
-------------------------------------------------------------------------------
QUERY NAME       |  TYPE |  CREATED |   USED   | DESCRIPTION
-------------------------------------------------------------------------------
MM-CIMSHT        | DIALOG| 06/28/90 | 07/16/90 | SHORTAGE REPORT BY COMPON
MM-CLKSHT2       | DIALOG| 06/28/90 |          | SHORTAGE BY SUPPLY CLERK
MM-COMPSHT       | DIALOG| 06/28/90 |          | SHORTAGE RPT BY COMP NSN
MM-EIMSHT        | DIALOG| 06/28/90 |          | SHORTAGE RPT E/I MGR
MM-EISHT         | DIALOG| 06/28/90 | 06/28/90 | SHORTAGE REPORT BY EIM
MM-NONSUP-ENGR   | DIALOG| 06/28/90 | 06/28/90 | NON-SUP QUERY BY RESP-PLNR
MM-NONSUP-PDN    | DIALOG| 06/28/90 | 07/20/90 | NON-SUP QUERY BY PDN
MM-PDNSHT        | DIALOG| 06/28/90 | 07/18/90 | SHORTAGE RPT BY PROD NBR
MM-QTY-PROD      | DIALOG| 06/28/90 |          | PRODUCTION FOR E/I RQMT
MM-RCCSHT        | DIALOG| 06/28/90 |          | SHORTAGE REPORT BY RCC
MM-TRANS-INP     | DIALOG| 07/19/90 | 07/19/90 | QUERY G005M INPUT TRANS
-------------------------------------------------------------------------------===>

<PF1>  HELP       <PF2>  RETURN          <PF3>  EXECUTE       <PF4>  EDIT
<PF5>  NOT USED   <PF6>  DELETE          <PF7>  BACKWARD      <PF8>  FORWARD
<PF9>  SUBMIT     <PF10> EXTENDED DEF    <PF11> NOT USED      <PF12> RIGHT
```

Figure 5.13. Dialog Execution.

```
=>
Enter the desired options and press PF3 to execute
-------------------------------------------------------------------------DQE10
DATAQUERY:  ONLINE EXECUTION
-------------------------------------------------------------------------------
EXECUTE QUERY NAMED => ACTIVE-QUERY

EXECUTE STEP            The first query step to execute
  X  SELECTION          -  Read and collect data
  -  COMPUTATION        -  Perform user defined calculations
  -  SORTING            -  Order collected data
  -  REPROTING          -  Produce report

REPORT FORMAT           The report format
  -  COLUMNAR           -  Show data arranged one record per line
  -  LIST               -  Show data arranged one record per page

REPORT DESTINATION      The destination for the report
  X  VIDEO TERMINAL     -  Produce report on the terminal
  -  NETWORK PRINTER___ -  Produce report on a network printer
  -  SYSTEM PRINTER     -  Produce report on the system printer

-------------------------------------------------------------------------------==>

<PF1>  HELP   <PF2>  RETURN   <PF3>  EXECUTE   <PF4>  TOTALING OPTIONS
```

Figure 5.14. Dialog PDN Selection

```
=>
-------------------------------------------------------------------------------DQEX0

THIS DIALOG PRODUCES THE NON-SUPPORTABLE COMPONENT QUERY

ENTER PDN:
'26473A'

- LAST PAGE ---------------------------------------------------------------------==>
<PF1>  HELP       <PF2>  RETURN     <PF3>  CONTINUE   <PF4>  NOT USED
<PF5>  RANGE/LIST <PF6>  NOT USED   <PF7>  BACKWARD   <PF8>  FORWARD
```

Figure 5.15. Dialog PDN Report

```
=>

07/23/90        (NONSUP) NON-SUPPORTABLE COMPONENT ITEMS        PAGE  1A
09|25|02                              DETAIL

STKNBR            COMP-STK-NR   R-ENGR    PDN   OCC     UPA     STD     CC   RCC
-------------------------------------------------------------------------------
1630012377732   5955011517379   MAKEIC  26473A  100     005     030     A    MKPICG
                5961011878068   MAKEIC  26473A  100     016     008     A    MKPICG
                5962011173730   MAKEIC  26473A  100     005     080     A    MKPICG
                5962011619648   MAKEIC  26473A  100     005     080     A    MKPICG

                                        4

-------------------------------------LAST PAGE-------------------------------------===>

<PF1>  HELP       <PF2>  RETURN     <PF3>  TOTALS ONLY  <PF4>  DETAIL
<PF5>  NO TOTALS  <PF6>  STATS      <PF7>  BACKWARD     <PF8>  FORWARD
<PF9>  GRAPH      <PF10> NOT USED   <PF11> LEFT         <PF12> RIGHT
```

Table 5.2. Cross Reference Cyber Rehost to ADR

OLD	OLD	NEW	DATA VIEW/COMMENTS
S2K	S2K	ADR	
NR	TITLE	NAME	
C0	CATALOG DATA	MMG0703-TBL-CAT	MMG0703-DVW-U-A01
C1	MC-ITEM-NR	STKNBR	NSN, END ITEM
		FSC	FED SUPPLY CLASS
		NIIN	NATL ITEM ID NR
		MMC	MATL MGT CODE
C3	MC-PRIME-ALC	ALC	F G H L P
C4	MC-DMM-DIV	DIV	
C5	MC-UI	UI	EA PR ST HD
C6	MC-ERRC	ERRC	
C7	MC-PCMT-SORC-CD	PSC	PROCUREMENT SOURCE
C8	MC-UNIT-PRICE	UNIT-CST	
C9	MC-ACQ-ADV-CD	AAC	ACQUISITION ADVICE CODE
C10	MC-SORC-OF-SUPPLY-CD		SOS
C14	MC-AVRG-REPAIR-COST	AV-REP-CST	

OLD	OLD	NEW	DATA VIEW/COMMENTS
C15	MC-RG-FLAG	FLAG	
C16	MC-SUPPLY-MGR-CD	DS-MGR	
C17	MC-MANAGER-DESIG	IM	ITEM MANAGER (DMM)
C18	MC-BDGT	BDGT	BUDGET CODE
C19	MC-CSI	SI	SENSITIVE ITEM
C20	MC-IANDS-CODE	SI	
C21	MC-NOUN	NOUN	
C22	MC-PM	PM	PRODUCTION MANAGER
C23	MC-SP-ERRC	SP-ERRC	SALES PRICE ERRC
C24	MC-SP-UNIT-PRICE	SP-PRICE	SALES PRICE UNIT PRICE
C25	MC-METAL	METAL	
C26	MC-PVC	PVC	PRICE VALIDATION CODE
C27	MC-ESC	ESC	EQUIPMENT SPECIALIST
C100/200	MMG0703-TBL-IAS MMG0703-DVW-U-A02	I&S DATA	
C101	MC-MSTR-NSN	IS-MSTR	
			FSC NIIN MMC
C201	MC-MEM-NSN	IS-MEMB	
			MEM-FSC MEM-NIIN MEM-MMC
C202	MC-MEM-CODE	IS-CD	
C203	MC-MEM-LINKAGE	LINK	
C400	MMG0703-TBL-PDN	PRODUCTION NR	
			DATA MMG0703-DVW-U-A04
C401	MC-JOB-NR	PDN-NR	JOB NR, CONTROL NR

OLD	OLD	NEW	DATA VIEW/COMMENTS
		PRF	PREFIX
		NUM	POSITIONS 2-5
		JD	JOB DESIGNATOR
C402	MC-ACCT-CST-CTR	ACC	
		DIV	2 POS
		DRV	3 POS
		PS	1 POS
C403	MC-DATE-LAST-USE -ANAL	DT-LUA	
C405	MC-BOM-EST-DATE	BOM-EST	
C406	MC-CUR-PER-PROD	PRDC	
C407	MC-PVI-PER-PROD	PRD1	
C408	MC-PV2-PER-PROD	PRD2	
C409	MC-PV3-PER-PROD	PRD3	
C410	MC-PV4-PER-PROD	PRD4	
C411	MC-PV5-PER-PROD	PRD5	
C412	MC-PV6-PER-PROD	PRD6	
C413	MC-PV7-PER-PROD	PRD7	
C416	MC-PROD-ANALY-QTY	PAQ	
C417	MC-RGC	RGC	REPAIR GROUP CATEGORY
C420	MC-CT-OUT-BOUNDS	OB	
C421	MC-D049-JOB-DES	D049	
C422	MC-PREC4	PREC4	PRECEDENCE 4
C423	MC-PREC5	PREC5	PRECEDENCE 5
		STKNBR	JOIN TO CAT TABLE BY END ITEM
C700	OPERATION NR DATA	MMG0703-TBL-OPN	KMMG0703-DVW-U-A07
C701	MC-MAJ-JOB-OPER	OPER	OPERATION NUMBER
C702	MC-RESP-ENGR-ORG	RESP-PLNR	
			PDIV
			PBR
			PSD
C704	MC-MAJ-OPR-OCC-FAC	OCC	OCCURENCE FACTOR

OLD	OLD	NEW	DATA VIEW/COMMENTS
C705	MC-SP=PRICE	SP-PROCE	OPERATION SALES PRICE
C706	MC-SP-EST	SP-EST	ESTIMATED COST
		EI-PDN-OPER	JOIN TO OTHER TABLES EI PDN
		PDN-OPER	JOIN TO OTHER TABLES
C900	COMPONENT ITEM DATA	MMG0703-TBL-NSN	
C901	MC-COMP-ITM-NR	COMP-STK-NR	
			C-FSC
			C-NIIN
			C-MMC
C903	MC-UPA	UPA	UNITS PER ASSEMBLY
C904	MC-STD-REPL-PCT	STD	STANDARD REPLACEMENT %
C907	MC-MAINT-CST-CD	CC	COST CODE
C908	MC-CUR-PER-ISSUES	ISSC	
C909	MC-PV1-PER-ISSUES	ISS1	
C910	MC-PV2-PER-ISSUES	ISS2	
C911	MC-PV3-PER-ISSUES	ISS3	
C912	MC-PV4-PER-ISSUES	ISS4	
C913	MC-PV5-PER-ISSUES	ISS5	
C914	MC-PV6-PER-ISSUES	ISS6	
C915	MC-PV7-PER-ISSUES	ISS7	
C916	MC-DATE-LAST-ACT	DT-LA	
C917	MC-DATE-EST	DT-EST	
C918	MC-ANLY-RECOM	UAC	
C919	MC-ACT-RPL=PCT	ACT	NOT USED
C920	MC-REASON-CD	RC	
C921	MC-RESP=CST-CTR	RCC	

OLD	OLD	NEW	DATA VIEW/COMMENTS
		RCC-DIV	
		RCC-SECT	
		RCC-SC	
C922	MC-COMP-MIC	MIC	
C923	MC-JOB-OPER-COMP	JOB-OPER-COMP	
C926	MC-UTIL-CD	UTIL	UTILITY CODE
C927	MC-NON-SUPPORT-DC	AB	ANALYSIS BLOCKAGE
C930	MC-MCC	MCC	MATERIAL CLASS-IFICATION CODE
C931	MC-SP-UPA	SP-UPA	SALES PRICE UPA
C932	MC-SP-RPL	SP-RPL	SALES PRICE REPLACEMENT
C933	MC-SP-CC	SP-CC	SALES PRICE COST CODE
C934	MC-RPT-DIST	SK-OPR	SA-ALC
C935	MC-QTRS	QTRS	NR OF ISSUE QUARTERS
C936	MC-MS	MS	
C937	MC-NON-SUJPPORT -PERIOD	NSFY	NON SUPPORT FISCAL YR
	EI-PDN-OP	JOIN ELEMENTS	
	EI	END ITEM	
	PDN	PRODUCTIN NUMBER	
	OP	OPERATION	
	PDN-OP	JOIN ELEMENTS	
C1500	MASS CHANGE TABLE (AREA A40)	MMG0703-TBL-MSG	MMG0703-DVW-U-A15
C1501	MC-FORMAT-CODE	FC	
C1502	MC-MC-PDN	MC-PDN	PRODUCTION NR
C1503	MC-MC-OPER	MC-OPER	OPERATION NR
C1504	MC-MC-AOC	MC-ACC	RCC
C1505	MC-MC-ACTN	MC-ACTN	ACTION CODE
C1506	MC-MC-PLN-TECH	MC-PLAN	
C1507	MC-MC-OPER-NEW	MC-OPER-NEW	NEW OPERATION

OLD	OLD	NEW	DATA VIEW/COMMENTS
C1508	MC-MC-PLN-TECH-NEW	MC-PLAN-NEW	NEW PLANNER
C1509	MC-MC-AOC-NEW	MC-ACC-NEW	NEW RCC
C1510	MC-MC-DT-EST	MC-DATE	
C1800	D033 ORG TABLE	MMG0703-TBL-MIC	MMG0703-DVW-U-MIC
C1801	MC-MIC-AOC	RCC	
C1802	MC-MIC-DEST	MIC	
C1900	UNIT OF ISSUE	MMG0703-TBL-UOI TABLE	MMG0703-DVW-UOI
C1901	MC-UI-NEW	UI-NEW	
C1902	MC-UI-OLD	UI-OLD	
C1903	MC-UI-CONV-FAC	UI-CONV	CONVERSION FACTOR
C2000	STOCKLIST CHG HISTORY	MMG0703-TBL-SLC	MMG0703-DVW-U-A20
C2001	MC-OLD-STK-NR	OLD-STK-NBR	
C2002	MC-OLD-UI	OLD-UI	OLD UNIT OF ISSUE
C2003	MC-UI-CONV-FAC	OLD-FAC	CONVERSION FACTOR
C2004	MC-SLC-DATE NEW-STK-NBR	SLC-DATE CHANGED TO NSN	
C2300	PART NUMBER DATA	MMG0703-TBL-PRT NSN-MFG NSN	MMG0703PDVW-U-A23 GROUP ELEMENT JOIN ELEMENT
C2301	MC-MFG-PART-NR	PART-NBR	
C2302	MC-FED-SUPPLY -MFG-CD	FSMC	
C2400	ISSUE CONSOLIDATION	MMG0703-TBL-ISS	MMG0703-DVW-I-ISS
C2401	MC-TP-PDN	T-PDN	PRODUCTION NUMBER
C2402	MC-T-DIV	T-DIV	DIVISION
C2403	MC-T-OPER	T-OPER	OPERATION NUMBER
C2404	MC-T-TECH	T-TECH	PLANNER
C2405	MC-T-RCC	T-RCC	
C2500	BPDN SPDN TABLE	MMG0703-TBL-BPD	MMG0703-DVW-U-BPD
C2501	MC-BPDN	BPDN NR	BENEFITTING PROD
C2502	MC-SPDN	SPDM	SUPPORT PROD NR

OLD	OLD	NEW	DATA VIEW/COMMENTS
C2503	MC-SPRT-OCC	SOCC	OCCURENCE FACTOR
C2504	MC-SPRT-QPA	QPA	QTY PER ASSY
	********** OTHER G005M DATA BASES / TABLES **********		
C0	G004L VALIDATAION	MMG0703-TBL-VAL	MMG0703-DVW-U-A40
C1	MV-EI-IDEN	MV-EI-IDEN	END ITEM IDENTITY
C2	MV-EI-DESCRIP	MV-EI-DESCRIP	
C101	MV-JOB-NO	MV-JOB-NO	PRODUCTION NUMBER
C102	MV-RESP-ENGRG-ORG	MV-RESP-ENGRG-ORG	PLANNER
C103	MV-REP-GRP-CAT	MV-REP-GRP-CAT CATEGORY	REPAIR GROUP
C301	MV-ACTBL-RCC	MC-ACTBL-RCC	
C302	MV-SCH-DESIG	MV-SCH-DESIG	
C0	SHORTAGE DATABASE	MMG0703-TBL-SHR	MMG0703-DVW-U-A50
C10	NWN	NWN	GROUP ELEMENT
C1	CLASS	CLASS	
C2	NIIN	NIIN	
C3	MMC	MMC	
C4	CLK	CLK	DS CLERK
C5	CIM	CIM	COMPONENT ITEM MANAGER
C6	SHORT	SHORT	QTY SHORT - NIIN
C7	RCVD	RCVD	QUANTITY RECEIVED
C8	DATL	DATLA	DATE LAST ACTION
C9	IAS	IAS	I & S CODE
C101	PDN	PDN	PRODUCTION NUMBER
C102	END-ITEM	END-ITEM	
C103	EIM	EIM	END ITEM MANAGER
C104	SIMS	SIMS	SUPPLY ITEM MGR SPEC
C105	PM	PM	PRODUCTION MANAGER
C106	ALC	ALC	
C107	PSHRT	PSHRT	QTY SHORT - PDN NR

OLD	OLD	NEW	DATA VIEW/COMMENTS
C201	OPER	OPER	OPERATION NUMBER
C202	RCC	RCC	
C203	OSHRT	OSHRT	QTY - SHORT -OPERATION

FREQUENTLY USED JOIN ELEMENTS

TABLE	ELEMENT	JOIN TO	TABLE ELEMENT
A01	STKNBR	A05	NSN-206
A01	STKNBR	A20	NEW-STK-NR
A01	STKNBR	A23	NSN
A04	STKNBR	A01	STKNBR
A04	PDN-NR	A40	MV-JOB-NR
A04	PDN-NR	BPD	BPDN
A04	PDN-NR	BPD	SPDN
A04	PDN-NR	A40	MV-EI-IDEN
A04	PDN-NR	MSG	MC-PDN
A04	STKNBR	A40	MV-EI-IDEN
A07	PDN	A04	PDN-NR
A07	RESP-PLNR	A40	MV-RESP-ENGRG -ORG
A09	PDN-OP	A07	PDN-OPER
A09	COMP-STK-NR	A01	STKNBR (CATALOG DATA)
A09	EI	A01	STKNBR (END ITEM)
A09	COMP-STK-NR	A23	NSN
A09	COMP-STK-NR	A20	NEW-STK-NR
A09	COMP-STK-NR	A02	IS-MEMB
A09	COMP-STK-NR	A05	NSN-206
A09	RCC	MCC	RCC

* U.S. G.P.O.: 1991-282-891:75819

Chapter 6

ON-LINE QUERY OUTPUT PRODUCTS

6.1. This section contains sample output products from the G005M on-line queries. These queries are used by the planner to verify production number data and by the PSF to verify component data.

6.2. Bill of Material Codes for File Maintenance Transactions

6.2.1. The G005M uses three codes for BOM file maintenance transactions. These codes are: (a) transaction; (b) BOM action; and (c) reasons for change codes. Brief definitions for each of these codes are provided below:

6.2.1.1. Transaction Code is a three position alphanumeric code used to the tell the computer the functional area to which an input is being made and the identity of the transaction.

6.2.1.2. BOM Action Code is a one position alpha code that identifies and recommends the type of BOM file maintenance action to be performed.

6.2.1.3. Reason for Change Code is a one position alpha code used to indicate the reason for making a change in the BOM. (See **Attachment 2** Reason for Change Codes.)

Figure 6.1. Q01 Estimated Cost

