



**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:

$$\text{Comp Rep Percent} = (\text{Reg Qty} \times 100^{\text{NOTE1}}) / (\text{EI} \times \text{OF} \times \text{UPA})$$

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 = $(200 \times 100) / (400 \times .50 \times 8) = 12.5$ 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 overlaid 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/INSN:	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/INSN:	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
EI 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	PAI
FSCM:	ALPHANUMERIC	5	61-65	PAI
	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
* EI 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	PAI
COST-EXP:	NUMERIC	9	28-36	PAI
COST-INV:	NUMERIC	9	37-45	PAI
	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 ENTER 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. <ul style="list-style-type: none"> a. Heading Elements. <ul style="list-style-type: none"> (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 vary 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

A-G005M-001-DE-MFR									
1	2	3	4	5	6	7	8	9	10
1234567890123456789012345678901234567890123456789012345678901234567890									
MOTCHANEFA		022	14000	1000000000	100000				
MOTCHANEFA		047	21000	1000000000	100000				
MOTCHANEFA		090	12000	1000000000	100000				
1234567890123456789012345678901234567890123456789012345678901234567890									

Table 4.2. G005M Error Notification

TITLE	G005M ERROR NOTIFICATION LIST (MONTHLY/FICHE)
PCN	A-G005M-0001-DE-MFR
PREPARATION	MONTHLY/15th. CALENDAR 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.

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

A-G005M-020-98-MBJ									
TOTAL COST SEQUENCE									
RCC	RESP ENGR	PROD NUMBER	OPTR NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q	TOTAL ISSUES	TOTAL COST
MBPAAA	HA8E8D	44444C	70001	15600111003088P	N	8800.00	7	220	2156000.00
MBPAAA	HA8E8D	44444C	70001	15600045754428P	N	1495.58	8	717	514398.88
MBPAAA	HA8E8D	44444C	70001	1830002182374	P	53.89	8	5089	274166.21
MBPAAA	HA8E8D	44444C	70001	19600111418538P	N	1204.20	5	192	222410.00
MBPAAA	HA8E8D	44444C	70001	15600417410040P	N	1904.36	6	404	991199.88
MBPAAA	HA8E8D	44444C	70001	4720003117760	N	287.13	8	708	210152.84
MBPAAA	HA8E8D	44444C	70001	06150135204228P	P	998.93	8	187	188759.91
MBPAAA	HA8E8D	44444C	70001	15600041143608P	N	2121.00	7	82	121502.00
MBPAAA	HA8E8D	44444C	70001	09150101204238P	P	779.07	8	487	130204.80
MBPAAA	HA8E8D	44444C	70001	5300003100550	N	485.00	8	278	133280.00
MBPAAA	HA8E8D	44444C	70001	15600044400140P	N	708.30	8	170	128460.00
MBPAAA	HA8E8D	44444C	70001	15600071068658P	N	3297.00	5	39	121502.00
MBPAAA	HA8E8D	44444C	70001	15600075011028P	P	514.36	8	243	125002.36
MBPAAA	HA8E8D	44444C	70001	1930002182378	N	25.70	8	4020	184704.00
MBPAAA	HA8E8D	44444C	70001	1560P112320P	N	4398.30	8	28	184886.80
MBPAAA	HA8E8D	44444C	70001	19600015993888P	N	305.85	8	337	181114.05
MBPAAA	HA8E8D	44444C	70001	5350001500223	N	517.58	8	214	110762.12
MBPAAA	HA8E8D	44444C	70001	06150135460758P	P	799.87	8	199	104374.13
MBPAAA	HA8E8D	44444C	70001	15600000022388P	N	7148.27	8	15	107224.00

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

A-G005M-021-98-MBK									
STOCK NUMBER/TOTAL COST SEQUENCE									
RCC	RESP ENGR	PROD NUMBER	OPTR NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q	TOTAL ISSUES	TOTAL COST
MBPAAA	HA8E8D	44444C	70001	10980000503088P	P	5886.20	8	8	46945.60
MBPAAA	HA8E8D	44444C	70001	10980112534108P	P	728.53	4	3	21847.50
MBPAAA	HA8E8D	44444C	70001	1270000031881	N	209.26	7	23	6074.25
MBPAAA	HA8E8D	44444C	70001	1077002350952	N	149.23	6	82	11505.88
MBPAAA	HA8E8D	44444C	70001	1377004123208	N	36.00	6	73	6180.00
MBPAAA	HA8E8D	44444C	70001	1377008938592	N	372.30	8	64	23827.20
MBPAAA	HA8E8D	44444C	70001	14300000674988P	N	1870.00	8	3	5810.00
MBPAAA	HA8E8D	44444C	70001	15600001711708P	P	6330.00	8	5	31650.00
MBPAAA	HA8E8D	44444C	70001	1560P101294P	N	874.00	8	34	8036.00
MBPAAA	HA8E8D	44444C	70001	1580P105597P	N	82.59	8	82	5228.57
MBPAAA	HA8E8D	44444C	70001	1580P108604P	N	46.66	8	117	5045.32
MBPAAA	HA8E8D	44444C	70001	1580P109288P	N	352.85	8	20	7059.00
MBPAAA	HA8E8D	44444C	70001	1580P110491P	N	43.40	8	122	5294.80
MBPAAA	HA8E8D	44444C	70001	1580P110928P	N	40.18	8	100	4018.00
MBPAAA	HA8E8D	44444C	70001	1580P111656P	N	48.78	5	121	6750.24
MBPAAA	HA8E8D	44444C	70001	1580P112320P	N	47.78	5	139	5902.38
MBPAAA	HA8E8D	44444C	70001	1580P112320P	N	40.70	8	117	4683.60
MBPAAA	HA8E8D	44444C	70001	1580P112320P	N	138.80	8	77	10441.60
MBPAAA	HA8E8D	44444C	70001	1580P112314P	N	49.98	8	160	7404.00
MBPAAA	HA8E8D	44444C	70001	1580P112314P	N	31.04	8	139	7064.56
MBPAAA	HA8E8D	44444C	70001	1580P112312P	N	35.66	8	190	6952.40

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

MAB		G 0 0 5 M H I G H C O S T I T E M S					A-G005M-022-98-MBL		PAGE 1	
ENGINEER SEQUENCE										
RCC	RESP ENGR	PRD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST	
MBPAAA	MBEERD	44444C	70001	14300087809134J	P	8130.00	8	8	21850.00	
MBPAAA	MBEERD	44444C	70001	1430000857826AB	N	1870.00	8	3	5610.00	
MBPAAA	MBEERD	44444C	70001	1377009988592	N	372.30	8	64	23827.20	
MBPAAA	MBEERD	44444C	70001	1377004123208	N	88.00	8	72	6192.00	
MBPAAA	MBEERD	44444C	70001	1377002380552	N	145.23	8	82	11908.88	
MBPAAA	MBEERD	44444C	70001	1270000831981	N	202.25	7	33	6674.25	
MBPAAA	MBEERD	44444C	70001	1095011253410BF	P	7282.32	4	3	21847.88	
MBPAAA	MBEERD	44444C	70001	1095000052888BF	P	5868.20	8	8	46945.60	
MBPAAA	MBEERD	44444C	70001	1580008246808BF	N	121.98	7	73	8903.08	
MBPAAA	MBEERD	44444C	70001	1580008224198BF	N	99.21	8	142	8567.82	
MBPAAA	MBEERD	44444C	70001	1580008888888BF	N	99.98	8	51	5098.48	
MBPAAA	MBEERD	44444C	70001	1580008018019BF	N	1618.71	2	8	9712.26	
MBPAAA	MBEERD	44444C	70001	1580007885887BF	P	354.99	8	62	22009.38	
MBPAAA	MBEERD	44444C	70001	1580007948204BF	N	29.33	8	271	7948.43	
MBPAAA	MBEERD	44444C	70001	1580007939984BF	N	239.12	8	25	5978.00	
MBPAAA	MBEERD	44444C	70001	1580007938892BF	P	111.28	8	88	8230.56	
MBPAAA	MBEERD	44444C	70001	1580007888888JK	N	600.00	8	22	12000.00	
MBPAAA	MBEERD	44444C	70001	1580007888594BF	N	258.00	8	20	5160.00	
MBPAAA	MBEERD	44444C	70001	1580007888888BF	N	789.70	8	13	10285.10	
MBPAAA	MBEERD	44444C	70001	15800078888560	N	1174.20	8	4	5096.80	
MBPAAA	MBEERD	44444C	70001	1580007888410BF	N	85.17	8	106	9028.02	
MBPAAA	MBEERD	44444C	70001	1880007888407BF	P	37.76	8	333	13188.73	