```
MATERIAL ESTIMATED COST REPORT          AS OF 19 FEB 92       A-C005M-301-99-MST          PAGE  1
      RESP ENG ORG MABEKL

RCC                PROD NR          OPER NR          EXP COST          INV COST          TOTAL COST
                                                      MCC A             NCC E

MBRKAL             69756A           00010            75.00             .00               75.00

                                                      TOTAL COST FOR  MABEKL             75.00
```

Figure 6.2. Q02 Part Number BOM

```
MANETK                ALC  BILL OF MATERIAL MASTER              19-FEB-92        A-G005M-072-DE-NXN       PAGE      1

 PDN        END ITEM                S  --PRIME---SPL   PM                    RESP         DATE
NUMBER      IDENTITY         ACC    D  ALC  DIV  CLK  MGR              RGC  ENG          ESTB

17714A     1620010364299    MNTC9   K   G    I    CB   AL               J   MANETK       90194

COMPONENT                    S  ACQ  RESP    OCC            RPL      E P C N  UNIT  REPLACEMENT  ITEM SOURCE/        U I
   NSN         OPER   RCC   .D  AC   ENGIN   FAC  UPA  CSI   %   UI  R S C C  PRICE   PRICE      MFG CODE      FSCM  C S

1620010388960  00010  MNTCH  K  D    MANETK  100  001   7  100  EA  N 3 A D   5.06   .00                              L
5330010147779  00010  MNTCM  K  M    MANETK  100  000   U  000  EA  N 3 A D  10.80   .00                              L
5330010178558  00010  MNTCM  K  M    MANETK  100  000   U  000  EA  N 3 A D  13.03   .00                              L
5330010191608  00010  MMTCM  K  D    MANETK  100  000   U  000  EA  N 3 A D  13.75   .00                              L
5330010198916  00010  MNTCM  K  Z    MANETK  100  000   U  000  EA  N F A D  19.26   .00                              L
5330010237640  00010  MMTCM  K  D    MANETK  100  000   U  000  EA  N F A D   8.39   .00                              L

  **MAIL TO MANETK
```

Figure 6.3. Option 1: BOM with usage data by PDN

```
MMIRQ3A                    BOM WITH USAGE DATA BY PDN

PROD NR = 17714A   ENGR =  MANETK
OPER  OCC  RGC  PRD-C   PRD-1   PRD-2   PRD-3   PRD-4   PRD-5   PRD-6   PRD-7
00010 100   J       0       0       0       0       0       0       1       0

COMP-STOCK-NR   UPA   STD    ACTUN   ISS-C   ISS-1   ISS-2   ISS-3   ISS-4   ISS-5   ISS-6   ISS-7
-------------------------------------------------------------------------------------------------
1620010388960    1    100     100      0       0       0       0       0       0       1       0
5330010147779    0      0     100      0       0       0       0       0       0       1       0
5330010178858    0      0     100      0       0       0       0       0       0       1       0
5330010191608    0      0     200      0       0       0       0       0       0       2       0
5330010198916    0      0     100      0       0       0       0       0       0       1       0
5330010237640    0      0     200      0       0       0       0       0       0       2       0
```

Figure 6.4. Option 2: BOM with catalog data by PDN

```
MMIRQ3BBOM WITH CATALOG DATA BY PDN

PDN    El-IDENTITY      ENGR     OPER  OCC  RGC  DATE EST  DATE LA
17714A 1620010364299    MANETK  00010  100   J      90194    91190

COMP STOCK NR   RCC    SD  UP STD  C  M  U  MI  UI  E  P  A  C  SOS  I   COST/AVG  DT-ES  DT-LA
____________    ______ ____ ____ _  _  _  __  __  _  _  _  _  ___  ________ ____  ______ ______

1620010388960   MNTCN   K   1 100  A  D     QQ  EA  N  3  D  7  FG2  L       5.06  90207  90310
TOTAL BILL OF MATERIAL COST =       5.06  (FUNDED)          .00  (UNFUNDED)
```

Figure 6.5. Option 3: BOM with MFG part NR by PDN.

```
BOM 41TH MFC PART NR BY  PDN

PDN    El-IDENTITY    ENGR     OPER  OCC  RGC  DATE EST  DATE LA
17714A 1620010364299  MANETK  00010  100   I      90194    91190

COMP STOCK NR    UP  STD  MI C M UI E P  I  UNIT PRICE IS LK  MFG-PART-NR
____________   ____ ____ __ _ _ __ _ _  _  __________ __ __  ___________________
1620010388960     1  100  QQ A D EA N 3  7        5.06  L     NO  MFG-PART-NR OM  PS
5330010147779     0    0  QQ A D EA N 3  U       10.80  L     NO  MFG-PART-NR OM  PS
5330010178858     0    0  QQ A D EA N 3  V       13.03  L     NO  MFG-PART-NR ON  PS
5330010191608     0    0  QQ A D EA N 3  U       13.75  L     NO  MFG-PART-NR OM  PS
5330010198916     0    0  QQ A D EA N F  U       19.26  L     NO  MFG-PART-NR ON  PS
5330010237640     0    0  QQ A D EA M F  U        8.39  L     NO  MFG-PART-NR ON  PS
```

Figure 6.6. Option 4: BOM with usage data by PDN

```
MMIRQ3A                    BOM UITN USAGE DATA BY PDN

PROD NR = 17714A   ENGR =  MANETK
OPER  OCC RGC PRD-C   PRD-1   PRD-2   PRD-3   PRP-4   PRD-5   PRD-6   PRD-7
00010 100  I      0       0       0       0       0       0       1       0

COMP-STOCK-NR   VPA STD  ACTVN ISS-C ISS-1 ISS-2 ISS-3 ISS-4 ISS-5 ISS-6 ISS-7
____________________________________________________________________________

1620010388960    1  100  100      0     0     0     0     0     0     1     0
5330010147779    0    0  100      0     0     0     0     0     0     1     0
5330010178858    0    0  100      0     0     0     0     0     0     1     0
5330010191608    0    0  200      0     0     0     0     0     0     2     0
5330010198916    0    0  100      0     0     0     0     0     0     1     0
```

Figure 6.7. Option 5: BOM with catalog data by PDN

```
MMIRQ3BBOM 41TH CATALOG DATA BY PDN

PDN    El-IDENTITY     ENGR     OPER  OCC  RGC  DATE EST  DATE LA
17714A 1620010364299   MANETK  00010  100   I      90194     91190

COMP STOCK NR   RCC   SD UP STD C M V NI UI E P A C SoS I  COST/AVG DT-ES DT-LA
____________   _____ _________ _ _ _ __ __ _ _ _ _ ___ ___ _________ ________

1620010388960  MNTCH  K   1 100 A D   QQ EA N 3 D 7 PGZ L      5.06 90207 90310
TOTAL BILL OF MATERIAL COST =       5.06  (FUNDED)          .00  (UNFUNDED)
```

Figure 6.8. Option 6: BOM with MFG part NR by PDN

BOM 41TH MFG PART NR BY PDN

PDN	El-IDENTITY	ENGR	OPER	OCC	RGC	DATE EST	DATE LA
17714A	1620010364299	MANETK	00010	100	I	90194	91190

COMP STOCK NR	UP	STD	MI	C	M	UI	E	P	I	UNIT PRICE	IS	LK	MFG-PART-NR
1620010388960	1	100	QQ	A	D	EA	N	3	7	5.06	L		NO MFG-PART-NR ON DB
5330010147779	0	0	QQ	A	D	EA	N	3	V	10.80	L		NO MFG-PART-NR ON DB
5330010178858	0	0	QQ	A	D	EA	N	3	V	13.03	L		NO MFG-PART-NR ON DB
5330010191608	0	0	QQ	A	D	EA	N	3	V	13.75	L		NO MFG-PART-NR ON DB
5330010198916	0	0	QQ	A	D	EA	N	F	V	19.26	L		NO MFG-PART-NR ON DB
5330010237640	0	0	QQ	A	D	EA	N		U	8.39	L		NO MFG-PART-NR ON DB

Figure 6.9. Option 1: Display all Production Numbers

DISPLAY ALL PRODUCTION NUMBERS

PRP-NR	RESP-ENGR	DATE-ESTAB	DATE-USC-ANAL	RCC	TOTAL
00510A	MAKEET	67209	91190	I	31
16316A	MAKEET	81334	92007	I	145
19869A	MAKEET	83034	91280	I	1
19923A	MAKEET	91196	0	I	0
19934A	MAKEET	82303	91097	I	47
20432A	MAKEET	87202	92007	I	6
21069A	MAKEET	91175	0	I	12
24333A	MAKEET	91336	0	I	2
26221A	MAKEET	90115	91280	I	275
28066A	MAKEET	90087	92007	I	4
57781A	MAKEET	74313	91280	I	56
61472A	MAKEET	76073	91190	I	94
62209A	MAKEET	81196	91280	I	8
62438A	MAKEET	89298	91280	I	4
62454A	MAKEET	89137	91097	I	16
63513A	MAKEET	80228	91190	I	11
65514A	MAKEET	88264	91190	I	32
66393A	MAKEET	91277	0	I	8
69328A	MAKEET	82309	91190	I	16
69641A	MAKEET	83181	91190	I	11
69728A	MAKEET	83215	91190	I	22
71621A	MAKEET	75074	91097	I	30

Figure 6.10. Option 2: Display Production and Operation NR

DISPLAY PRODUCTION AND OPERATION NUMBERS

PRD-NR	OPER-NR	RESP-EMGR	OCC-FAC
00510A	00010	MAKEET	100
16316A	00010	MAKEET	100
19869A	00010	MAKEET	100
19923A	00010	MAKEET	100
19934A	00010	MAKEET	100
20432A	00010	MAKEET	100
21069A	00010	MAKEET	100
24333A	00010	MAKEET	100
26221A	00010	MAKEET	100
28066A	00010	MAKEET	100
57781A	00010	MAKEET	100
61472A	00010	MAKEET	100
62209A	00010	MAKEET	100
62438A	00010	MAKEET	100
62454A	00010	MAKEET	100
63513A	00010	MAKEET	100
65514A	00010	MAKEET	100
66393A	00010	MAKEET	100
69328A	00010	MAKEET	100
69641A	00010	MAKEET	100
69728A	00010	MAKEET	100
71621A	00010	MAKEET	100

Figure 6.11. Option 3: Display High Cost Components

DISPLAY HIGH COST COMPONENTS

PRD-NR	OPER	COMP-STOCK-NR	UI	RCC	C	NS	UP	STD	ACT	UNIT-PRICE	T-ISS
0D510A	00010	1450010349671	EA	MKDEAC	A		1	4	6	498.18	2
0D510A	00010	1450010350584	EA	MKDEAC	A	2	1	4	6	393.09	2
0D510A	00010	432001133803B	EA	MKDEAC	A		1	0	0	847.25	0
0D510A	00010	482000833902	EA	MKDEAC	A		1	25	26	100.03	8
16316A	00010	1450011192203AM	EA	MKDEAC	A		1	2	2	6053.77	3
16316A	00010	1450001049710AM	EA	MKDEAC	A		1	3	2	123.61	3
16316A	00010	1450004748317AM	EA	MKDEAC	A		2	2	2	341.75	7
16316A	00010	1450009790825AM	EA	MKDEAC	A		1	22	20	105.10	28
16316A	00010	1450010930594AM	EA	MKDEAC	E	2	1	50	4	9295.75	4
16316A	00010	1450010972362AM	EA	MKDEAC	A		1	0	0	169.44	0
16316A	00010	1450010928599AM	EA	MKDEAC	E	2	1	11	8	1312.22	12
16316A	00010	1450010972209AM	EA	MKDEAC	A		1	14	4	560.44	6
16316A	00010	1450011049417AH	EA	MKDEAC	A		1	0	0	396.02	0
16316A	00010	1450011049418AM	EA	MKDEAC	A		1	0	0	343.10	0
16316A	00010	1450011049420AM	EA	MKDEAC	A		1	0	0	291.05	0
16316A	00010	1450011049421AM	EA	MKDEAC	A		1	0	0	206.10	0
16316A	00010	1450011072922AM	EA	MKDEAC	A		1	0	0	503.06	0
16316A	00010	1450009819729AM	EA	MKDEAC	A		1	13	14	266.84	20
16316A	00010	1450012043597AM	EA	MKDEAC	A		1	6	4	115.39	5
16316A	00010	3020005627B50AM	EA	MKDEAC	A		1	0	0	163.71	0
16316A	00010	3010011087182AM	EA	MKDEAC	A		1	0	0	752.97	0
16316A	00010	3020011228580AM	EA	MKDEAC	A		3	50	0	844.38	1
16316A	00010	3040008195980AH	EA	MKDEAC	A		1	0	0	902.51	0
16316A	00010	3040011080263AM	EA	MKDEAC	A	2	2	100	0	165.91	0
16316A	00010	3020011046546AM	EA	MKDEAC	A		1	0	0	455.15	0
16316A	00010	3020011046547AM	EA	MKDEAC	A		1	0	0	442.54	0
16316A	00010	3020011082344AM	EA	MKDEAC	A		1	0	0	346.01	0
16316A	00010	3040010977335AH	EA	MKDEAC	A		1	4	4	118.99	5
16316A	00010	3040011087181AM	EA	MKDEAC	A		1	0	0	382.79	0
16316A	00010	3130005627620AH	EA	MKDEAC	A		1	1	2	285.09	1
16316A	00010	4810011088030AM	EA	MKDEAC	A		1	0	0	357.38	0
16316A	00010	3130005627B53AM	EA	MKDEAC	A		1	2	2	213.26	2
16316A	00010	4935010939832AM	EA	MKDEAC	A		1	2	2	134.25	2
16316A	00010	3020010972208AM	EA	MKDEAC	A		1	12	12	114.03	16
16316A	00010	3120007097677AM	EA	MKDEAC	A		1	14	12	106.26	16
16316A	00010	3120007386758AM	EA	MKDEAC	A		1	16	12	238.35	18
16316A	00010	4010012857435AM	EA	MKDEAC	A		1	47	46	146.06	67
16316A	00010	5310012051023AM	EA	MKDEAC	A		1	0	0	260.44	0

Figure 6.12. Option 4: Display Indirect Material Components

DISPLAY INDIRECT MATERIAL COMPONENTS

PDN-NR	OPER	COMP-STOCK-NR	UI	RCC	CNS	UP	STD	ACT	UNIT-PRICE	T-ISS
16316A	00010	3020009027295	FT	MKPEAC	L	1	0	20	3.70	0
16316A	00010	3110001839175	MD	MKPEAC	L	1	0	20	2.76	0
16316A	00010	5305000526917	MD	MKPEAC	L	4	0	20	4.95	0
16316A	00010	5305000546649	MD	MKPEAC	L	2	0	20	1.38	0
16316A	00010	5305002692804	MD	MKPEAC	L	2	0	20	6.33	0
16316A	00010	5305005432023	MD	MKPEAC	L	4	0	20	5.07	0
16316A	00010	5305008893000	MD	MKPEAC	L	4	0	20	.68	0
16316A	00010	5305009584359	MD	MKPEAC	L	16	0	20	2.53	0
16316A	00010	5305009836660	MD	MKPEAC	L	2	0	20	7.33	0
16316A	00010	5305009837428	MD	MKPEAC	L	16	0	20	17.67	0
16316A	00010	5305009897435	MD	MKPEAC	L	0	0	20	1.64	0
16316A	00010	5305010140221	EA	MKPEAC	L	4	0	20	.03	0
16316A	00010	5310000617326	MD	MKPEAC	L	4	0	20	5.09	0
16316A	00010	5310001856463	PC	MKPEAC	L	1	0	20	16.38	0
16316A	00010	5310001860965	PC	MKPEAC	L	1	0	20	2.42	0
16316A	00010	5310005967691	MD	MKPEAC	L	4	0	20	.35	0
16316A	00010	5315000589756	MD	MKPEAC	L	0	0	20	2.20	0
16316A	00010	5315002398019	MD	MKPEAC	L	0	0	20	1.04	0
16316A	00010	5315008263251	MD	MKPEAC	L	0	0	20	2.82	0
16316A	00010	5365007214828	MD	MKPEAC	L	0	0	20	3.49	0
16316A	00010	6850008807616	TV	MKPEAC	L	1	0	20	3.22	0
16316A	00010	8030001806150	BX	MKPEAC	L	0	0	20	6.61	0
16316A	00010	8030001806222	ST	MKPEAC	L	0	0	20	1.71	0
16316A	00010	8030008237917	ST	MKPEAC	L	0	0	20	1.71	0
16316A	00010	8135011291142	SM	MKPEAC	L	1	0	20	.00	0
16316A	00010	5310000806004	MD	MKPEAC	L	0	0	20	.87	0
16316A	00010	5305009836651	MD	MKPEAC	L	0	0	20	4.75	0
28066A	00010	3110001839175	MD	MKPEAC	L	1	0	20	2.76	0
28066A	00010	5305000546649	MD	MKPEAC	L	2	0	20	1.38	0
28066A	00010	5305009836651	MD	MKPEAC	L	6	0	20	4.75	0

Figure 6.13. Option 5: Display Usage/Out of Bounds/Components

DISPLAY USAGE 1OUT OF BOUNDS I COMPONENTS

PDN-NR	OPER	COMP-STOCK-NR	UI	RCC	CNS	UP	STD	ACT	UNIT-PRICE	T-ISS
00613A	00010	4520P320852F	EA	MKPEBC	A2	1	80	112	17.34	9
16132A	00010	1430009216975AM	EA	MKPEBC	A	2	100	0	2.18	0
16132A	00010	5330008392084	EA	MKPEBC	A	1	100	0	5.63	0
16132A	00010	5330008392085	EA	MKPEBC	A	2	100	0	43.25	0
20402A	00010	5365005105311	EA	MKPEBC	A	4	100	0	9.52	0
20402A	00010	3110000345257	EA	MKPEBC	A	12	100	0	7.94	0
20402A	00010	3110000278758	EA	MKPEBC	A	8	100	0	6.84	0
20402A	00010	1430005934158AM	EA	MKPEBC	A	1	100	0	117.46	0
20402A	00010	1430005934239AM	EA	MKPEBC	A	1	100	0	49.22	0
20402A	00010	1430005934258AM	EA	MKPEBC	A	1	100	0	38.66	0
26237A	00010	1430009216975AM	EA	MKPEBC	A	2	100	0	2.18	0
26237A	00010	5330001057191AM	EA	MKPEBC	A	1	100	0	56.42	0
26237A	00010	5330008392084	EA	MKPEBC	A	2	100	0	5.63	0
26237A	00010	5330008392085	EA	MKPEBC	A	1	100	0	43.25	0
26237A	00010	5330008455016	EA	MKPEBC	A	1	100	0	2.00	0
28183A	00010	2510011163783	EA	MKPEAC	A	4	100	108	140.94	13
28183A	00010	2530011064257	EA	MKPEAC	A	1	20	400	234.14	8
28183A	00010	2610002607345	EA	MKPEAC	A	5	80	200	8.45	10
28183A	00010	4720010972330	EA	MKPEAC	A	2	89	118	29.93	7
28183A	00010	4730012475480	EA	MKPEAC	A	3	100	112	16.00	10
28183A	00010	5330011101819		MKPEAC		4	100	0	.00	0
28183A	00010	5340ND032845CPK	EA	MKPEAC	A	0	0	200	11.93	2
32276A	00010	5910005834517	EA	MKPEBC	A	1	100	0	1.75	0
32276A	00010	2920004292577	EA	MKPEBC	A	1	100	126	4.58	5
50394A	00010	1430005934158AM	EA	MKPEBC	A2	1	100	0	117.46	1
50394A	00010	1430005934239AM	EA	MKPEBC	A2	1	100	0	49.22	1
50394A	00010	1430005934258AM	EA	MKPEBC	A2	1	100	0	38.66	1
50394A	00010	3110000345257	EA	MKPEBC	A2	12	100	0	7.94	0
50394A	00010	3110000278758	EA	MKPEBC	2	8	100	0	6.84	0
50485A	00010	5365005105311	EA	MKPEBC	A1	4	100	0	9.52	0

Figure 6.14. Option 6: Display Components with High UPA

DISPLAY COMPONENTS 41TH HIGH UPA

PDN-NR	OPER	COMP-STOCK-NR	UI	RCC	CNS	UP	STD	ACT	UNIT-PRICE	T-ISS
20402A	00010	3110000345257	EA	MKPEBC	A	12	100	0	7.94	0
450021	00010	4540008930701	EA	MKPEAC	A	12	0	0	249.01	0
50394A	00010	3110000345257	EA	MKPEBC	A2	12	100	0	7.94	0
50485A	00010	3110000345257	EA	MKPEBC	A2	12	100	100	7.94	12
72437A	00010	3110000345257	EA	MKPEBC	A2	12	100	68	7.94	8

Figure 6.15. Option 7: Display Non-Supportable Components

DISPLAY NON-SUPPORTABLE COMPONENTS

PDN-NR	OPER	COMP-STOCK-NR	UI	RCC	CRS	UP	STD	ACT	UNIT-PRICE	T-ISS
15388A	00010	3120006629239	EA	MNTCMK	A2	1	20	16	13.80	30
17552A	00010	3040000056639	EA	MNTCMK	A2	1	3	2	125.70	3
17552A	00010	5330000553437	EA	MNTCMK	A2	1	73	34	36.14	172
17575A	MC363	4810002399242LK	EA	MNTCMK	A1	1	28	10	714.75	3
17605A	00010	5365001581358	EA	MNTCMK	A2	1	25	0	.98	2
17605A	00010	5330010418234	EA	MNTCMK	A2	2	50	200	1.11	24
17605A	00010	5330010422816	EA	MNTCMK	A2	1	100	200	1.76	12
17605A	00010	1620010405020	EA	MNTCMK	A2	1	5	0	125.76	0
17605A	00010	1620010405021	EA	MNTCMK	A2	1	5	0	55.76	0
17605A	00010	1620010405019	EA	MNTCMK	A2	1	50	0	89.59	1
17605A	00010	1620010406326	EA	MNTCMK	A2	1	25	0	183.40	0
17605A	00010	1620010406327	EA	MNTCMK	A2	1	25	0	194.17	0
17605A	00010	1620010406328	EA	MNTCMK	A2	1	5	0	116.80	0
17605A	00010	1620010406329	EA	MNTCMK	A2	1	5	0	258.36	0
17605A	00010	1620010406330	EA	MNTCMK	A2	1	5	0	36.54	0
17605A	00010	1620010408455	EA	MNTCMK	A2	1	5	0	22.41	0
17605A	00010	3110001980466	EA	MNTCMK	A2	1	25	0	.22	0
17605A	00010	3120010434384	EA	MNTCMK	A2	1	25	0	116.82	0
17605A	00010	4730001694233	EA	MNTCMK	A2	1	50	0	4.13	0
17605A	00010	4820010457684	EA	MNTCMK	A1	1	100	0	136.71	6
17605A	00010	1650010689264LK	EA	MNTCMK	A2	1	25	34	35.86	2
17605A	00010	4930004215839	EA	MNTCMK	A2	1	90	100	4.15	6
17605A	00010	3120004709149LK	EA	MNTCMK	A2	2	30	108	32.46	13
17605A	00010	5330010429064LM	EA	MNTCMK	A2	1	100	234	1.17	14
17605A	00010	1650010681329LK	EA	MNTCMK	A2	1	100	34	.67	2
17631A	00010	1620010322950	EA	MNTCMK	A2	1	5	0	119.73	0
17631A	00010	1620010364319	EA	MNTCMK	A2	1	15	12	910.29	11
17631A	00010	1620011603002	EA	MNTCMK	A2	1	34	26	88.32	20
17631A	00010	5310010122182	EA	MNTCMK	A2	1	5	0	43.90	0
17631A	00010	5320010126839	EA	MNTCMK	A2	1	5	0	3.66	0
17631A	00010	5365010134602	EA	MNTCMK	A2	1	5	4	88.08	2
17631A	00010	3305000699481LK	EA	MNTCMK	A2	1	5	0	.45	0
19542A	HK010	5340002003747		MNTCMK	2	2	20	0	.00	0
19838A	00010	1680007419184LK	EA	MNTCMK	A1	1	5	0	166.43	0
19838A	00010	1620000769535	EA	MNTCMK	A2	1	5	0	.00	0
19838A	00010	1620000680255	EA	MNTCMK	A2	1	40	30	1.74	40

Figure 6.16. Option 1: Non Supportable Components

NON-SUPPORTABLE COMPONENTS

PROD NR = 17552A BRNCH = MANRTK

OPER	OCC	BGC	PRD-C	PRD-1	PRD-2	PRD-3	PRD-4	PRD-5	PRD-6	PRD-7
00010	100	I	6	9	55	13	6	37	21	35

COMP-STOCK-NR	UPA	STD	ACT	U	N	ISS-C	ISS-1	ISS-2	ISS-3	ISS-4	ISS-5	ISS-6	ISS-7
3040000056633	1	3	2	2	0	0	1	0	0	2	0	0
5330000553437	1	73	95	2	27	5	55	11	7	36	22	9

Figure 6.17. Option 2: Indirect Material Components

INDIRECT MATERIAL COMPONENTS

PROD NR = 16316A BRNCH = MARKRT

OPER	OCC	BGC	PRD-C	PRD-1	PRD-2	PRD-3	PRD-4	PRD-5	PRD-6	PRD-7
00010	100	I	3	16	20	20	24	20	20	22

COMP-STOCK-NR	UPA	STD	ACT	U	N	ISS-C	ISS-1	ISS-2	ISS-3	ISS-4	ISS-5	ISS-6	ISS-7
3020009027295	1	0	0			0	0	0	0	0	0	0	0
3110001839175	1	0	0			0	0	0	0	0	0	0	0
5305000526917	4	0	0			0	0	0	0	0	0	0	0
5305000546643	2	0	0			0	0	0	0	0	0	0	0

Figure 6.18. Option 3: Usage Recommended Changes

USAGE RECOMMENDED CHANGES

PROD NR = 16316A ENGR = MAKEET

OPER	OCC	RGC	PRD-C	PRD-1	PRP-2	PRD-3	PRD-4	PRD-5	PRP-6	PRD-7
00010	100	I	3	16	20	20	24	20	20	22

COMP-STOCK-NR	UPA	STD	ACT	U	N	ISS-C	ISS5-1	ISS-2	ISS-3	ISS-4	ISS-5	ISS-6	ISS-7
1450011192203AM	1	2	3	C		0	0	0	0	0	0	3	0
1450001049710AM	1	3	3	C		0	0	0	1	2	0	0	0
1450002264471AM	1	30	29	C		0	6	7	7	6	1	10	5
1450009790825AM	1	22	20	C		0	0	3	5	2	2	4	12
1450007615290AM	2	23	20	C		2	5	4	7	5	7	12	15
1450008648259AM	1	63	60	C		2	10	10	14	14	8	10	18
1450009806251AM	1	11	13	C		1	0	4	4	2	3	3	1
1450009819729AM	1	13	14	C		1	0	4	4	2	3	5	1
1450010362903AM	1	22	20	C		0	1	4	4	4	2	8	6
1450012043597AM	1	6	4	C		0	1	0	0	0	1	0	3
3020010972207AM	1	15	13	C		1	3	3	3	1	2	1	4
3040011049488AM	3	9	9	C		0	3	0	15	0	6	7	0
3110001069480	1	3	3	C		0	0	1	0	1	1	0	0
3110001448869	2	12	12	C		0	2	0	10	0	8	8	0
3120009787741AM	2	4	3	C		0	0	0	0	0	0	3	4
3130005627620AM	1	1	1	C		0	0	0	0	0	0	1	0
3110001023002	1	8	9	C		2	2	2	1	0	0	3	2
3020010972208AM	1	12	12	C		0	1	1	3	3	3	3	2
3110005165171	1	10	10	C		0	1	0	4	0	3	4	0
3110005854140	1	16	16	C		0	1	0	7	0	7	4	0
3120007097677AM	1	14	12	C		1	0	0	2	3	2	5	3
3110P8873L00	1	15	15	C		0	1	3	6	0	5	0	0
3110001981638	1	11	11	C		0	3	1	2	4	1	3	1
3120007386758AM	1	16	13	C		0	1	1	3	3	2	5	3
4010012857435AM	1	47	47	C		1	11	11	11	5	7	16	5
5307011035651AM	4	1	1	C		0	0	0	0	0	0	4	0
5310010454114AM	1	7	5	C		0	0	0	0	0	2	3	1
5305011190827AM	1	23	20	C		0	10	0	2	2	3	5	6
5315003174938AM	1	2	2	C		0	0	0	1	0	0	0	0
5315012051117AM	1	4	0	C		0	0	0	0	0	0	0	0
5330005610387	1	2	3	C		0	0	0	0	0	1	1	1
5330005996743	2	9	6	C		0	0	0	0	0	0	10	5
5330010147691AM	2	6	6	C		0	1	0	5	0	3	4	0
5330011264934	1	33	27	C		0	0	0	0	2	9	15	13
5340P886759F	1	2	2	C		0	0	0	0	0	1	1	0
5340009806247AM	1	12	12	C		2	0	1	1	1	1	5	5
5320000171546	1	6	5	C		0	1	0	2	3	0	1	0
5330011083079AM	1	4	4	C		0	0	1	1	1	1	0	0
5330011098087	2	10	8	C		0	1	1	4	2	4	6	5
5330011182287AM	1	13	13	C		0	1	0	5	0	5	4	0
5340002679550AM	1	7	5	C		0	1	0	2	0	0	1	2
5340004278691AM	1	13	9	C		0	0	0	1	3	0	6	2
5340011097885	1	11	10	C		0	0	1	5	3	4	0	1

Figure 6.19. Option 4: Component Data by Class