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

MAB		G 0 0 5 M H I G H C O S T I T E M S					A-G005M-023-98-MBE		PAGE 1	
RCC SEQUENCE										
RCC	RESP ENGR	PRD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q H	TOTAL ISSUES	TOTAL COST	
MBPAAA	MBEERD	44444C	70001	14300087809134J	P	8130.00	8	8	21850.00	
MBPAAA	MBEERD	44444C	70001	1430000857826AB	N	1870.00	8	3	5610.00	
MBPAAA	MBEERD	44444C	70001	1377009988592	N	372.30	8	64	23827.20	
MBPAAA	MBEERD	44444C	70001	1377004123208	N	88.00	8	72	6192.00	
MBPAAA	MBEERD	44444C	70001	1377002380552	N	145.23	8	82	11908.88	
MBPAAA	MBEERD	44444C	70001	1270000831981	N	202.25	7	33	6674.25	
MBPAAA	MBEERD	44444C	70001	1095011253410BF	P	7282.32	4	3	21847.88	
MBPAAA	MBEERD	44444C	70001	1095000052888BF	P	5868.20	8	8	46945.60	
MBPAAA	MBEERD	44444C	70001	1580008246808BF	N	121.98	7	73	8903.08	
MBPAAA	MBEERD	44444C	70001	1580008224198BF	N	99.21	8	142	8567.82	
MBPAAA	MBEERD	44444C	70001	1580008888888BF	N	99.98	8	51	5098.48	
MBPAAA	MBEERD	44444C	70001	1580008018019BF	N	1618.71	2	8	9712.26	
MBPAAA	MBEERD	44444C	70001	1580007885887BF	P	354.99	8	62	22009.38	
MBPAAA	MBEERD	44444C	70001	1580007948204BF	N	29.33	8	271	7948.43	
MBPAAA	MBEERD	44444C	70001	1580007939984BF	N	239.12	8	25	5978.00	
MBPAAA	MBEERD	44444C	70001	1580007938892BF	P	111.28	8	88	8230.56	
MBPAAA	MBEERD	44444C	70001	1580007888888JK	N	600.00	8	22	12000.00	
MBPAAA	MBEERD	44444C	70001	1580007888594BF	N	258.00	8	20	5160.00	
MBPAAA	MBEERD	44444C	70001	1580007888888BF	N	789.70	8	13	10285.10	
MBPAAA	MBEERD	44444C	70001	15800078888560	N	1174.20	8	4	5096.80	
MBPAAA	MBEERD	44444C	70001	1580007888410BF	N	85.17	8	106	9028.02	

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

A-G005M-024-98-MBF										PAGE 50		
EIGHT HIGH COST ITEMS												
STOCK NUMBER/TOTAL COST SEQUENCE												
RCC	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q	TOTAL ISSUES	TOTAL COST	COMPLEMENT ISSUES	COMPLEMENT COST	NOTE
MNP1BK	MANCEL	18045A	00010	8220044814103F	N	180.01	8	64	11540.34			
MNP1BK	MANCEL	18045A	00010	8220044814103F	F	180.01	8	34	5440.34			
MNP1BK	MANCEL	18045A	00010	8220045107254	F	74.27	8	509	42540.62	718	115,487.28	LIGHT, NAVIGATION
MNP1BK	MANCEL	18045A	00010	8220045107255	F	74.58	8	418	31174.44	515	48,740.00	LIGHT, NAVIGATION
MNP1BK	MANCEL	18045A	00010	8220046687813	F	85.50	8	424	36128.00	418	31,174.44	LIGHT, NAVIGATION
MNP1BK	MANCEL	18045A	00010	8220046687814	F	85.50	8	502	50880.00	414	251,000.00	LIGHT, NAVIGATION
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	55.00	8	401	22000.00	562	309,482.00	LIGHT, NAVIGATION
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	55.00	8	78	4290.00	161	2,740.00	SKIN, AIRCRAFT
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	91.90	8	272	24990.00	78	4,290.00	SKIN, AIRCRAFT
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	82.38	8	415	34330.00	272	24,990.00	SKIN, AIRCRAFT
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	111.75	8	423	47370.00	415	24,990.00	SKIN, AIRCRAFT
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	100.20	8	430	43280.00	415	41,170.00	Fair, BOON
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	97.95	8	422	41320.00	415	80,200.00	SKIN, AIRCRAFT
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	23.07	8	298	6884.16	412	11,000.72	CAP, DOOR ASSEMBLY
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	1589.40	8	27	42650.00	282	11,207.31	EE, DOOR ASSEMBLY
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	1428.22	8	22	31420.88	27	40,811.80	FRAME, STRUT DOOR
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	107.78	8	203	21660.00	22	31,847.44	FRAME, STRUT DOOR
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	42.72	8	143	6090.24	203	21,203.20	FITTING, STRUT DOOR
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	213.80	8	81	17316.00	143	8,342.35	SKIN, AIRCRAFT
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	201.18	8	9	1810.62	81	17,301.00	
MNP1EC	MUNESH	14782A	00010	15600006410118F	F	43.82	8	133	5828.16	8	1,002.87	BRACKET ASSEMBLY

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

A-G005M-025-98-MBM										PAGE 1	
EIGHT HIGH COST ITEMS											
TOTAL COST/STOCK NUMBER SEQUENCE											
RCC	RESP ENGR	PROD NUMBER	OPER NUMBER	COMPONENT NUMBER	ERRC	UNIT PRICE	Q	TOTAL ISSUES	TOTAL COST		
MBPAAA	MABERD	44444C	10001	1550011195205BF	N	9902.00	7	220	2166000.00		
MBPAAA	MABERD	44444C	10001	1550004375445BF	N	1473.18	8	217	319725.83		
MBPAAA	MABERD	44444C	10001	1550007287318	P	62.19	8	6080	374246.21		
MBPAAA	MABERD	44444C	10001	1550011741652BF	N	1204.10	5	150	180615.00		
MBPAAA	MABERD	44444C	10001	1550011741654BF	N	1204.10	5	154	185431.00		
MBPAAA	MABERD	44444C	10001	4770000117730	N	207.13	8	709	146095.24		
MBPAAA	MABERD	44444C	10001	6015010520452BF	F	598.13	8	157	93902.56		
MBPAAA	MABERD	44444C	10001	1550008814358BF	N	2121.00	7	82	171072.00		
MBPAAA	MABERD	44444C	10001	6015010520452BF	F	779.67	8	157	122404.80		
MBPAAA	MABERD	44444C	10001	6015009180503	N	405.05	8	278	112600.88		
MBPAAA	MABERD	44444C	10001	1550004448814BF	N	758.55	8	170	128953.50		
MBPAAA	MABERD	44444C	10001	1550007906855BF	N	2237.00	5	38	85015.00		
MBPAAA	MABERD	44444C	10001	1550007531162BF	P	614.88	8	247	150870.24		
MBPAAA	MABERD	44444C	10001	1550002282315	N	25.70	8	4020	103044.00		
MBPAAA	MABERD	44444C	10001	155001129201	N	4335.30	8	20	114706.80		
MBPAAA	MABERD	44444C	10001	1550009556344BF	N	338.88	8	207	113114.08		
MBPAAA	MABERD	44444C	10001	6015009890222	N	517.50	8	214	110762.12		
MBPAAA	MABERD	44444C	10001	6015010548015BF	F	775.87	8	138	108174.13		
MBPAAA	MABERD	44444C	10001	1550000862229BF	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 BE		MIC COMPONENT REQUIREMENTS					AS OF 3 168 02	A-G005M-034-BB-M60	PAGE 1				
MIC DES	COMPONENT NSN	U/I	E	PSC	UNIT PRICE	STOCK	QTY ON HAND	30 DAY QTY REQUIRED	END ITEM IDENTITY	PROD NUMBER	OPR NUM	RCC	REMARKS
M60	137701054428	EA	N	3	83.83	0	0						
								.1	1560011646510WF	31527A	00010		MIRSCG UNMATCHED
								.1	1560011652041WF	82505A	00010		MIRSCG UNMATCHED
								.2<---	TOTAL				
M60	137701054429	EA	N	3	74.68	0	0						
								.5	1560011646510WF	31527A	00010		MIRSCG UNMATCHED
								.5	1560011652041WF	82505A	00010		MIRSCG UNMATCHED
								1.0<---	TOTAL				
M60	1377010550367	EA	N	3	211.40	0	0						
								4.0	1560010423217WF	86079A	00010		MIRSCG UNMATCHED
								4.0<---	TOTAL				
M60	1377010564526	EA	N	3	93.09	0	0						
								2.0	1560010423217WF	86079A	00010		MIRSCG UNMATCHED
								6.0	1560011675199WF	21322A	00010		MIRSCG UNMATCHED
								8.0<---	TOTAL				
M60	1377010564529	EA	N	3	113.83	0	0						
								2.0	1560010423217WF	86079A	00010		MIRSCG UNMATCHED
								6.0	1560011675199WF	21322A	00010		MIRSCG UNMATCHED
								8.0<---	TOTAL				
M60	1377010630732	EA	N	3	381.69	0	0						
								2.0	1560010423217WF	86079A	00010		MIRSCG UNMATCHED
								6.0	1560011675199WF	21322A	00010		MIRSCG UNMATCHED
								8.0<---	TOTAL				
M60	1377010630733	EA	N	3	391.05	0	0						
								2.0	1560010423217WF	86079A	00010		MIRSCG UNMATCHED
								6.0	1560011675199WF	21322A	00010		MIRSCG UNMATCHED
								8.0<---	TOTAL				
M60	1377010792863	EA	N	3	276.12	0	0						
								5.0	1560011631733WF	70531A	00010		MIRSCG UNMATCHED
								2.0	1560011646510WF	31527A	00010		MIRSCG UNMATCHED
								2.0	1560011652041WF	82505A	00010		MIRSCG UNMATCHED
								9.0<---	TOTAL				
M60	1377010792864	EA	N	3	210.34	0	0						
								5.0	1560011631733WF	70531A	00010		MIRSCG UNMATCHED
								2.0	1560011646510WF	31527A	00010		MIRSCG UNMATCHED
								2.0	1560011652041WF	82505A	00010		MIRSCG 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	<p>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.</p> <p>a. Heading Elements.</p> <ol style="list-style-type: none"> 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. <p>b. Column Data.</p>
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