```
PROD NR = 16316A   ENGR =  MAKEET
OPER  OCC RGC PRD-C   PRD-1   PRD-2   PRD-3   PRP-4   PRD-5   PRD-6   PRD-7
00010 100  I      3      16      20      20      24      20      20      22

COMP-STOCK-NR   UPA STD  ACT U N ISS-C ISS-1 ISS-2 ISS-3 ISS-4 ISS-5 ISS-6 ISS-7
----------------------------- - ----------------------------------------------
3020005627850AM  1   0    0         0     0     0     0     0     0     0     0
3020009027295    1   0    0         0     0     0     0     0     0     0     0
3020002671886    1   0    0         0     0     0     0     0     0     0     0
3020004750050AM  1   3    3         0     0     0     0     0     0     1     2
3020004749242AM  2   2    2         0     1     0     0     0     0     1     2
3020010456394    2   0    0         0     0     0     0     0     0     0     0
3020011228580AM  3  50    1         0     0     0     0     0     1     0     0
3020010972207AM  1  15   13  C      1     3     3     3     1     2     1     4
3020011046546AM  1   0    0         0     0     0     0     0     0     0     0
3020011046547AM  1   0    0         0     0     0     0     0     0     0     0
3020011082344AM  1   0    0         0     0     0     0     0     0     0     0
3020010972208AM  1  12   12  C      0     1     1     3     3     3     3     2
3020010939395AM  0   0    6         0     1     0     0     0     0     0     0
```

Figure 6.20. Option 5: Out of Bounds Components

```
                    OUT OF BOUNDS  -  COMPONENT

PROD NR = 16316A   ENGR =  MAKEET
OPER  OCC RGC PRD-C   PRD-1   PRD-2   PRD-3   PRD-4   PRD-5   PRP-6   PRD-7
00010 100  J      3      16      20      20      24      20      20      22

COMP-STOCK-NR   UPA STD ACT U N ISS-C ISS-1 ISS-2 ISS-3 ISS-4 ISS-5 ISS-6 ISS-7
----------------------------- - ----------------------------------------------
3040011080263AM  2 100   0   2     0     0     0     0     0     0     0     0
5305010977198AH  0   0 400        12     0     0     0     0     0     0     0

                         COMPONENT DATA BY CLASS
```

Figure 6.21. Option 6: Usage Non-Standard Component

USAGE NO STANDARD COMPONENT

PROD NR = 16316A ENGR = MAKEET

OPER	OCC	RGC	PRD-C	PRD-1	PRD-2	PRD-3	PRP-4	PRD-5	PRD-6	PRD-7
00010	100	J	3	16	20	20	24	20	20	22

COMP-STOCK-NR	UPA	STD	ACT	U	N	ISS-C	ISS-1	ISS-2	ISS-3	ISS-4	ISS-5	ISS-6	ISS-7
5306010544565	2	0	3			0	1	0	0	0	0	0	0
5315006821733	1	0	2			0	0	0	2	0	0	0	0
5330010150428AM	0	0	11			0	1	0	5	0	5	0	0
5355010869919	0	0	5			0	1	0	2	0	2	0	0
5360011088031AH	1	0	3			0	0	1	0	0	0	0	0
5977011190831AH	2	0	3			0	0	2	0	0	0	0	0
5935009039770	0	0	5			0	1	0	3	0	1	0	0
5305003071592	0	0	45			0	20	0	6	0	0	0	0
3110011267491	0	0	3			0	0	1	0	0	0	0	0
5310007275223	0	0	65			0	0	25	0	0	0	0	0
5330005507098	0	0	8			0	0	3	0	0	0	0	0
3110001570535	0	0	6			0	0	2	0	0	0	0	0
5935010853305	0	0	3			0	0	1	0	0	0	0	0
1450012043596AH	0	0	6			0	1	0	0	0	0	0	0
3020010939395AH	0	0	6			0	1	0	0	0	0	0	0
4030002378741	0	0	6			0	1	0	0	0	0	0	0
5315001816476	0	0	11			0	2	0	0	0	0	0	0

Figure 6.22. Option 7: Planned Standard Component

PLANNED STANDARD COMPONENT

PROD NR = 16316A ENGR = MAKEET

OPER	OCC	RGC	PRD-C	PRD-1	PRD-2	PRD-3	PRD-4	PRD-5	PRP-6	PRD-7
00010	100	J	3	16	20	20	24	20	20	22

COMP-STOCK-NR	UPA	STD	ACT	U	N	ISS-C	ISS-1	ISS-2	ISS-3	ISS-4	ISS-5	ISS-6	ISS-7
5935008255565	1	1	0		2	0	0	0	0	0	0	0	0
3110001089178	1	2	2			0	0	1	0	0	1	0	0
5930010495779	1	1	1			0	0	0	0	0	0	0	1
1450011192203AH	1	2	3	C		0	0	0	0	0	0	3	0
1450001049710AH	1	3	3	C		0	0	0	1	2	0	0	0
1450PGH-28	2	10	10			2	1	5	2	2	3	8	4

Figure 6.23. Option 1: Component Stock Number Users

COMPONENT STOCK NUMBER USERS

COMP-STOCK-NR	UI	ERC	PSC	I&S	AAC	BGT	CSI	MGR	UNIT-PRICE	AVG-REP-COST
1620010388960	EA	N	3	L	D	1	7	CG	5.06	.00

PDN	OPER	OCC	RCC	C	UP	ST	ACT	Q	PRDCQ	PRDCY	PRDTOT	ISSCQ	ISSCY	ISSTOT
17714A	00010	100	MNTCHK	A	1100	100	0		0	0	1	0	0	1

Figure 6.24. Option 2: Cross Ref Stock NR to MFG Part NR

CROSS REFERENCE STOCK NUMBER TO MGF PART-NR

STOCK NUMBER	UI	ERC	PSC	UNIT COST	AV-REP-COST	I&S	CSI	MFG-PART-NR	FSMC
1450010349671	EA	N		498.18	.00	L	U	501-4115-5	26289

Figure 6.25. Option 3: Cross Ref MFG Part NR to Stock NR

STOCK NUMBER	UI	ERC	PSC	UNIT COST	AV-REP-COST	I&S	CSI	MFG-PART-NR	FSMC
1450010349671	EA	N	F	498.18	.00	L	U	501-4115-5	26289

Figure 6.26. Option 4: Specific Component on BOM