MFR000 DAILY G005M TRANSACTION REGISTER										02-21-93		A-G005M-061-DE-MFR		02		1			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
123456789012345678901234567890123456789012345678901234567890	PROCESSING DATE	TIME	----- R E M A R K S -----																
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A3	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						
44444C 70001 156000507090BF	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	OLD						
	UI	PSC	AAC	ERRC	1A5	CC	A	80233	03.48.48	0033	UPDATE	--	NEW						

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

NO PAGE	MDS ALLOCATION TABLE		NO-ALC	AS OF	YR	MO	DA	YR	A-G005M-071-AE-MEJ	PS
ACC	SD	PROD NUMBER	MDS. E/I IDENTITY	ALLOCATION	REMARKS					
REPAS	L	8811R	08P000C 08P000C 08P000C	071 011 011	CHANGE CHANGE CHANGE					
PRODUCTION NUMBER TOTAL				3898						

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

PCN	ITEM																		
00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000

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. Interchangeability and substitutability code. The code indicates whether a stock number item is a family master, subgroup master, etc., of a particular interchangeability 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.

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

RISP ENG ACC/SD BOM EXCEPTION WORKSHEET										01-ACC		01-ALD RI		A-G005M-093-QA-M83		PAGE 00001				
MATERIAL ANALYSIS																				
PNUM	MR	OPER	DOG	MOD	END	ITEM	QTY	AG	REQ	DE-IST	DT-LUA	END	37TH	NOYM						
444	2	70001	100	MEPAAA	000	F00040	H	4	83772	80187										
COMPONENT	DATE	C	E/T	QTR	REPL	%	COMPONENT ITEM ISSUES				H	A	ACC/	REMARKS #1						
STOCK NUMBER	ESTAB	C	PROD	HSET	LPA	STD	ACT	PLANNED	SHRDATE	ACTUAL	VAR	STACT	S	B	LNH					
1095000709718	82050	A	775	4	1	2	4	4		3						C	ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
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1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
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1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
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1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
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1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
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1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2	4	4		3							ACTUAL ISSUES	GREATER THAN	PLANNED	ISSUE
1095000709718	82050	A	775	4	1	2														

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	<ul style="list-style-type: none"> a. Heading Elements. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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 PRODUCTION REPORT 00-ALC 18 AUG 88 A-G005M-098-QA-MCD														PAGE	38	
STOCK NUMBER	S	D	PCN	OPER	UI	C	STD	REP	UPA	CUR	ISSUES	PRD	INVALID	DIRECT &	INVALID	OPER
										FR00	ACT	RATED	ISSUE	INDIRECT	REPL %	ERROR
4125000140294	A	82441A	00010	EA	A	60	1			1	0					
	A	84821A	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

PCN NUMBER	OPER NUMBER	COMPONENT NSN	ITEM NSN	C	UI	ROC	CUR ISSUE	REMARKS
00458A	00010	1338005318630		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00458A	00010	1338005318631		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00458A	00010	1338005318632		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00458A	00010	1420009420022AH		A	EA	MKPAAR	4	NOT POSTED UNMATCHED OPERATION
00458A	23083	1338005318634		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338002382282		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338001726913		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	5	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338005318633		X	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338005318634		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	1338005318635		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	13380011507281		X	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	1440010034351AH		A	EA	MKPAAR	4	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975002353355AH		A	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975004395275AH		A	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975004420821AH		A	EA	MKPAAR	2	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975007888285AH		A	EA	MKPAAR	6	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975011516870AH		A	EA	MKPCAY	1	NOT POSTED UNMATCHED OPERATION
00473A	00010	5975010480526AH		A	EA	MKPAAR	20	NOT POSTED UNMATCHED OPERATION
00473A	20050	5975054411039AH		A	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	28100	6185008198694AH		X	EA	MKPCAY	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000152054		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000152050		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000152061		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000762842		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000732843		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	32029	1338000732844		X	EA	MKPAAR	1	NOT POSTED UNMATCHED OPERATION
00473A	36100	6105008870395AH		R	EA	MKPCAY	15	NOT POSTED UNMATCHED OPERATION
00473A	36352	5215006880273		R	EA	MKPCAY	5	NOT POSTED UNMATCHED OPERATION
00473A	36352	52300032606681		B	EA	MKPCAY	5	NOT POSTED UNMATCHED OPERATION
00473A	36352	5980010489536AH		E	EA	MKPCAY	14	NOT POSTED UNMATCHED OPERATION
00473A	36702	6021004823407B		A	EA	MKPCAY	4	NOT POSTED UNMATCHED OPERATION
00473A	36452	1420009230313AH		A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001680990		A	EA	MKPCAY	50	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001680994		A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001680995		A	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001681030		A	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001681031		A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001680990		R	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001680991		A	EA	MKPCAY	15	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330001030091		R	EA	MKPCAY	2	NOT POSTED UNMATCHED OPERATION
00473A	36452	5330004089673AH		A	EA	MKPCAY	10	NOT POSTED UNMATCHED OPERATION
00473A	36452	5230005792916		A	EA	MKPCAY	45	NOT POSTED UNMATCHED OPERATION
00473A	36452	5230009230315AH		A	EA	MKPCAY	20	NOT POSTED UNMATCHED OPERATION
00473A	36452	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.

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

DD	REC	CD	PK	REPRICED	LIST	1 AUG 93	A-G005M-106-MA-M20	PKG	
DD	REC	CD	PK	QOS	DIR-MTL	DIR-MTL	DIR-MTL	DIR-MTL	TOTAL
DD	REC	CD	PK	QOS	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
MSR22	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	
MSR27	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	
MSR32	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	
FUP24	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	
MSR24	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	
MSR26	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	
MSR28	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	
MSR30	A	001148	70001	100	71,472.67	144,959.90	107,598.17	10,480,000.00	224,030.74
					71,472.67	144,959.90	107,598.17	10,480,000.00	
					TOTAL FUNDED	71,472.67	TOTAL UNFUNDED	222,507.54	

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

SUPPORTABILITY REPORT FOR PERIOD 13										AS OF 10 AUG 88		OO-ALC		A-G005M-151-BB-M53		PAGE 3	
ACC	SCH	DCC	END ITEM	SIMS	P REQ	P REQ	AVAIL	MIC	P REQ	P REQ	MGR	PRI					
NSN	NO	FAG	IDENTITY		1-2	3-4	ASSETS	DES	3	4	DES	PM					
NSN	NO	FAG	IDENTITY		1-2	3-4	ASSETS	DES	3	4	DES	PM					
1380000557741NT	70001	B T 2 EA E	0008 003	1.8	1.0	.0	83	2.3	.0	.0	0	0					
128000025887818W	70001	T T 3 EA E	0024 004	1.4	.0	.0	0	2.1	.0	.0	0	0					
1280000725833	70001	B H P EA A	0004 002	.2	.0	.2	100	.3	.0	.3	100	.0					
12800005875150WT	70001	B T 2 EA E	0001 003	.3	.0	.2	100	.3	.0	.3	100	.0					
12800008872712	70001	B N P EA A	0001 001	.1	.0	.1	100	.1	.0	.1	100	.0					
1377002380552	70001	I N 3 EA A	0003 006	1.8	.0	1.8	100	2.3	.0	.4	17	.0					
1377002380553	70001	L N 3 EA A	0001 005	.5	.0	.5	100	.7	.0	.7	100	.0					
1377002457870	70001	L N 3 EA A	0003 003	.8	.0	.8	100	1.2	.0	1.2	100	.0					
1377004122202	70001	B N 3 EA E	0002 008	1.0	.0	1.0	100	2.3	.0	2.3	100	.0					
1377004827334	70001	B N 3 EA A	0001 001	.1	.0	.1	100	.1	.0	.1	100	.0					
1377004827334	70001	B N 3 EA A	0002 001	.2	.0	.2	100	.3	.0	.3	100	.0					
1377009882592	70001	B N 3 EA A	0002 008	1.0	.0	1.0	100	2.3	.0	2.3	100	.0					
1377010170602	70001	I N 3 EA A	0004 001	.4	.0	.4	100	.5	.0	.5	100	.0					
1430K1202545AF		B T 2 EA D	TCTD KIT MATERIAL	SUPPLY BALANCE				0									
1430K1203051AF		B T 2 EA D	TCTD KIT MATERIAL	SUPPLY BALANCE				0									
1430K1203076AF		B T 2 EA D	TCTD KIT MATERIAL	SUPPLY BALANCE				0									
14300001883468F	70001	B N 3 EA A	0001 003	.3	.0	.3	100	.4	.0	.0	0	.0					
14300002081558F	70001	B T 2 EA E	0001 002	.2	.0	.0	0	.3	.0	.0	0	.0					
14300002123888F	70001	B P 3 EA A	0001 001	.1	.0	.1	100	.1	.0	.1	100	.0					

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.