```
                    SPECIFIC COMPONENT ON BILL OF MATERIAL

PDN  =   17714A
OPER   =  00010
COMP   =  1620010388960
OCC  =   100
PLNR   = MANETK

   PRD-CQ  PRD-Q1  PRD-Q2  PRD-Q3  PRD-Q4  PRD-Q5  PRD-Q6  PRD-Q7      PRD-TOT
        0       0       0       0       0       0       1       0            1

UPA STD   ACT CST  DTEST DT-LA A MS  MIC UTL MCC       RCC
```

Figure 6.27. Option 5: Cataloging and I&S Data on Stock NR

```
                    CATALOGING AND I&S DATA ON STOCK NUMBER
STOCK NUMBER   UI ERC PSC UNIT-COST AV-REP-COST BGT CSI I&S STOCK NR   CD LINK
---------------- --- ------------ ---------- --- --- --------------------
1620010388960  EA N   3        5.06         .00 1   7   B              NO I&S
```

Figure 6.28. Option 1: Material Requisition Interrogation

MATERIAL REQUISITION INTERROGATION

PART-NUMBER	MIC	COMP-STK-NR	UI	RCC	PRD-NR	C	E	P	OPER	FSMC	I&S	AB
A PIN SPRINW	LL	5315008263251	HD	MKPEAC	16316A	L	N	F	00010	96906	L	
A SCREu	LL	5305009837428	HD	MKPEAC	16316A	L	N	F	00010	96906	A	
AA1371	LL	6150000884803AH	EA	MKPEAC	16316A	A	N	3	00010	09526	L	
AP34652	LL	1450010930594AH	EA	MKPEAC	16316A	E	T	2	00010	73030	L	2
AD34658-1	LL	5945010925447AH	EA	MKPEAC	16316A	A	N	3	00010	81205	L	
AD34658-2	LL	5945010932112AH	EA	MKPEAC	16316A	A	N	3	00010	73030	L	
AD34668-1	LL	1450010928599AH	EA	MKPEAC	16316A	E	T	2	00010	73030	L	2
AD34673-1	LL	5945011088827AH	EA	MKPEAC	16316A	E	T	2	00010	73030	L	
AD34681-1	LL	3020010939395AH	EA	MKPEAC	16316A	A	N	3	00010	73030	L	
AD34683-1	LL	4935010939832AH	EA	MKPEAC	16316A	A	N	3	00010	73030	L	
AP346BB-1	LL	3040010977336AH	EA	MKPEAC	16316A	A	N	3	00010	9999	A	
AD34692-1	LL	1450011192203AH	EA	MKPEAC	16316A	A	N	3	00010	73030	L	
AP34727-1	LL	1450012043596AH	EA	MKPEAC	16316A	A	N	3	00010	73030	L	
AP34736-1	LL	5999010930954AH	EA	MKPEAC	16316A	E	T	2	00010	73030	L	2
AD34751-1	LL	5999011480801AH	EA	MKPEAC	16316A	A	N	3	00010	73030	L	
AD34763-1	LL	5999011117905	EA	MKPEAC	16316A	A	N	F	00010	73030	L	

Figure 6.29. Option 2: Material Requisition Interrogation

MATERIAL REQUISITION INTERROCATIOM

PART-NUMBER	MIC	COMP-STK-NR	UI	RCC	PRD-NR	C	E	P	OPER	FSMC	I&S	AB
--AN960-10L	QQ	5310007918496	HD	MNTCHK	61181A	L	N		00010	88044	L	
--AN960-10L	QQ	5310007918496	HD	MNTCHK	17631A	L	N		00010	88044	L	
A VASHER-FLAT	QQ	5310007918496	HD	MNTCHK	61181A	L	N		00010	88044	L	
A NASHER-FLAT	QQ	5310007918496	HD	MNTCHK	17631A	L	N		00010	88044	L	
A-217TH1257	QQ	5330003264718	EA	MNTCHK	66204A	A	N	F	00010	95272	L	
A-217TH1257	QQ	5330003264718	EA	MNTCHK	71453A	A	N	F	00010	95272	L	
AA PACKING	QQ	5330002920577	EA	MNTCHK	17631A	A	N	F	00010	96906	L	
AA RESISTOR	QQ	5905001048358	EA	MNTCHK	61506A	A	N	F	00010	81349	8	
AA VASHER-FLAT	QQ	5310005956211	HD	MNTCHK	38656A	L	N	F	00010	96906	5	
AB1303-215	QQ	4730000504203	EA	MNTCHK	72858A	A	N	F	00010	19704	A	
AB1303-215	QQ	4730000504203	EA	MNTCHK	35571A	A	N		00010	19704		
AB1303-215	QQ	4730000504203	EA	MNTCHK	38656A	A	N		00010	19704	A	
AC40H4609E4	QQ	4330004215839	EA	MNTCHK	17605A	A	N	3	00010	01414	L	2
AE206-4	QQ	4720008037157	FT	MNTCHK	61506A	L	N		00010	00624	L	
AG5SSX	QQ	3120007064561	EA	MNTCHK	19838A	A	N		00010	83086	L	
AG5SSX	QQ	3120007064561	EA	MNTCHK	19841A	A	N		00010	83086	L	

Figure 6.30. Q08 SLC History

SLC END ITEM AND COMPONENT DATA BY PDN

NEW STK-NBR	OLD STK-NBR	O-UI	N-UI	CONV	DATE	REMARK
5330010147779						REQUESTED SN NOT CHANGE

Figure 6.31. Option 1: Stock Number Interchange Inquiry

STOCK NUMBER INTERCHANGE INQUIRY

STOCK NUMBER	I&S	UI	ERRC	PSC	UNIT PRICE	I&S STATUS GROUP
5330010147779	L	EA	N	3	10.80	NO A02 RECORDS FOUND

Figure 6.32. Option 2: Family Group for Master Stock Number

FAMILY GROUP FOR MASTER STOCK NUMBER

MASTER-STOCK-NR	LINK-CODE	I&S CODE	MEMBER-STOCK-NR
1620010364299	AAA	D	1620010098082

Figure 6.33. Option 3: Family Group for Master Stock Number

FAMILY GROUP FOR MASTER STOCK NUMBER

MASTER-STOCK-NR	LINK-CODE	I&S CODE	MEMBER-STOCK-NR	
1620010364299	AAA	D	1620010098082	**REQUESTED SN**

Figure 6.34. Option 4: I&S Group with MFG Part Number

I&S GROUP 41TH MFG PART NUMBERS

MASTER-STOCK-NR	LINK-CODE	I&S CODE	MEMBER-STOCK-NR	MFG-PART-NR
1620010364299	AAA	D	1620010098082	NOT ON DATA BASE

Figure 6.35. Option 5: BOMs Containing I&S Member Stock Nrs

BOMS CONTAINING I&S MEMBER STOCK NUMBERS

COMP STOCK-NR	LNK	I	UI	E	P	PRICE	PDN	OPER	ENGR	OCC	UPA	STD	TOTAL
1005008508654	AAA	D	EA	T	2	406.67	74828A	00100	MANETW	100	1	10	0

Figure 6.36. Option 6: BOMs Containing Any Member of I&S Master

BOMS CONTAINING ANY MEMBER OF I&S MASTER GROUP

COMP STOCK-NR	LNK	I	UI	E	P	PRICE	PDN	OPER	ENGR	OCC	UPA	STD	TOTAL
1005003418559	AAA	D	EA	T	2	390.00	68618A	00100	MANETU	100	1	0	0
1005007676995	AAC	P	EA	T	2	233.00	74858A	00100	MANETU	100	1	63	33

Figure 6.37. Q10 Interactive BOM Query

BOM FROM THE G005M DATA BASE

END ITEM ID	UNIT COST	AVERAGE COST	SOS	PSC	MGR	ERC	IAS	ALC	DIV
1620010364299	12801.51	2794.35	FGZ	2	LJD	T	B	G	I

PROD NR	ACCT CC	RGC	CUR QTR	1ST QTR	2ND QTR	3RD QTR	4TH QTR	5TH QTR	6TH QTR	7TH QTR	TOTAL PRD
17714A	MNTC9K	J	0	0	0	0	0	0	1	0	1

RESP-ENGR = MANETK

OPER NR	COMPONENT NSN	UPA	REP PNT	C	RCC	CUR QTR	1ST QTR	2ND QTR	3RD QTR	4TH QTR	5TH QTR	6TH QTR	7TH QTR	DATE ESTAB	DATE LAST	N S
00010	1620010388960	1	100	A	MNTCHK	0	0	0	0	0	0	1	0	90207	90310	
00010	5330010147779	0	0	A	MNTCHK	0	0	0	0	0	0	1	0	90212	90310	
00010	5330010178858	0	0	A	MNTCHx	0	0	0	0	0	0	1	0	90212	90310	
00010	5330010198916	0	0	A	MNTCHx	0	0	0	0	0	0	1	0	90212	90310	
00010	5330010191608	0	0	A	MNTCHK	0	0	0	0	0	0	2	0	90212	91190	
00010	5330010237640	0	0	A	MNTCHK	0	0	0	0	0	0	2	0	90212	91190	

Figure 6.38. Q11 Non-Standard Components Query

```
PROD-NR = 17714A

PROD-NR   PRD-C    PRD-1    PRD-2    PRD-3    PRD-4    PRD-5    PRD-6    PRD-7   TOT-PRD
-----------------------------------------------------------------------------------------
17714A       0        0        0        0        0        0        1        0        1

COMPONENT ITEM   OPER   UPA  N   ISSC   ISS1   ISS2   ISS3   ISS4   ISS5   ISS6   ISS7   TOT-ISS   C
-----------------------------------------------------------------------------------------------------
5330010147779    D0010   0        0      0      0      0      0      0      1      0        1   A
5330010178858    D0010   0        0      0      0      0      0      0      1      0        1   A
```

Figure 6.39. Q12 Intermediate Requirement Comp (DRIVE)

```
PROD-NR = 17714A

PROD-NR   PRD-C    PRD-1    PRD-2    PRD-3    PRD-4    PRD-5    PRD-6    PRD-7   TOT-PRD
-----------------------------------------------------------------------------------------
17714A       0        0        0        0        0        0        1        0        1

COMPONENT ITEM   OPER   UPA  N   ISSC   ISS1   ISS2   ISS3   ISS4   ISS5   ISS6   ISS7   TOT-ISS   C
-----------------------------------------------------------------------------------------------------
5330010147779    D0010   0        0      0      0      0      0      0      1      0        1   A
5330010178858    D0010   0        0      0      0      0      0      0      1      0        1   A
```

Figure 6.40. Q13 Stock # to Part # Ref

```
DATE   02/20/92     ________________________________________ TIME  :  06:40:45

MMIOPN2           CATALOGING DATA WITH PART NUMBER LIST                MENU CD ____

     STOCK NR        DESCRIPTION - NOUN     UNIT PRICE     AV REP CST    SP U/PRICE
  1450010349671      BLOCK, SMALL PUMP         498.18            .00        141.78

          ALC  DIV  UI  ERC  PSC  ADV  SOS  SM  MGR  BGT  CSI   I-S  PM  SP ERC
                    EA   N    F    Z   S9C  77        9    U     L         N

                            PART NUMBER          FSMC
                          501-4115-5             26289
                          ______________         _____
                          ______________         _____
                          ______________         _____
                          ______________         _____
                          ______________         _____
                          ______________         _____
_____________________________________________________________________________
                          PF2 = menu, PF3 = back, PF7 = up, PF8 = down
_____________________________________________________________________________
```

Figure 6.41. Q14 Planner

```
DATE  :  02/20/92                                                    TIME  :  06/43/14
MMIOPL2                          PLANNER DETAIL DATA                      MENU CD ____

            PLANNER    PROD NR    ACC/SD     OPER       RCC/SD
            MANETK     15988A     MNTC9K     00010      MNTCHK
            MANETK     16214A     MNTC9K     00010      MNTCHK
            MANETK     16423A     MNTC9K     00010      MNTCHK
            MANETK     16754A     MNTC9K     00010      MNTCHK
            MANETK     17552A     MNTC9K     00010      MNTCHK
            MANETK     17575A     MNPG9L     HC363      MNTCHK
            MANETK     17576A     MNPG9L     HC363      MNTCHK
            MANETK-    17577A     MNPG9L     HC363      MNTCHK
            MANETK     17578A     MNPG9L     CT010      MNTCHK
            MANETK     17605A     MNTC9K     00010      MNTCHK
            MANETK     17617A     MNTC9K     00010      MNTCHK

                PF2 = menu, PF3 = back, PF7 = up, PF8 = down
```

Figure 6.42. Daily Error Notification Report

```
 MABEAC    DAILY  G005M ERROR NOTIFICATION REPORT          02-20-92      A-G005M-001-DE-MFR        PC     1

         1         2         3         4         5         6         7         8  PROCESSING          ********R E M A R K S*********
12345678901234567890123456789012345678901234567890123456789012345678901234567890  DATE  TIME

M07DMABEAC              10130C700011650007810717                                  92050   16.31.05  CONTROL DATA UNMAT TO MATL  PS
M07DMABEAC              10130C700011660005893620                                  92050   16.31.05  CONTROL DATA UNMAT TO  MATL DB
M07DMABEAC              10130C700015340006562510LG                                92050   16.31.05  CONTROL DATA UNMAT TO  MATL PS
M07DMABEAC              10130C700016229992995854                                  92050   16.31.05  CONTROL DATA UNMAT TO  MATL PS
M07DMABEAC              10130C700019905006524087GL                                92050   16.31.05  CONTROL DATA UNMAT TO  MATL DB
M07DMABEAC              10130C700019905006853976CL                                92050   16.31.05  CONTROL DATA UNMAT TO  MATL PS
M07CMABEAC              10130C700012915007312469R40001020                         92050   16.32.06  CONTROL DATA UNMAT TO  MATL PS
```

Figure 6.43. Daily Transaction Register

```
 MABEAC    DAILY  G005M TRANSACTION  REGISTER              02-20-92      A-G005M-061-DE-MFR        Pg     1

         1         2         3         4         5         6         7         8   PROCESSING       *******R E M A R K *******
12345678901234567890123456789012345678901234567890123456789012345678901234567890   DATE  TIME

M07DMABEAC              10130C700011620P881924F                                   92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011620003654001                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011620007845553                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011620010341197                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011620010982747                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011620010982748                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011630000354820                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011630003045427                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011650000781071                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011650005362561                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011650006612840                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011660005900633LG                                92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011660005909770LG                                92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011680P375190-1                                  92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011680006044716LG                                92050   16.31.05  MATERIAL STANDARD DELETED
M07DMABEAC              10130C700011680006297894LG                                92050   16.31.05  MATERIAL STANDARD DELETED
```

Figure 6.44. Q16 Stock List

```
02/20/92                    ***STOCK NUMBER QUERY***                    11:29:25

   STKNBR       UI ERRC PSC AAC SOS   UNIT CST AV REP CST         NOUN
168OOD6044716LG EA  T    2   V  FLZ     193.OO      43.81  ACTUATOR,MECHANICAL

    FLAG   PS MGR  SP ERRC    SP PRICE      LANDS     ALC    PLY      BDGT
    P       AE                     .OO        D                       S

                      ----------------------------------
                      MANUFACTURE PART NR OR ITEM SOURCE
                      ----------------------------------

                        PART NBR              FSMC
                        1642E59               82402

                      ----------------------------------
                              COMPONENT STD DATA
                      ----------------------------------

                          **NO DATABASE RECORDS FOUND**

                      ----------------------------------
                            STOCK LIST CHANGE DATA
                      ----------------------------------

                      OLD STOCK NUMBER    SLC DATE  OLD UI
                         **NO DATABASE RECORDS FOUND**

                      ----------------------------------
                                I  AND  S    DATA
                      ----------------------------------