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 DEV IM	PRECEDENCE ONE AND TWO					PCT > 75%	PRECEDENCE ONE THRU FOUR				TOTAL	PCT > 75%
		0-25%	26-50%	51-75%	76-100%	TOTAL		0-25%	26-50%	51-75%	76-100%		
FFZ INVESTMENT	5905	2			3	5	60	2	1	1	1	5	20
	5105	1			7	8	87	1	4		4	9	44
	5110				3	3	100				4	4	100
	5115	1				1		1				1	
	5130	3			2	4	50	2			3	5	60
	5140	1				1		1				1	
	5505	3			19	22	88	4	5	4	12	25	48
	5520	1				1		1				1	
FFZ INVESTMENT	TOTAL	11			34	45	75	12	10	5	24	41	47
FFZ EXPENSE	1550	2			5	7	71	3			3	5	60
	3010				2	2	100			1	1	2	100
	3020				20	20	100	2	5	3	25	44	79
	3040				28	30	100		2	2	25	29	88
	3100	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						888	1				1	
	5355				2	2	100				2	2	100
	5385				1	1	100				1	1	100
	NR80				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	<ul style="list-style-type: none"> a. Heading Elements. <ul style="list-style-type: none"> 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). <ul style="list-style-type: none"> 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). <ul style="list-style-type: none"> 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

EIM		OO-AIC E/I MGR NON SUPPORTABLE REPORT FOR PERIOD 23										AS OF 08/10/85		AIC A-G005M-157-BB-MMP		PAGE
SIMS PR4078	END ITEM IDENTITY 000F001RL	ACC MRPR	E E	E/I MNG SEQ	PROD AIC PNG	ROMTS P 1-2	SUPT MIC 1-2	DEPOT SUP 1-2	PCT SUP	ROMTS P 3-4	SUPT MIC 3-4	DEPOT SUP 3-4	PCT SUP	C	SRC SUP	
1505097545190		1.00	P 3	EA A	1	.0	.0	.0		1	.0	.0		C	FLZ	
1005010020001		1.00	P 3	EA A	1	.0	.0	.0		1	.0	.0			FLZ	
1270010488541MF		1.00	T 2	EA E	1	.1	.0	.0		3	.0	.0			FGZ	
1270010946072MF		1.00	T 2	EA E	1	.0	.0	.0		1	.0	.0			FGZ	
1270010947743MF 5		1.00	T 2	EA E	1	.0	.0	.0		1	.0	.0			FGZ	
1270010948505MF		1.00	T 2	EA E	1	.1	.0	.0		3	.0	.0			FGZ	
1270011022852MF		1.00	T 2	EA E	1	.1	.0	.0		3	.0	.0			FGZ	
1270011315706MF M		1.00	T 2	EA E	1	.1	.0	.0		2	.0	.0			FGZ	
1280010509288MF		1.00	T 2	EA E	2	.0	.0	.0		1	.0	.0			FGZ	
1280010516308MF M		1.00	T 2	EA E	3	.0	.0	.0		1	.0	.0			FGZ	
1280010960906MF M		1.00	T 3	EA E	1	.0	.0	.0		1	.0	.0			FGZ	
1280011008335MF		1.00	T 2	EA E	1	.1	.0	.0		4	.0	.0			FGZ	
1277010537822		1.00	N 3	EA A	1	.0	.0	.0		1	.0	.0			FGZ	

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

PCN GO-NOG PROD MGR NON-SUPPORTABLE REPORT FOR PCN:00 23 7.3 OF 10700 PLO A-G005M-158-BB-MMR

COMPONENT NAME	QTY REQD	UNIT REQD	PCN	DATE REQD																	
1000007515250	1.00	P	3	EA	A	1															
1000008000000	1.00	P	3	EA	A	1															
1000009000000	1.00	P	3	EA	F	1															
1000010000000	1.00	T	2	EA	E	1															
1000011000000	1.00	P	3	EA	E	1															
1000012000000	1.00	P	3	EA	E	1															
1000013000000	1.00	P	3	EA	E	1															
1000014000000	1.00	T	2	EA	E	1															
1000015000000	1.00	T	2	EA	E	1															
1000016000000	1.00	T	2	EA	E	2															
1000017000000	1.00	T	2	EA	E	2															
1000018000000	1.00	T	2	EA	E	1															
1000019000000	1.00	T	2	EA	E	1															
1000020000000	1.00	P	3	EA	A	1															
1000021000000	1.00	P	3	EA	A	1															
1000022000000	1.00	P	3	EA	A	1															
1000023000000	1.00	P	3	EA	A	1															
1000024000000	1.00	P	3	EA	A	1															
1000025000000	1.00	P	3	EA	A	1															
1000026000000	1.00	P	3	EA	A	1															
1000027000000	1.00	P	3	EA	A	1															
1000028000000	1.00	P	3	EA	A	1															
1000029000000	1.00	P	3	EA	A	1															
1000030000000	1.00	P	3	EA	A	1															
1000031000000	1.00	P	3	EA	A	1															
1000032000000	1.00	P	3	EA	A	1															
1000033000000	1.00	P	3	EA	A	1															
1000034000000	1.00	P	3	EA	A	1															
1000035000000	1.00	P	3	EA	A	1															
1000036000000	1.00	P	3	EA	A	1															
1000037000000	1.00	P	3	EA	A	1															
1000038000000	1.00	P	3	EA	A	1															
1000039000000	1.00	P	3	EA	A	1															
1000040000000	1.00	P	3	EA	A	1															
1000041000000	1.00	P	3	EA	A	1															
1000042000000	1.00	P	3	EA	A	1															
1000043000000	1.00	P	3	EA	A	1															
1000044000000	1.00	P	3	EA	A	1															
1000045000000	1.00	P	3	EA	A	1															
1000046000000	1.00	P	3	EA	A	1															
1000047000000	1.00	P	3	EA	A	1															
1000048000000	1.00	P	3	EA	A	1															
1000049000000	1.00	P	3	EA	A	1															
1000050000000	1.00	P	3	EA	A	1															
1000051000000	1.00	P	3	EA	A	1															
1000052000000	1.00	P	3	EA	A	1															
1000053000000	1.00	P	3	EA	A	1															
1000054000000	1.00	P	3	EA	A	1															
1000055000000	1.00	P	3	EA	A	1															
1000056000000	1.00	P	3	EA	A	1															
1000057000000	1.00	P	3	EA	A	1															
1000058000000	1.00	P	3	EA	A	1															
1000059000000	1.00	P	3	EA	A	1															
1000060000000	1.00	P	3	EA	A	1															
1000061000000	1.00	P	3	EA	A	1															
1000062000000	1.00	P	3	EA	A	1															
1000063000000	1.00	P	3	EA	A	1															
1000064000000	1.00	P	3	EA	A	1															
1000065000000	1.00	P	3	EA	A	1															
1000066000000	1.00	P	3	EA	A	1															
1000067000000	1.00	P	3	EA	A	1															
1000068000000	1.00	P	3	EA	A	1															
1000069000000	1.00	P	3	EA	A	1															
1000070000000	1.00	P	3	EA	A	1															
1000071000000	1.00	P	3	EA	A	1															
1000072000000	1.00	P	3	EA	A	1															
1000073000000	1.00	P	3	EA	A	1															
1000074000000	1.00	P	3	EA	A	1															
1000075000000	1.00	P	3	EA	A	1															
1000076000000	1.00	P	3	EA	A	1															
1000077000000	1.00	P	3	EA	A	1															
1000078000000	1.00	P	3	EA	A	1															
1000079000000	1.00	P	3	EA	A	1															
1000080000000	1.00	P	3	EA	A	1															
1000081000000	1.00	P	3	EA	A	1															
1000082000000	1.00	P	3	EA	A	1															
1000083000000	1.00	P	3	EA	A	1															
1000084000000	1.00	P	3	EA	A	1															
1000085000000	1.00	P	3	EA	A	1															
1000086000000	1.00	P	3	EA	A	1															
1000087000000	1.00	P	3	EA	A	1															
1000088000000	1.00	P	3	EA	A	1															
1000089000000	1.00	P	3	EA	A	1															
1000090000000	1.00	P	3	EA	A	1															
1000091000000	1.00	P	3	EA	A	1															
1000092000000	1.00	P	3	EA	A	1															
1000093000000	1.00	P	3	EA	A	1															
1000094000000	1.00	P	3	EA	A	1															
1000095000000	1.00	P	3	EA	A	1															
1000096000000	1.00	P	3	EA	A	1															
1000097000000	1.00	P	3	EA	A	1															
1000098000000	1.00	P	3	EA	A	1															
1000099000000	1.00	P	3	EA	A	1															
1000100000000	1.00	P	3	EA	A	1															

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.

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	<ol style="list-style-type: none">a. Heading Elements<ol style="list-style-type: none">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.<ol style="list-style-type: none">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.

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 expeditors 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

DSSD/AA	DO-ALC	DEPOT	SUPPLY	SHORTAGE	LIST	FOR	PERIOD	23	AS	OF	10	AUG	88	A-G005M-203-BB-056	PAGE	3
COMPONENT HSN	E P R S	SPD ITEM IDENTITY	EE ALC	PRI REQ	1-2 SHORT	MIC DES	DOCUMENT NUMBER	D/O QTY	FR BT	DATE POST	SS/ IM	DOCUMENT NUMBER	D/O QTY	JOB ORDER NR	OPR NR	DMD SUF
							FR302900281225	3	12	BP	5213	FLZ				
							FR302901870024	24	08			FLZ				
							FR302901870024	24	08	BP	5197	FLZ				
							FR302901820541	2	03			FLZ				
							FR302901820541	2	03	BB	5195	FLZ				
							FR302902050532	5	03			FLZ				
							FR302902050532	5	03	BB	0211	FLZ				
							FR302902170765	10	03			FLZ				
												WPC8581921183	2	74866A64	00010	
												WPC8582091332	5	62865A64	00010	
												WPC8582171602	10	74866A64	00010	
100500282929	T 2	1005005287137	WR	5.0	5	MON	FR3029022820881	2	12			FLZ				
							FR3029022820881	2	12	RR	6181	FLZ				
							FR3029033820881	3	12	RR	6182	FLZ				
							FR3029050335653	10	08			FLZ				
							FR3029050335653	10	08	BP	6187	FLZ				
							FR3029061626922	3	08			FLZ				
							FR3029061626922	3	08	BP	6187	FLZ				
100500278718	3UB						FR3029062820880	10	02			FLZ				
							FR3029062820880	10	02	BP	6187	FLZ				
												WPC8582129235	10			SUAD0
1005002818412	P 3	1005010429740	WR	8.0	1	MON	FR302901041098	1	12			FLZ				
							FR302901041098	1	12	SS	5209	FLZ				
							FR302901041098	1	12	BP	6182	FLZ				
100500278718	T 2	1005001866968	WR	.9	1	MON	FR302903020702	2	02			FLZ				
							FR302903020702	4	02	BP	6182	FLZ				
							FR3029051780327	3	02			FLZ				
							FR3029051780327	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.

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

PRODUCTION MATERIAL SHORTAGE LIST FOR PERIOD 23 DD-ALC AS OF 10 JULY 88											A-005M-218-BB-M40				PAGE 1						
PROD MGR	END ITEM IDENTIFY	E/I MGR	PROD NUMBER	OPER NUMBER	E/I ALC	ACC MGR	SCH DES	COMPONENT MSN/NG/MWC	DS MGR	PRECED 1-2 QTY-SHORT	PRECED 3-4 QTY-SHORT	MIC DES	I-S CODE	DO-NOT SUB	DOC-EM DOCUMENT-NO	DOC QTY	PRY	ST	EDD	SOS	REMARKS
000F00040			001388	79107	00					1	0	HPP									
5945007723879		HK													F0202901700722	5	12		6207	SBC	
															F0202901700729	6	12	AC	6307	SBC	
															F0202902041368	6	12		6338	SBC	
															F0202902041368	8	12	BB	6735	SBC	
5945007723879		HK																			
5945007723879		HK													F0202902041368	2	12		6032	SBC	
															F0202902041368	2	12	BB	6083	SBC	
															F0202902041368	8	12	BB	6101	SBC	
															F0202902041368	0	12	BB	6101	SBC	
															F0202902041368	0	12	BB	6147	SBC	
															F0202902041368	5	12	BB	6117	SBC	
															F0202902041368	11	12		6180	SBC	
															F0202902041368	11	12	BB	6180	SBC	
															F0202902041368	9	12		6193	SBC	
															F0202902041368	3	12	BB	6193	SBC	
															F0202902041368	4	12		6196	SBC	
															F0202902041368	7	12	AC	6220	SBC	
															F0202902041368	3	12		6240	SBC	
5945007723879		HK																			
5945007723879		HK													F0202902041368	11	12		6240	SBC	

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

COMMON ITEM LISTING FOR PERIOD 23				10 AUG 88		A-G005M-300-BB-M59		PAGE	
COMPONENT NSN	MIC DESG	CLERK CODE	END ITEM IDENTITY	RCC	SCH DES	PROD NUMBER	OPR NR	REQUIREMENTS 1-2	REQUIREMENTS 3-4
1005001116EF	HH	EU	1005006336434	PNPBBH	H	02910A	00010	1	7-7
	HH	EU	1005009230438	PNPBBH	H	74911A	00010	1.0	7-6
TOTAL REQUIRED----->								1.4	15.2

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

MAKE	MATERIAL ESTIMATED COST REPORT RESP ENG UNQ MARKS	AS OF 01 AUG 88	A-G005M-301-MA-M26	PAGE 1	
RCG	PROD NR	OPEN NR	EXP COST M26 A	INV COST M26 E	TOTAL COST
MPCAL	15762A	00010	30.00	.00	30.00
MPCAL	15768A	00010	30.00	.00	30.00
MPCAL	15767A	00010	30.00	.00	30.00
MPCAL	15773A	00010	30.00	.00	30.00
MPCAL	15782A	00010	30.00	.00	30.00

Table 4.32. Expense Sales Price Variance

TITLE EXPENSE SALES PRICE VARIANCE
PCN A-G005M-405-MG-MJC
PREPARATION 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

MEMO		EXPENSE SALES PRICE VARIANCE REPORT		30 JUL 80		A-G005M-405-MG-MJC		PAGE 2							
PKG NO	OFFER	END ITEM	BASE			REPLC			VARIANCE						
15138A	00610	1690003008731	QTY	SALES PRICE	EXP STD	QTY	SALES PRICE	EXP STD	DIFF	PERCENT					
			871	89	2,500.06	405	41	2,500.00	25,000.80	105 1					
MEMO			BASE INFO			REPLC INFO			NET DIFF						
MEMO	OFFER	DATE	C/C	OCC	UPA	REP	UNIT PRICE	EXP STD	C/C	OCC	UPA	REP	UNIT PRICE	EXP STD	NET DIFF
1620001257130	MNRPK	70045	A	001	079		1.10	.87	A	100	001	100	1.10	1.10	.23
163000181117	MNRPK	81171		000	000		.00	.00					.00	.00	.00
163000181141	MNRPK	81182	A	028	003		1.57	1.18	A	100	025	061	1.57	1.57	.39
163000181775	MNRPK	70018	A	000	100		3.29	15.83	A	100	000	100	3.29	3.29	.00
1630001810603	MNRPK	81118	A	000	004		67.52	24.31	A	100	000	067	67.52	43.54	24.00
1630001817889	MNRPK	18023	A	000	001		17.98	1.56	A	100	000	061	17.26	1.56	16.70
1630001811017	MNRPK	81366	A	001	039		34.29	21.17	A	100	001	100	34.29	34.29	.00
1630001810010	MNRPK	81125	A	001	005		18.82	.99	A	100	001	065	18.82	18.82	.00
1630001815945	MNRPK	81171		000	000		1.50	.00	A	100	004	100	1.50	1.50	.00
1630001811200	MNRPK	80000		000	000		2,402.17	.00	E	100	001	067	2,402.17	2,402.17	.00
1630001811807	MNRPK	81385		001	001		2,426.72	24.00	E	100	001	061	2,426.72	2,426.72	.00
1630001810838	MNRPK	81044	A	001	013		.30	.03	A	100	001	067	.30	.30	.00
2840000181282	MNRPK	81051	A	001	004		3.88	3.68	A	100	001	064	3.88	3.88	.00

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

00 ALC		EXPENSE SALES PRICE MATERIAL VARIANCE REPORT										30 JUL 88		A-G005M-406-MG-MIE		PAGE 2	
PROD NR	END ITEM	QTY	REASON	OPERATION	PLANNER												
00458A	01RMO020F	0		00051	MAINTAL												
BASE LINE		CURRENT			VARIANCE												
NSN	UPA REP	SLP	TOTAL	UPA REP	SLP	TOTAL	WARRANT	INFLATION	IMP %	STANDARD	STY %						
5000008783408AH	1 57	15 20		1 52	10 20	8 43											
5805000837738AH	1 2	101 80	3 23	1 2	153 80	3 23	.81	.00	.0	.00	100.0						
0635004928007AH	1 3	191 15	5 79	1 8	88 14	5 73	.80	.00	.0	.00	100.0						