                  IS MSTR             IS MEMB         LINK   IS CD
              168001181987 4LG     168000135539 7LG     AAC      D
              168001181987 4LG     168000402620 2LG     AAD      D
              168001181987 4LG     168OOD6044716LG      AAA      D
              168001181987 4L6     168000777013 6LG     AAB      D
              168001181987 4LG     168001217583 7LG     AAE      D
                         ***END OF REPORT***
```

GLENN H. SMALLWOOD, Colonel, USAF
Director of Corporate Information

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

Terms

Accountable Cost Center—The cost center assigned responsibility

Center—(ACC) for costing and production on an end item workload. Example: MKPR9.

Accountable/Error—A four position field that denotes who is (ACC/ERR) responsible/accountable for the accuracy of the component line item on the BOM (i.e., E = planner accountable and S = scheduler/PSF accountable). An X to the right of the accountable column indicates that there is an error charged to that individual, on the percent of

Acquisition Advise Code—Code denoting how and under what restrictions an EI will be acquired.

Action Code (ACT)—A one position alpha code that identifies/recommends the type of BOM maintenance action to be performed. Codes are:

—A = Add

—C = Change

—D = Delete

—R = Required Data

ALC Indicator Code—A two position code that identifies (E/I ALC) the ALC. OC = Oklahoma City; SA = San Antonio; WR = Warner Robins; OO = Ogden; SM = Sacramento.

Allocation Per cent (Alloc %)—The computed factor used as the number of times an MDS of times an MDS will be inducted during a negotiated workload for a weapon system. The total of all MDS percentage factors for a production number must total 100 per cent.

Analysis Blockage Code (AB)—A numeric code, from 1 to 7, that indicates how many MISTR periods the component item has been non-supportable in D035K in current quarter. A code of 2 or greater will suppress analysis on a component item. The variance column will be blank and remark "NO SUPPORT--PERIODS:" will be shown.

Analysis Quarters (AQ)—A one position field (4 or 8) indicating the quarters of history used in analyzing a BOM.

Available Assets—The total reparable end item posture included on work order quantities and reparable assets available in Depot Supply.

Awaiting Parts Location (AWPLOC)—The location assigned to the AWP end item. Note: AWP is assigned to EPS, G402 system.

Back Order Canceled Message—A back order oriented message.

Bill of Material (BOM; MA BOM)—A listing having both standard and non-Standard records. The standard records are used to project material requirement and standard material costs. The non-standard records are only for material identification (usage nonstandard and indirect material).

Clerk Code (DS MGR)—The FSC class manager assigned responsibility for the component item cited.

Code Sensitivity Indicator (CSI)—The one position designator for material which requires a high degree of protection and control. Reference AFM 67-1, Volume I, for these codes. This code will be assigned automatically.

Comments—Additional data produced on an output product.

Common Item (CI)—Component item which is used on more than one workload during a MISTR period. If common, a "C" will be entered, otherwise "Blank".

Condition Code (CC)—A one position alpha code designating the condition of material in a Supply account. These codes are found in AFMCR 66.53, attachment 11.

Control Number—First five digits of the production number assigned to planned workload.

Cost Code (CC)—The Maintenance cost code which classifies material as funded (expense codes A or L) or unfunded (investment codes D, E, M, X or Z).

Component Issued—The total number of component items issued to the production number and operation number up to eight quarters.

Component Item (C/I)—Material that is in the end item which is individually identified. A component item may be an end item itself when handled as such in work- load processing.

Component NSN (Component Number: Component Stock Number)—The National Stock Number assigned to the BOM component item.

Component Noun—The name of a component item or stock list name.

Component STD Req—See Standard Requirement.

Components Required (Comp Reqd)—Total quantity of component item NSN required to support workload.

Cost, Funded—Summary of funded (expense) material costs for a particular production number/end item identity (cost codes A and L).

Cost, Unfunded—Summary of unfunded (investment) material costs for a particular production number/ end item identity (cost codes D, E, M, X, or Z).

Current Period Actual Percent—The current period actual percent replacement for a component item used in support of an end item during the current quarter production.

D/I Qty—See quantity Due In.

D/M Bill of Material (BOM; MA-BOM)—A listing having both standard and non-standard records. The standard records are used to project material requirements and standard material cost. The non-standard records are only for material identification (usage no standard and indirect material).

D/MM Bill of Material (MM BOM)—A listing, produced by the Master Material Support Record (API/ D2000) Data System,of materials coded for support of a recoverable EI, with the applicable cataloging and procurement actions that were taken at a source coding conference.

D/O Qty—See Quantity Due Out.

Date Established—The calendar year and Julian date that the BOM was established.

Date Post—The date that the status of the material transaction was posted in the D035K record.

Date Shipped—The date the component item was shipped from its source of supply; or the estimated due in date.

Demand Suffix (DMD Suffix)—The demand suffix code used to designate an item as being applicable to initial installation, and non- recurring requirements, or a recurring maintenance requirement.

Depot Supply—The quantity of this component item allocated from Depot Supply to support a workload.

Differential Workload Code (DWC)—A one position code identifying the BOM as High (H) or Low (L) volume workload. High volume workload exceeds 99 end items produced per year.

Direct Material (D)—Material that will become a part of any end item/article or can be related to specific end items.

Division Assigned Div Assig Division MM—The code for the MM division assigned management responsibility for the NSN. The division to which the equipment specialist having the responsibly for an end item is assigned.

Do Not Substitute D/N Substitute—Denotes a substitute or interchangeable item cannot be accepted for the requested stock number (indicated by an asterisk) (utility code 4).

Document Number—The number assigned to identify a particular material transaction and to provide an audit trail. The number is composed of the following elements. Organization functional code, Julian date, and serial number.

Dollar Variance—The plus/minus difference between actual and standard material costs for a component item during the current quarter production.

DS MGR—See Clerk Code

Due In Qty—See Quantity Due In

Due Out Qty—See Quantity Due Out

E/I ALC—See ALC Code.

End Item (E/I)—Equipment or material of distinct identify that is handled as identifiable repair workload and assigned a production number at an ALC for the purpose of control within the management system.

End Item Description—The descriptive nomenclature of the end item identified.

(E/I Description, End Item Identity, (E/I Identity)—The NSN, MDS, or other numbers which will identify an end item.

End Item Production (E/I Prod)—The number of end items produced since the component item was first issued against the production number and operation number.

End Item Production Current (E/I Prod Current)—The quantity of end items produced the current quarter.

End Item Production History (E/I Prod Hist)—The total quantity of end items produced during the past eight quarters.

End Item Quantity (E/I Qty)—See Quantity E/I

End Item Warehouse Location (E/I Whse Location)—The supply warehouse location identifier for

condition "G".

Engineer Code—See Responsible Engineer.

Equipment Specialist (ES)—The code for the equipment specialist assigned to the recoverable NSN.

ERRC (ER; ERC; ERR)—The designator signifying expendability, recoverability, repairability category for a component item.

Exchange Item—A serviceable investment item with an ERRC code of C, T or S issued in exchange for an unserviceable item.

Expense Cost—The estimated cost of the expense material used in repair of the end item. This material will be assigned to cost code "A" by the computer.

Expense Material—Material that is financed and managed under the Air Force Stock Fund and which is recorded as an expense to the Industrial Fund upon issue from Depot Supply.

FAD IND—The force activity designator indicator code assigned the end item.

FSCM—Federal Supply Code for Manufacturers.

Indirect Material (I)—Material that cannot be easily identified to a particular end item or system.

Introduction—The process of starting workloads incrementally into the shop during a MISTR period.

Interchangeability and Substitutability Codes I & S Codes—The code indicates whether a stock number item is family master, subgroup master, etc., of a particular interchangeability and substitutability (I & S) family. This coding is peculiar to the D035K system as follows:

—B = Bachelor Item. Item not in an I&S group.

—I = Interchangeable item.

—L = One subgroup only in the I&S group primary item.

—G = More than on subgroup in the I&S group and this item is the subgroup primary item.

—M = More than one subgroup in the I&S group and this item is the master item.

Interchangeable Item—Items coded for automatic substitution as totally interchangeable with a master item.

Interrogation—Obtaining specific information contained within the computer system.

Investment Cost—The estimated cost of the investment material used in repair of the end item. The material will be assigned to cost code "E by the computer.

Investment Material—Recoverable assemblies, installed equipment items, modification kits and other materials procured with investment (central procurement) appropriations.

Issue—A transaction whereby a supply account shows movement of material to a requesting organization.

Issues (Component Item Issues)

Current (CUR)—The Quantity of component items issued in the current quarter.

History (HST)—The quantity of component items issued during the past eight quarters.

Issues Over Standard—The number of component items either planned or unplanned used to produce end items on a production number in excess of planned quantity.

—**Note:** Component items turned into Supply are shown as a negative issue and are computed as Issue under Standard. The actual replacement percent column will be blank.

Item Source Number—(Manufacturer's Part Number) The identifying number assigned to the component item by the maker of the item or by the contractor possessing proprietary rights to the item.

J Exemption—Classified items. (Exemption codes are found in AFLCM 65-1).

Job Designator—This is an alphabetical code that signifies the type and extent of maintenance authorized to be accomplished; it is reflected in the sixth position of the production number.

Job Order Number—An extension of the production number of three positions (JN Suffix). Normally these three

(JON; JN Suffix)—positions indicate the fiscal year, quarter or month, and ownership purpose code.

Least Preferred—An I&S NSN with the least preferred order of use code used to accomplish the repair of an end item. When established on the BOM by the engineer/planner more adequate depot supply support is provided.

Manager Designator—The three position item manager designator. The first position identifies the division to which the IM is assigned, the other two positions identify the IM.

Master Item—Items which are coded in base support records as the preferred item, but for which substitution of items coded interchangeable and associated with the master item will be made automatically.

Material Classification—The code which identifies material as direct (D) or indirect (I).

MDS--E/I Identity—The MDS or other numbers which will identify an MDS end item.

Mission Item Essentiality Code (MEIC)—Three position (numeric-alpha) code identifies the priority of an item based on the item's mission essentiality.

MMMR—See manager Designator

National Stock Number (NSN)—Contains stock number, NS (one time use) numbers, NC (awaiting cataloging action) numbers, K (kits) numbers, L (local purchase, local manufacture) numbers, and P (manufacture part) numbers.

Non Driven Request Number—The non driven work request number that identifies the LM workload (block 1 of AFMC Form 206).

Non Support Fiscal Year (NSFY)—One position additive alpha code assigned for each MISTR period that precedence 1 and 2 were not completely supportable, for the MISTR year. This code will be removed at the start of the next MISTR year.

Occurrence Factor (OCC; OCC FSC; OCCRR FCT; OF)—Number of times an operation is planned or occurs in relation to the maximum number of times it could occur per end item being worked.

Operation Number (Oper Nr; OPR Number)—Five position field assigned to represent a block of work within a production number that can be accomplished by an individual Direct Labor Production Unit.

Order of Use Code—The order of use code consists of a three position alpha code constructed from the two position subgroup (SG) code and the one position parts preference code (PP) to indicate the sequence in which items may be automatically supplied, for example, AA + A = AA/ Up to three, three digit order of use codes may be applicable to a given described item.

Pacing Component Item NSN—The Stock number of a required C/I which has the least supportable posture in a local manufacture workload.

PDN MGR (Production Manager)—Code which identifies the MM specialist who has management responsibility for repair of the EI.

Percent Accurate—Percentage of PSF accountable component items on a BOM that are accurate.

Percent Support (Pct Sup)—Percentage of material which is supportable for a workload.

Period—Two numeric characters representing the MISTR production period.

Planned Workload—Indicates that appropriate material standards are developed and published for a workload.

Precedence of Repair Code (PRC)—The precedence of repair code assigned to the EI/PM.

Precedence Requirements 1&2 (P Req 1-2)—The combined M and S GEN required production to support IM back orders and two week's issues, plus two weeks of maintenance generations.

Precedence Requirements 3&4 (P Req 3-4)—The combined M and S GEN required production to support the balance of the 90-day negotiated workload.

Priority Code (PRI CODE)—Two position numeric MILSTRIP Issue Priority Designator(IPD) assigned to the component item requisition.

Procurement Source Code (PS, PSC)—One position code representing the procurement source, management, and financial assignment of the component item.

Production Analysis Quantity (PAQ)—That quantity of production for a BOM, that when reached triggers the quarterly usage analysis

Production History (PROD History; Production)—Number of EIs produced, up to eight quarters, of the total EI production since the component item was established.

Production Item—Item processed through a repair facility for repair, modification, manufacture, etc.

Production Management Specialist (PM SPEC)—Code for production manager assigned to the recoverable NSN.

Production Number (Prod Number; PDN NR; PD Number)—Six position number assigned to each workload which is used to track labor and material costs, includes control number and job designator.

Production Quantity—Number of EIs to be produced.

Projected—Indicates that an appropriate requirement for material or EI production has been identified and stated in quantitative terms.

Projection—Maintenance EI workload and the mechanized processing of the workload to determine material requirements.

Quarters History (QTRS HIS; QH)—The number of quarters that the component has been on the BOM since first issued, or if no issues, since date established.

Quantity Available (QTY AVAIL)—Number of component items available to support the workload.

Quantity Due In (D/I; Due In Qty)—Quantity of component items requisitioned on the cited document number due into depot supply.

Quantity Due Out (D/O; Due Out Qty)—Quantity of component items on back order in the depot supply records and which upon receipt by depot supply is automatically issued.

Quantity on Hand—Quantity of component items on hand.

Quantity Required (QYT REQ)—Number of component items requisitioned to accomplish the workload.

Quantity Short—Quantity of the identified component item which is not available to support the precedence 1&2 repair requirements (both M and S GEN).

Reason for Change Code (RFC)—One position alpha code used to indicate reason for making a change in the BOM. The code is used to distinguish and quantify changes which will affect the calculation of maintenance productivity reflected in column 80 of input source document. (Ref **Attachment 2**).

Repair Group Category (RGC)—Workload category assigned to a program control number for accomplishment of depot maintenance. RGCs are assigned as follows:

RC	Description
A	Negotiated Aircraft
B	Nonnegotiated Aircraft
C	Negotiated Missile
D	Nonnegotiated Missile
E	Negotiated Engines
F	Nonnegotiated Engines
G	Negotiated other Major Items
H	Nonnegotiated other Major Items
J	MISTR
K	Negotiated Project Directive (non-MISTR)
L	Nonnegotiated Exchangeables
M	Area Support
N	Base Support