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

PROD NR	END ITEM	NOUN	RCC	QTY	VARIANCE	TOTAL VAR	INFLATION	INF%	STANDARD	STD %
00458A	01G00030F		MKFSBR		16313.23-	.00	.00	.0	.00	100.0
00473A	01G00030G		MKFSBS		993.95	.00	.00	.0	.00	100.0
00910A	4320008070518AH	PUMP, RECIPROCATING	MKPEBC	30	4.87-	149.10-	.00	.0	149.10-	100.0
00545A	4320008215897AH	PUMP UNIT, CENTRIFUG	MKPEBC	12	.00	.00	.00	.0	.00	100.0
00688A	1450007581800AH	MOIST ASSEMBLY, MTR	MKPEBA	9	122.23-	1100.07-	1.19-	.1	1107.87-	99.9
00584A	145000703686AH	MOISTING UNIT, RE-EN	MKPEBC	5	.00	.00	.00	.0	.00	100.0
00592A	4330007837972AH	PUMP UNIT, CENTRIFUG	MKPEBC	5	2.09	10.25	1.59	15.5	8.66	84.5
00613A	1450000858378AH	HEATER ASSEMBLY, SEM	MKPEBA	1	60.27-	60.27-	.00	.0	60.27-	100.0
00615A	35100080717672AH	ACTUATOR, ARRY, FTR	MKPEBA	14	1174.52	17017.00	211.41	1.2	17408.39	88.2
00618A	145000803448F	LEVELING JACKS	MKPEBC	4	.00	.00	.00	.0	.00	100.0
13278A	156000803448F	LEVELING JACKS	MKPEBC	4	.00	.00	.00	.0	.00	100.0
13279A	15600073931748F	RUDDER, AIRCRAFT	MNPSBJ	137	182.50	25012.48	275.14	1.1	24738.32	98.9
13281A	15600073531756F	SPOILER, LH WING, D	MNPSBL	78	7.48	583.46	18.67	3.2	584.77	98.2
13282A	15600074447278F	SPOILER, RH WING, D	MNPSBL	90	11.08	997.20	.00	.0	997.20	100.0
13291A	15600080026578F	STABILATOR ASSEMBLY	MNPSBH	172	41.54	7144.88	7.14	.1	7127.74	98.9
13293A	15600085907716F	DOOR, ACCESS	MNPSBC	2	.00	.00	.00	.0	.00	100.0
13294A	15600085907732F	DOOR, ACCESS	MNPSBC	12	519.48-	6233.75-	.00	.0	5233.75-	100.0
13295A	15600085907788F	STRUCTURE ASSEMBLY	MNPSBA	12	199.27	2391.24	85.08	3.6	3305.16	96.4
13296A	15600085907776F	STRUCTURE ASSEMBLY	MNPSBA	92	49.46	4847.08	.00	.0	4847.08	100.0
13305A	15600022654022F	FLAP, WING DIV, BRK	MNPSBL	99	15.62-	1548.38-	8.77-	.8	1537.11-	99.4
13306A	15600022654032F	FLAP, WING DIV, BRK	MNPSBL	48	8.00	384.00	5.88	1.0	392.12	98.4
13308A	15600042342822F	LEADING EDGE, CENTER	MNPSBA	87	25.30-	1705.00-	27.08-	2.1	1727.04	97.9
13309A	15600042342942F	LEADING EDGE, CENTER	MNPSBA	89	387.18-	30244.00-	1812.08-	7.8	21421.52-	92.2
13344A	15600087891242F	DOOR, ACCESS	MNPSBA	25	47.02-	46825.88	4287.32	2.1	42625.39	90.8
13365A	15600087891222F	DOOR, SS	MNPSBC	43	7.23	312.81	.00	.0	312.81	100.0
13439A	15600001315208F	DOOR, ACCESS	MNPSBC	1	224.38	224.38	.00	.0	224.38	100.0
13447A	35195005107823	TIGHTENING BRG, MIAL	MNPSBL	167	.00	.00	.00	.0	.00	100.0
13526A	15600076056028F	BELLOWS, FEEL TRIM	MNPSBL	16	.00	.00	.00	.0	.00	100.0
13572A	15600076056028F	BELLOWS, FEEL TRIM	MNPSBL	16	.00	.00	.00	.0	.00	100.0
13589A	15600076056028F	BELLOWS, FEEL TRIM	MNPSBL	16	4.89	78.24	.00	.0	78.24	100.0
13611A	15600001315208F	DOOR, ACCESS	MNPSBC	34	.00	.00	.00	.0	.00	100.0
13709A	15600044452022F	RAMP ASSEMBLY, VARIA	MNPSBL	11	595.38-	.00	.00	.0	.00	100.0
13723A	15600044452022F	RAMP ASSEMBLY, VARIA	MNPSBL	11	4.81	50.71	.15	.3	50.56	98.7
13725A	15600044452022F	RAMP ASSEMBLY, VARIA	MNPSBL	17	44.60-	758.20-	8.34-	1.1	743.86-	98.9
13732A	15600087473388F	DOOR, ACCESS	MNPSBC	30	2.22	66.60	10.18-	15.3	59.47-	84.7
13819A	15600025189208F	DOOR, ACCESS	MNPSBC	1	1.72-	1.72-	.00	.0	1.72-	100.0
13814A	15600025189208F	DOOR, ACCESS	MNPSBC	1	84.07	84.07	.00	.0	84.07	100.0
13816A	15600024661648F	FLAP, WING LANDING	MNPSBL	186	174.06	.00	.00	.0	.00	100.0
13822A	15600078839418F	RING ASSEMBLY, BELL	MNPSBL	268	0.42-	109.95-	.00	.0	109.95-	100.0
13828A	15600079068738F	RING ASSEMBLY, BELL	MNPSBL	274	15.08	4093.86	38.05	.9	3955.81	98.1
14084A	1450000808952AH	CYLINDER ASSEMBLY, A	MNPSBJ	2	.00	95.00-	88-	1.0	94.00-	99.0
14311A	15600025189208F	DOOR, LANDING GEAR, A	MNPSBC	72	28.00	2016.00	.00	.0	2016.00	100.0
14313A	15600048448428F	DOOR, LANDING GEAR, A	MNPSBC	102	5.58-	571.88-	.00	.0	571.88-	100.0
14423A	1560009324218F	DOOR, LANDING GEAR, A	MNPSBC	102	2.82-	287.84-	12.07-	24.2	226.71-	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	<ol style="list-style-type: none"> a. Heading Elements. <ol style="list-style-type: none"> 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. <ol style="list-style-type: none"> 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

EXPENSE SALES PRICE VARIANCE REPORT BY RCC											
20 JUL 85 A-G006M-408-MG-MIG PAGE 1											
RCC	PROD NR	END ITEM	DESC	RCC	QTY	VARIANCE	TOTAL VAR	INFLATION	INF%	STANDARD	STD %
MCLAAA	18051A	8885001159002YD	INDICATOR, VACUUM	MCLAAA	6	48.00-	288.00-	.00	.0	294.00-	100.0
MCLAAA	18128A	8780008810029	REPAIR KIT, CAMERA	MCLAAA	2	.00	.00	.00	.0	.00	100.0
MCLAAA	18885A	8605010081573	CONSOLE MONITOR	MCLAAA	33	41.78	1378.74	4.19	.3	1374.61	99.7
MCLAAA	18898A	8605010081574	CONSOLE MONITOR	MCLAAA	16	100.78	1612.68	30.74	1.6	1580.94	98.4
MCLAAA	18708A	8780008813829	REPAIR KIT, CAMERA	MCLAAA	1	.00	.00	.00	.0	.00	100.0
MCLAAA	18206A	8605007850318	POWER SUPPLY	MCLAAA	8	.00	.00	.00	.0	.00	100.0
MCLAAA	18235A	4230004038284B	ALIGNM-123	MCLAAA	14	52.75	738.50	.00	.0	738.50	100.0
MCLAAA	19492A	8605007734533	ALIGNMENT EQUIPMENT	MCLAAA	1	.50	.50	.00	.0	.50	100.0
MCLAAA	20655A	8515008117000AH	THEODOLITE, SURVEYIN	MCLAAA	8	.00	.00	.00	.0	.00	100.0
MCLAAA	41304A	4230001088305BT	SLIPRING UNIT, HYDRAU	MCLAAA	12	8.32	99.84	301.78	378.8	331.38	379.8
MCLAAA	88772A	8605007734532	AMPLIFIER, ELECTRONI	MCLAAA	1	246.87-	246.87-	10.28-	4.2	236.59-	85.8
MCLAAA	82438A	41180001333178F	COMPRESSOR BELVDRAU	MCLAAA	3	.00	.00	.00	.0	.00	100.0
MCLAAA	82441A	4230007848888BF	PUMPING UNIT, HYDRAU	MCLAAA	8	.24-	2.72-	.00-	.0	2.72-	100.0
MCLAAA	84828A	4230005880348F	PUMP AXIAL PISTONS	MCLAAA	4	1.14-	4.56-	.00-	.0	4.56-	100.0
MCLAAA	88931A	4230002712018F	PUMPING UNIT, HYDRAU	MCLAAA	38	.11	3.98	.00	.0	3.98	100.0
TOTAL BY RCC						100.51-	3682.11	320.30	3.2	2235.81	80.8
MKLEEE	18298A	8825001426363NF	TEST SET, RADAR	MKLEEE	8	.00	.00	.00	.0	.00	100.0
MKLEEE	18384A	423500182421AB	CIRCUIT CARD ASSEMB	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	17819A	88250105549128F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	17821A	88250105549148F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	17822A	88250105549168F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	17823A	88250105549188F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	18424A	402500281102AB	CIRCUIT CARD ASSEMB	MKLEEE	3	.00	.00	.00	.0	.00	100.0
MKLEEE	18882A	8825008381181AB	CIRCUIT CARD	MKLEEE	3	2.88-	8.64-	.00	.0	8.64-	100.0
MKLEEE	18784A	4025001478188AB	CIRCUIT CARD ASSEMB	MKLEEE	10	1.24-	12.40-	.00	.0	12.40-	100.0
MKLEEE	18885A	88250014263538F	TEST SET, RADAR	MKLEEE	1	40.00	40.00	.00	.0	40.00	100.0
MKLEEE	18888A	88250103900708F	AN/APM383 TS	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	19215A	4025001482403AB	RELAY CARD	MKLEEE	1	1.22	1.22	.00	.0	1.22	100.0
MKLEEE	19384A	48000108887188F	ANTI BRN 13	MKLEEE	8	1.93-	15.44-	.00	.0	15.44-	100.0
MKLEEE	20706A	8780002471550	TEST SET, ELECTRONIC	MKLEEE	26	.00	.00	.00	.0	.00	100.0
MKLEEE	50031A	5815008784178AH	NETWORK, PHASE CHANG	MKLEEE	14	403.01-	5642.14-	1618.98-	38.7	4022.85-	71.3
MKLEEE	50048A	45050011683088F	TEST SET, RADIO FREQ	MKLEEE	13	2.02	26.26	.00	.0	26.26	100.0
MKLEEE	61272A	8865008680072	DETECTING SET, HERR	MKLEEE	2	81.78	163.56	441.88	188.4	144.31-	88.4
MKLEEE	61285A	184980141810AB	CIRCUIT CARD ASSEMB	MKLEEE	18	18.54	333.72	.00	.0	333.72	100.0
MKLEEE	62569A	8865005810220	RADAR SET	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62437A	88650102107128F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62828A	88650102107138F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62838A	88650102107148F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62839A	88650102107158F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62840A	88650102107168F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62841A	88650102107178F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62842A	88650102107188F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62843A	88650102107198F	CIRCUIT CARD	MKLEEE	1	.00	.00	.00	.0	.00	100.0
MKLEEE	62844A	88650102107208F	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

LINE	QTY	SALES PRICE	UNIT PRICE	ORDERED	STOCK NUMBER	UNIT PRICE	SUBSTITUTE	STOCK NUMBER	UNIT PRICE	VAR/UNIT	QTY	TOTAL VARIANCE
1	1000	10.00	10.00	1000	10000000000000	10.00	10000000000000	10.00	10.00	0.00	1000	0.00
2	1000	10.00	10.00	1000	10000000000000	10.00	10000000000000	10.00	10.00	0.00	1000	0.00
3	1000	10.00	10.00	1000	10000000000000	10.00	10000000000000	10.00	10.00	0.00	1000	0.00
4	1000	10.00	10.00	1000	10000000000000	10.00	10000000000000	10.00	10.00	0.00	1000	0.00

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

NRPA44		QUARTERLY BOM EXCEPTION REPORT PART 1 BY RCC/PRDD NR			AS OF 27 AUG 85	A-G005M-411-QA-M83		PAGE
PRDD NR	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	PSF ACCOUNTABLE	PSF INACCURATE	% ACCURATE	
4444C	400	178	22	75	250	74	70	
NRPA44	400	175	25	75	250	74	70	
NRPA4	400	175	25	75	250	74	70	
MEPA	400	178	22	75	250	74	70	
MR	400	175	25	75	250	74	70	
MA	400	175	25	75	250	74	70	

Figure 4.43. A-G005M-412-QA-M83 - Qtrly BOM Exception Rpt by RCC/Div

NRPA44		QUARTERLY BOM EXCEPTION REPORT PART 1 BY RCC/PRDD NR			AS OF 27 AUG 85	A-G005M-411-QA-M83		PAGE
PRDD NR	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	PSF ACCOUNTABLE	PSF INACCURATE	% ACCURATE	
4444C	400	178	22	75	250	74	70	
NRPA44	400	175	25	75	250	74	70	
NRPA4	400	175	25	75	250	74	70	
MEPA	400	178	22	75	250	74	70	
MR	400	175	25	75	250	74	70	
MA	400	175	25	75	250	74	70	

Figure 4.44. A-G005M-413-QA-M84 - Qtrly BOM Exception Rpt by Planner/Production Number

NR412D		QUARTERLY BOM EXCEPTION REPORT PART 3 BY PLANNER/PRDD NR			AS OF 27 AUG 85	A-G005M-413-QA-M84		PAGE
PRDD NR	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	PSF ACCOUNTABLE	PSF INACCURATE	% ACCURATE	
4444C	400	175	25	75	250	74	70	
NR412D	400	175	25	75	250	74	70	
NR412	400	175	25	75	250	74	70	
MR	400	175	25	75	250	74	70	
MA	400	175	25	75	250	74	70	

Figure 4.45. A-G005M-414-QA-M84 - Qrtly BOM Exception Rpt by Planner/Division.

PLANNER	QUARTERLY BOM EXCEPTION REPORT PART 4 BY PLANNER/DIVISION			25 OF 27 AUG 93		A-G005M-414-QA-M84		PAGE
	TOTAL RECORDS	PLANNER ACCOUNTABLE	PLANNER INACCURATE	% ACCURATE	PSF ACCOUNTABLE	PSF INACCURATE	% ACCURATE	
MAFEB	400	176	40	76	130	74	70	
MAE	400	176	40	76	130	74	70	
MA	400	176	40	76	130	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	AMOUNT	ASSETS
001	001	001	001	001
002	002	002	002	002
003	003	003	003	003
004	004	004	004	004
005	005	005	005	005
006	006	006	006	006
007	007	007	007	007
008	008	008	008	008
009	009	009	009	009
010	010	010	010	010
011	011	011	011	011
012	012	012	012	012
013	013	013	013	013
014	014	014	014	014
015	015	015	015	015
016	016	016	016	016
017	017	017	017	017
018	018	018	018	018
019	019	019	019	019
020	020	020	020	020
021	021	021	021	021
022	022	022	022	022
023	023	023	023	023
024	024	024	024	024
025	025	025	025	025
026	026	026	026	026
027	027	027	027	027
028	028	028	028	028
029	029	029	029	029
030	030	030	030	030

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 TEL 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
-----
AM30702-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-UIO-CHANGE   |  QUERY | 07/11/90 |          | CHG G005M UNIT OF ISSUE TBL
MM-UIO-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 EI-PDN-OPER PDN-OPER	ESTIMATED COST JOIN TO OTHER TABLES EI PDN 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	REPAIR GROUP
		CATEGORY	
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

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 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-MBT		PAGE 1
RESP ENG ORG MAREKL						
RCC	PROD NR	OPER NR	EXP COST MCC A	INV COST MCC B	TOTAL COST	
MAREKL	69756A	00010	75.00	.00	75.00	
TOTAL COST FOR MAREKL					75.00	

Figure 6.4. Option 2: BOM with catalog data by PDN

```
MMIRQ3BBOM WITH CATALOG DATA BY PDN

PDN      E1-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  NI  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      E1-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 UTILN USAGE DATA BY PDN

PROD NR = 17714A    ENGR = MANETK
OPER  OCC  RCC  PRD-C  PRD-1  PRD-2  PRD-3  PRD-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

```

MMIRQ3EBOM 41TH CATALOG DATA BY PDN

PDN    EL-IDENTITY    ENGR    OPER  OCC  RCC  DATE EST  DATE LA
17714A 1620010364299    MANETK  00010 100  I      90194    91190

COMP STOCK NR    RCC  ED UP STD  C M V NI UI E P A C SoS I  COST/AVG DT-ES DT-LA
-----
1620010388960  MWTC H K  1 100 A D  QQ EA N 3 D 7 PGE 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
1620010366960	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-ENCR	DATE-ESTAB	DATE-USC-ANAL	RCC	TOTAL
00510A	MANKET	67209	91190	I	31
16316A	MANKET	81334	92007	I	145
19869A	MANKET	83034	91280	I	1
19923A	MANKET	91196	0	I	0
19934A	MANKET	82303	91097	I	47
20432A	MANKET	87202	92007	I	6
21069A	MANKET	91175	0	I	12
24333A	MANKET	91336	0	I	2
26221A	MANKET	90115	91280	I	275
28066A	MANKET	90087	92007	I	4
57781A	MANKET	74313	91280	I	56
61472A	MANKET	76073	91190	I	94
62209A	MANKET	81196	91280	I	8
62438A	MANKET	89298	91280	I	4
62454A	MANKET	89137	91097	I	16
63513A	MANKET	80228	91190	I	11
65514A	MANKET	88264	91190	I	32
66393A	MANKET	91277	0	I	8
69328A	MANKET	82309	91190	I	16
69641A	MANKET	83181	91190	I	11
69728A	MANKET	83215	91190	I	22
71621A	MANKET	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 ECC	C	NS	UP	STD	ACT	UNIT-PRICE	T-ISS
00510A	00010	1450010349671	EA MKDEAC	A	1		4	6	498.18	2
00510A	00010	1450010350584	EA MKDEAC	A	2	1	4	6	393.09	2
00510A	00010	4320011338038	EA MKDEAC	A	1		0	0	847.25	0
00510A	00010	4820008339302	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	3020005627850AM	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	3130005627853AM	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										
PDM-NR	OPER	COMP-STOCK-NR	UI	RCC	CNS	UP	STD	ACT	UNIT-PRICE	T-188
16316A	00010	3020009027295	PT	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	5305000946649	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	BA	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	5305000946649	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 /OUT OF BOUNDS / COMPONENTS