P	Manufacture - AFSF
R	Non-Manufacture - non AFSF
S	Special and Service Engineering
W	DM Overhead (Includes Cost Class IV)

Replacement Percent (Repl %; Rpl %; Rpl Pct) STD—Percentage of times a component item is removed and replaced with serviceable items obtained through the local supply source (when compared to number of times component is removed as a candidate for repair). For utility code 2 components, it is the condemnation factor.

P-R—Percentage of average actual issues of an item compared to end item completions (factored by units per assembly).

ACT—Computed actual replacement percent for the past four or eight quarters.

Replacement Price—Replacement cost for a stock numbered item (repair cost, stock list price, or stock list price multiplied by the repair cost factor).

Request Quantity—See Production Quantity.

Requirement (30 day)—Total quantity required to support E/I workloads during the next 30 days.

Requirements by weeks Precedence 1-2 (Rqmnts P 1-2)—Combined M and S GEN required production to support the IM back orders and two issues, plus two weeks of maintenance generations.

Requirements by Precedence 3-4 (Rqmnts P 3-4)—The combined M and S GEN required production to support the balance of the 90-day negotiated workload.

Resource Control—The five position code assigned to (RCC) Resource Control Center responsible for accomplishing the workload.

Responsible Engineering Organization, Responsible Engineer (Resp Engr)—The activity and planners code assigned engineering/planning responsibility.

Routing Identifier (Route ID)—The source of supply to which the transaction will be transmitted.

Scheduling Designator (Sch Des; SD)—The one character alpha code assigned to the scheduler responsible for providing support to the RCC.

Sensitivity Code—Material which requires a high degree of protection and control due to statutory requirements or regulations. AFM 67-1, volume I provides codes for sensitive material.

Ship Date—The date the component item was shipped from its source (sometimes the estimated due in date).

SIMS Code—The SIMS code assigned to end item workloads.

Source of Supply (SRC-SUP) Source of Supply/Item Manager (SS/IM)—A three position code that designates the source of supply (may represent the AF manager of orthe item or the potential source of supply activity to which requisitions are forwarded for supply action.

SS/IM—See source of Supply (SRC-SUP).

Standard Replacement Percent Std Repl %—See Replacement Percent.

Standard Requirement—The number of planned component items required to produce total end item (computed by multiplying TOTAL PDN RELATED TO ISSUES BY QUARTER X OCC FAC X UPA X STD REPL %).

Status (ST)—Two position code that denotes the status of the quantity requisitioned on the document number cited.

Stock Level—Computed 30-day level based on issue history of component item.

Substitutable (SUB)—The interchangeable and substitutable stock numbered item for the component item cited.

Substitute Indicator—Last seven positions of an NSN: primary access key to the NSN record within an I&S group.

Supply Balance—Quantity of material on hand in depot supply to support the material requirement.

Supply Item Manager the Specialist (SIMS)—SIMS is a six position designator made up of the first two alpha positions of an individual SIMS code, and the last four numbers in the telephone extension for that SIMS.

Supply Source—See Source of Supply (SRC-SUP).

Support Indicator (SI)—One position numeric (1-7) indicating lack of support from supply on component items for 1 to 7 MISTR periods during a quarter. After usage analysis, the code starts over.

Total—Total quantity of a particular component item in short supply for production of identified EIs.

Total Records—Total number of line items (component item NSNs) on the BOM.

Total Required—Total requirement for this component item to support precedence one, two, three, and four M and S generations.

Transaction Code (Trans Code)—Three position alphanumeric code used to tell the computer the functional area to which an input is being made and the identity of the transaction. This date is reflected on columns 1-3 of input source document. Codes are listed in Atch.

Urgency of Need (UN)—The UN designator which signifies the degree of urgency that caused the initiation of the requisition.

Unit of Issue—Supply unit of issue such as EA (each), PR (pair), or SE (set).

Unit Price—Stocklist price of a component item.

Units Per Assembly (UPA)—Number of identical parts in an end item as shown on the BOM.

Usage Plan Total—Number of planned issues of the component item. The total number of components issued since the component was established in the BOM.

Utility Code (UC; UT; Utl)—Identifies particular type items as recoverable component items which are repaired under their own production number (code 2), TO kits (code 3), and component items that cannot be substituted (code 4).

Warehouse Location—Supply warehouse location identifier for condition G end items (S batch number).

Weapon System Manager (WSM)—Code assigned to the weapon system manager.

Attachment 2

BILL OF MATERIAL CODES FOR FILE MAINTENANCE TRANSACTIONS

1. The GOO5M uses three codes for BOM file maintenance transactions. These codes are: (a) transaction; (b) BOM action; and (c) reasons for change codes. Brief definitions for each of these codes are provided below:

2. Definitions:

a. Transaction Code is a three position alphanumeric code used to the tell the computer the functional area to which an input is being made and the identity of the transaction.

b. BOM Action Code is a one position alpha code that identifies and recommends the type of BOM file maintenance action to be performed.

c. Reason for Change Code is a one position alpha code used to indicate the reason for making a change in the BOM. (See **Attachment 2** Reason for Change Codes.)

Attachment 3

REASON FOR CHANGE CODES

This attachment contains reason for change codes used in updating BOM (standards oriented) data in the G005M system. The reason for change codes in the attachment include only those codes input manually by the planner. The G005M automatically assigns codes for computer generated standard changes (standard data, occurrence factor, usage analysis, stocklist changed, etc.) Each reason for change code is defined/explained below.

Note:

1. These reason for change codes are to be used by the G005M Material Support System only.

2. Codes B, C, D, and E, are for changing history data.

3. Effort correction should no longer be accomplished using a unique reason code. Corrected values to both labor and material standards should be input using the original code which resulted in the data error. (Labor codes are found in AFMCR 66.4.)

4. Use of reason code E for vision of labor occurrence factors should be discontinued. The common denominator which determines use of these codes is the receipt of a written request or directive from an agency outside to increase, decrease, or change the type of repair accomplished on an EI. These codes should also be used establish the initial standards for a new workload. Changes to standards should be coded P only when the initiative clearly originates from outside maintenance.

5. Other Reason for Change codes may appear on G005M products. These are input by agencies outside maintenance.

Code - Definition/Explanation

P- Work changes directed or requested by SM, IM, or other authority external to maintenance, including new workloads.

S- Work changes not specifically directed by authority external to maintenance, but required due to age or condition of the EI. As in the case of code P, these reason codes are used when the standard change results form a condition over which maintenance personnel have no control. In this case, however, there is no written directive/request for the change. The S code is used when the age or condition of the EI has changed, requiring greater or less depth of repair, or more or less material to restore the item to the same level of serviceability as that previous items repaired. For example, this code applies when the standard must be revised due to the detection of increased amounts of corrosion or decreased failure of the component which is now made of stronger material.

V- Actions undertaken to satisfy environmental requirements established with maintenance. This code is used when maintenance personnel locally identify the need to change material standards to continue producing an item according to existing quality requirements in a safe, healthful manner. It could include added test time to isolate component failures, re-layout of the shop to eliminate a safety hazard, or changes in material use to prevent possible health damage resulting from noxious fumes, dust, or fibers.

W- Methods Improvement Studies. This code identifies improvements in process, method, shop layout, work flow, material requirements, etc., resulting from efforts to reduce the cost or man-hours required for EI repair.

U- Periodic review, update, or refinement of standard, including necessary revision of occurrence factors, and material replacement factors. This code is used only to change the type, and therefore, the statistical accuracy of the standard.

B- Posted issues for this component are in error. The usage data posted to the BOM are erroneous. Common items charged to wrong production number. This history would cause the BOM analysis program to process invalid recommendations until it finally drops off after eight quarters.

C- Repair requirements (technical order) have been changed. The T.O. has changed the usage requirement to be greater or less than the past requirements.

D- Reliability of the component has been changed. The manufacture has increased the reliability of the component and the usage has drastically decreased.

E- Component actual usage is not correctly reflected by issue data. Issue data are distorted by infield backorders or release of large outstanding backorders.

Attachment 4

G005M ERROR MESSAGES AND EXPLANATIONS

A4.1. The following are input error messages and a brief explanation of the error.

* Accountable RCC/SD unmatched to MV data base. ERROR: Input RCC/SD not loaded in G004L.

* Accountable RCC/SD previously established. ERROR: Input RCC/SD is already in G005M.

* BOM request not authorized. ERROR: Input request must be made by the system OPR.

* Component NSN unmatched to material data base. ERROR: Stock Number not loaded in G005M.

* Component previously established. ERROR: Stock Number already loaded to the G005M data base.

* Control data unmatched to material data base. ERROR: Input information does not match system field requirement.

* E/I unmatched to MV data base. ERROR: Input End Item NSN does not match information contained in G004L.

* E/I production Number previously established. ERROR: Input Production number already established in G005M.

* E/I production number unmatched to material data base. ERROR: Input production number does not match information contained in G005M data base.

* FSMC previously established. ERROR: FSMC already exists in G005M.

* FSMC unmatched to material data base. ERROR: Input FSMC not on G005M data base.

* Invalid Component NSN. ERROR: Input Stock Number does not match G005M data base.

* Invalid accountable RCC/SD. ERROR: Input RCC does not match G005M data base.

* Invalid ERRC. ERROR: ERRC does not match G005M data base.

* Invalid FSMC. ERROR: FSMC does not match G005M data base.

* Invalid low volume BOM costs. ERROR: Low volume costs do not match G005M data base requirements.

* Invalid new responsible engineering organization. ERROR: Input planner code (new) does not match G005M data base.

* Invalid Occurrence Factor. ERROR: Input Occurrence does not match G005M data base.

* Invalid Operation Number. ERROR: Input Operation Number does not match G005M data base.

* Invalid Production Number. ERROR: Input Production Number does not match G005M data base.

* Invalid responsible engineering organization. ERROR: Input planner code does not match G005M data base.

* Item source previously established. ERROR: Item Source already established on the BOM.

* Obsolete stock number. ERROR: Input NSN is coded obsolete.

* Operation Number previously established. ERROR: Operation Number already in G005M data base.

* Operation Number unmatched to MV data base. ERROR: Operation Number not in G004L.

* Operation Number unmatched to material data base. ERROR: Operation Number not in G005M data base.

* Production Number unmatched to MV data base. ERROR: Production Number not in G004L.

* Occurrence Factor unmatched to material data base. ERROR: Input Occurrence factor not in G005M data base.

* RCC unmatched to D035k. ERROR: Input RCC not on Organizational Table.

* Responsible Engineering Organization unmatched to MV data base. ERROR: Planner code Not in G004L.

A4.2. For error messages not contained in this listing contact your G005M System OPR.

Attachment 5

ANALYSIS ERROR MESSAGES

Figure A5.1. Analysis Error Messages

ANALYSIS ERROR MESSAGES								
MESSAGE	VERIFICATION CRITERIA	FREQUENCY	PROGRAM ACTION	PLANNER ACT	PLANNER DR	IPV ACT	IPV DR	CORRECTIVE ACTION
TERMINATE DM, SUBSTITUTE RECORDED	[illegible]	[illegible]	[illegible]	T	[illegible]	T	[illegible]	[illegible]
TERMINATE DM, [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] PLANNED [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] STANDARD	[illegible]	[illegible]	[illegible]	T	[illegible]	T	[illegible]	[illegible]
[illegible] USAGE [illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	T	[illegible]	[illegible]

Figure A5.2. Analysis Error Messages (Continuation)

		ANALYSIS ERROR MESSAGES						
MESSAGE	MESSAGE CRITERIA	FREQUENCY	PRO-GRAM ACTION	PLANNER ACT	PLANNER ER	PS ACT	PS ER	CORRECTIVE ACTION
[illegible]	[illegible]	QUARTERLY	PRINT ONLY	Y	N	Y	N	INFORMATION ONLY. NO ACTION REQUIRED.
[illegible]	[illegible]	[illegible] QUARTERLY	[illegible] QUARTERLY [illegible]	Y	N	Y	Y	[illegible]
[illegible]	[illegible]	[illegible] QUARTERLY [illegible]	[illegible] DAILY [illegible]	Y	N	Y	N	INFORMATION ONLY. NO ACTION REQUIRED.
[illegible]	[illegible]	[illegible]	[illegible] QUARTERLY [illegible]	Y	N	Y	N	INFORMATION ONLY. NO ACTION REQUIRED.
[illegible]	[illegible]	[illegible]	PRINT ONLY	Y Y	N	Y	Y	[illegible]
[illegible]	[illegible]	QUARTERLY	PRINT ONLY	Y	N	Y	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Y	N	Y	N	[illegible]

Figure A5.3. Analysis Error Messages (Continuation)

		ANALYSIS ERROR MESSAGES					
MESSAGE	MESSAGE CRITERIA	FREQUENCY	PROGRAM ACTION	PLANNER ACT	PLANNER ER	PSV ACT	PSV ER	CORRECTIVE ACTION
OUT OF BOUNDS	MESSAGE PRINTS WHEN STANDARD REPLACEMENT % OR ACTUAL REPLACEMENT % IS > 100.	DAILY/TIMELY	PRINT ONLY.	Y	N	Y	N	PLANNER SHOULD RESEARCH CONFIRMATION TO VERIFY PLANNED UNITS PER ASSEMBLY (UPA). PRODUCTION SUPPORT MUST INSURE THEY ARE ORDERING PROPERLY.
PRODUCTION NUMBER DELETED OR ELIMINATED IS GOOD	OCCURS WHEN THE "G" POSITION PRODUCTION NUMBER DOES NOT RESIDE ON THE CURRENT GOAL SYSTEM.	MONTHLY & QUARTERLY	PRINT A COPY OF THE ENTIRE EQUAL DELETE TAPE PRODUCTION NUMBER AND COMPONENTS.	N	N	N	N	INFORMATION ONLY. NO ACTION REQUIRED BY PLANNER OR PSV. WRITE THE COPY OF THE BOMS SENT TO THE PLANNER.
STANDARD ESTABLISHED VERIFICATION	THROUGH USE OF CONSTRAINER ARE TO COMPUTE AN ACTUAL REPLACEMENT PERCENT FOR A NON-STANDARD COMPONENT.	QUARTERLY	PROGRAM DAILY ARCHIVES ACTUAL REPLACEMENT PERCENT TO STANDARD, CHANGES THE UPN TO "T", UPDATES THE ANALYSIS CODE AND DATE ON LAST ACTION.	Y	N	Y	N	PLANNER SHOULD RESEARCH THE COMPONENT STOCK NUMBER TO FINALIZE/CHANGE THE UPN AS REQUIRED. (NOT TRANSACTION ING. CHANGE THE UPN).

Attachment 6

OUTPUT PRODUCTS LIST

Figure A6.1. Output Products List

OUTPUT PRODUCTS LIST

FILE ID/PROJ/CS/DSN	FULL TITLE	MEDIA/ CLASS	FREQ/FREQ/ ASCT DATE/ DISP DATE	CA DISPATCH	DIST/DISTRIBUTION RECIPIENTS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Figure A6.2. Output Products List (Continuation)

OUTPUT PRODUCTS LIST

FILE ID/PCN/TRC/SO/IN	FULL TITLE	MEDIA/ CLASS	FREQUENCY/ ASOF DATE/ DUE DATE	CA DISPTCH	ON/OF BASE RECIPIENTS
A-[illegible]	[illegible] ERROR NOTIFICATION LIST	PAPER/U	D/[illegible]/[illegible]	[illegible]	[illegible]
A-[illegible]	ROM TRANSACTION REGISTER	PAPER/U	D/[illegible]/[illegible]	[illegible]	[illegible]
A-[illegible]	MRS ALLOCATION [illegible]	PAPER/U	D/[illegible]/[illegible]	[illegible]	[illegible]
A-[illegible]	ROM MASTER LIST	PAPER/U	D/[illegible]/[illegible]	[illegible]	[illegible]
A-[illegible]	ITEM SOURCE NO./STOCK [illegible]	PAPER/U	D/[illegible]/[illegible]	[illegible]	[illegible]
A-[illegible]	ROM [illegible] LIST	FICHE/U	[illegible]		[illegible]
A-[illegible]	MATERIAL [illegible] COST [illegible]	PAPER/U	[illegible]	[illegible]	[illegible]
A-[illegible]	[illegible] ISSUE REPORT	PAPER/U	[illegible]	[illegible]	[illegible]
A-[illegible]	[illegible] SALES PRICE VARIANCE	FICHE/U	[illegible]		[illegible]
A-[illegible]	[illegible] ERROR NOTIFICATION LIST	FICHE/U	[illegible]		[illegible]
A-[illegible]	[illegible] OF MATERIAL TRANS REGISTER	FICHE/U	[illegible]		[illegible]
A-[illegible]	[illegible] SALES PRICE VARIANCE	PAPER/U	[illegible]	[illegible]	[illegible]
A-[illegible]	SALES PRICE VARIANCE	FICHE/U	[illegible]		[illegible]
A-[illegible]	SALES PRICE VARIANCE BY PROD NO	BOTH/U	[illegible]	[illegible]	[illegible]
A-[illegible]	SALES PRICE VARIANCE BY [illegible]	BOTH/U	[illegible]	[illegible]	[illegible]
A-[illegible]	[illegible] FILTER	PAPER/U	[illegible]	[illegible]	[illegible]
A-[illegible]	[illegible] PART NUMBER	BOTH/U	[illegible]	[illegible]	[illegible]

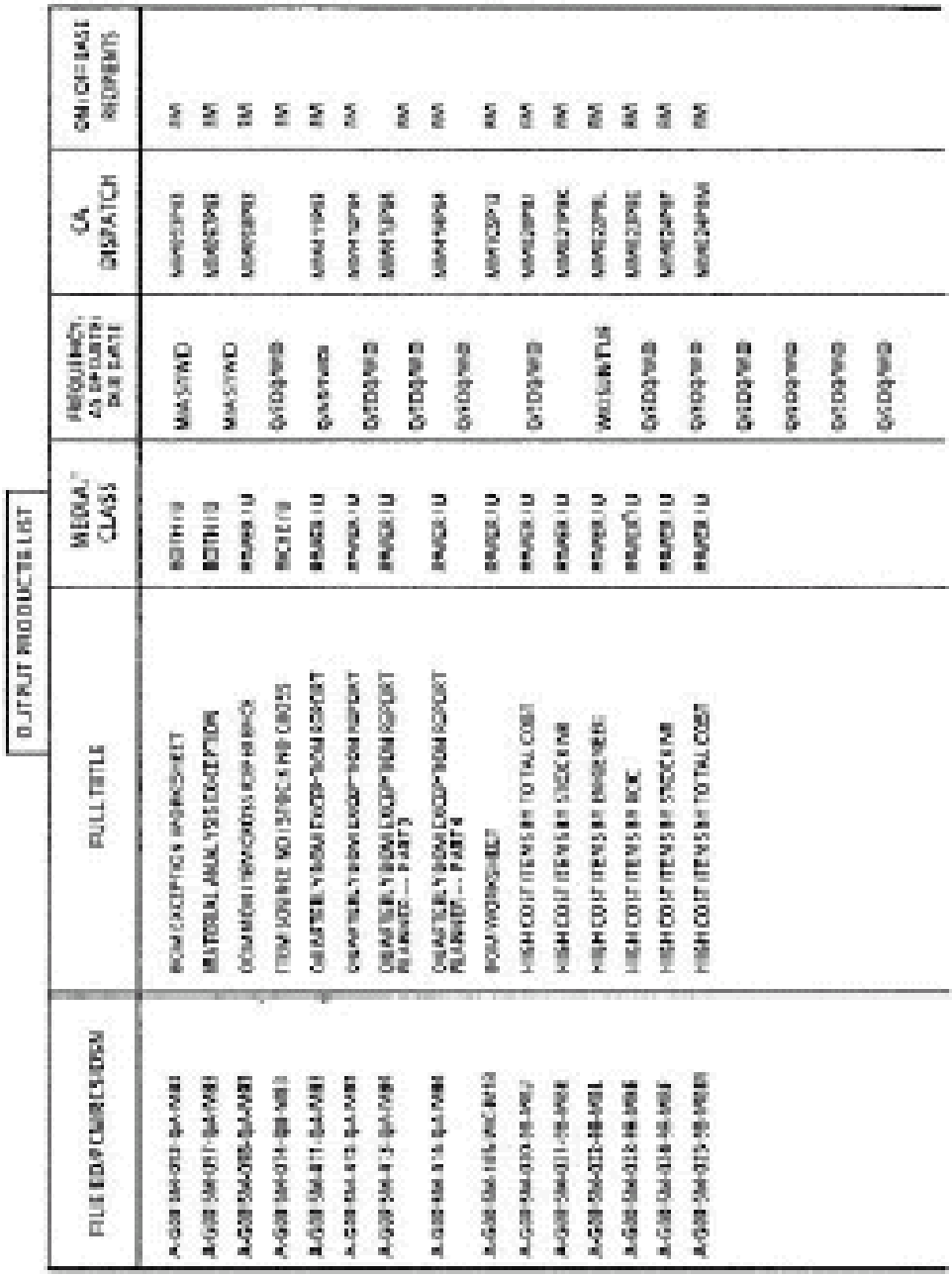



Figure A6.3. Output Products List (Continuation)