PDM-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

PDM-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										
FDN-NR	OPER	COMP-STOCK-NR	UI	ROC	CMS	UP	STD	ACT	UNIT-PRICE	T-ISS
15988A	00010	31200006629299	EA	MNTCHN	A2	1	20	16	13.80	30
17552A	00010	30400000056639	EA	MNTCHN	A2	1	3	2	125.70	3
17552A	00010	53300000553497	EA	MNTCHN	A2	1	73	94	36.14	172
17575A	MCI63	48100023992421E	EA	MNTCHN	A1	1	28	10	714.75	3
17605A	00010	5365001581358	EA	MNTCHN	A2	1	25	0	.98	2
17605A	00010	5330010418294	EA	MNTCHN	A2	2	50	200	1.11	24
17605A	00010	53300104222816	EA	MNTCHN	A2	1	100	200	1.78	12
17605A	00010	1620010405020	EA	MNTCHN	A2	1	5	0	125.76	0
17605A	00010	1620010405021	EA	MNTCHN	A2	1	5	0	55.76	0
17605A	00010	1620010405019	EA	MNTCHN	A2	1	50	0	89.59	1
17605A	00010	1620010406926	EA	MNTCHN	A2	1	25	0	183.40	0
17605A	00010	1620010406927	EA	MNTCHN	A2	1	25	0	194.17	0
17605A	00010	1620010406928	EA	MNTCHN	A2	1	5	0	116.80	0
17605A	00010	1620010406929	EA	MNTCHN	A2	1	5	0	258.96	0
17605A	00010	1620010406930	EA	MNTCHN	A2	1	5	0	36.54	0
17605A	00010	1620010408455	EA	MNTCHN	A2	1	5	0	22.41	0
17605A	00010	31100013880466	EA	MNTCHN	A2	1	25	0	.22	0
17605A	00010	3120010434384	EA	MNTCHN	A2	1	25	0	116.82	0
17605A	00010	4730001694233	EA	MNTCHN	A2	1	50	0	4.13	0
17605A	00010	4820010457684	EA	MNTCHN	A1	1	100	0	136.71	6
17605A	00010	16500106892641E	EA	MNTCHN	A2	1	25	34	35.86	2
17605A	00010	4330004215839	EA	MNTCHN	A2	1	90	100	4.15	6
17605A	00010	31200047091491E	EA	MNTCHN	A2	2	30	108	32.48	13
17605A	00010	53300104298641M	EA	MNTCHN	A2	1	100	234	1.17	14
17605A	00010	16500106819291E	EA	MNTCHN	A2	1	100	34	.67	2
17631A	00010	1620010322950	EA	MNTCHN	A2	1	5	0	119.73	0
17631A	00010	1620010364319	EA	MNTCHN	A2	1	15	12	910.29	11
17631A	00010	1620011603002	EA	MNTCHN	A2	1	34	26	88.32	20
17631A	00010	5310010122182	EA	MNTCHN	A2	1	5	0	49.90	0
17631A	00010	5320010126839	EA	MNTCHN	A2	1	5	0	3.66	0
17631A	00010	5365010134602	EA	MNTCHN	A2	1	5	4	88.08	2
17631A	00010	99050006994811E	EA	MNTCHN	A2	1	5	0	.45	0
19542A	HR010	5340002003747		MNTCHN	2	2	20	0	.00	0
19838A	00010	16800074191841E	EA	MNTCHN	A1	1	5	0	166.43	0
19838A	00010	1620000769595	EA	MNTCHN	A2	1	5	0	.00	0
19838A	00010	1620000680255	EA	MNTCHN	A2	1	40	30	1.74	40

Figure 6.16. Option 1: Non Supportable Components

NON-SUPPORTABLE COMPONENTS

```

PROD NR = 17552A  ENGR = MARKET
OPER OCC EGC 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  UFA STD ACT U N ISS-C ISS-1 ISS-2 ISS-3 ISS-4 ISS-5 ISS-6 ISS-7
-----
3040000054639  1  3  2  2  0  0  1  0  0  2  0  0
5390000553437  1 73 95  2 37  5 55 11  7 36 22  9
    
```

Figure 6.17. Option 2: Indirect Material Components

INDIRECT MATERIAL COMPONENTS

```

PROD NR = 16316A  ENGR = MARKET
OPER OCC EGC 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  UFA 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  0
3110001899175  1  0  0  0  0  0  0  0  0  0  0  0
5305000526917  4  0  0  0  0  0  0  0  0  0  0  0
5305000546649  2  0  0  0  0  0  0  0  0  0  0  0
    
```

Figure 6.18. Option 3: Usage Recommended Changes

USAGE RECOMMENDED CHANGES

PROC NR = 16316A ENGR = MAKEET

OPER	QCC	RGC	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
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
5307011038651AM	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   ENCR = MAKEBT
OPER  OCC RGC 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
-----
3020005627850AM 1  0    0      0  0  0  0  0  0  0  0  0
3020009027295   1  0    0      0  0  0  0  0  0  0  0  0
3020002671886   1  0    0      0  0  0  0  0  0  0  0  0
3020004750050AM 1  3    3      0  0  0  0  0  0  0  1  2
3020004749242AM 2  2    2      0  1  0  0  0  0  0  1  2
3020010456394   2  0    0      0  0  0  0  0  0  0  0  0
3020011228580AM 3  50   1      0  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  0
3020011046547AM 1  0    0      0  0  0  0  0  0  0  0  0
3020011082344AM 1  0    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  0
    
```

Figure 6.20. Option 5: Out of Bounds Components

```

OUT OF BOUNDS - COMPONENT

PROD NR = 16316A   ENCR = MAKEBT
OPER  OCC RGC PRD-C   PRD-1   PRD-2   PRD-3   PRD-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
-----
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 EMGR = MAKEET

OPER	OCC	RGC	PRD-C	PRD-1	PRD-2	PRD-3	PRD-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
1450012043586AH	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 EMGR = MAKEET

OPER	OCC	RGC	PRD-C	PRD-1	PRD-2	PRD-3	PRD-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
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	PRDQ	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 MFG 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

EDN   = 17714A
OPER  = 00010
COMP  = 1620010388960
OCC   = 100
PLNR  = MANETK

    PRD-Q0  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 LINE
-----
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	FPMC	I&S	AB
A PIN SPRINW	LL	5315008263251	HD	MKPEAC	16316A	L	N	F	00010	96906	L	
A SCRRu	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 INTERROGATION

PART-NUMBER	MIC	COMP-STK-NR	UI	RCC	PRD-NR	C	E	P	OPER	FPMC	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 WASHER-FLAT	QQ	5310007918496	HD	MNTCHK	61181A	L	N		00010	88044	L	
A WASHER-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 WASHER-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	
AG585X	QQ	3120007064561	EA	MNTCHK	19838A	A	N		00010	83086	L	
AG585X	QQ	3120007064561	EA	MNTCHK	19841A	A	N		00010	83086	L	

Figure 6.30. Q08 SLC History

```

                SLC END ITEM AND COMPONENT DATA BY PDM

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  BRRC  PSC  UNIT PRICE  I&S STATUS GROUP
-----
5330010147779    L   EA  N    3      10.80  NO AD2 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
1005007676995	AAC	F	EA	T	2	233.00	74858A	00100	MANETU	100	1	63

Figure 6.37. Q10 Interactive BOM Query

BOM FROM THE 0005M 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 NSM	UPA	REP PNT	C C	ROC	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

PRCD-NR = 17714A

PRCD-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	00010	0		0	0	0	0	0	0	1	0	1	A
5330010178858	00010	0		0	0	0	0	0	0	1	0	1	A

Figure 6.39. Q12 Intermediate Requirement Comp (DRIVE)

PRCD-NR = 17714A

PRCD-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	00010	0		0	0	0	0	0	0	1	0	1	A
5330010178858	00010	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
		RA	N	F	Z	S9C	77		9	U	L			N

PART NUMBER	FPMC
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                MENU CD _____

          PLANNER DETAIL DATA

          PLANNER  PROCD 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   MNP99L   HC363    MNTCHK
          MANETK   17576A   MNP99L   HC363    MNTCHK
          MANETK~  17577A   MNP99L   HC363    MNTCHK
          MANETK   17578A   MNP99L   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

```

NABEAC  DAILY G005M ERROR NOTIFICATION REPORT          02-20-92  A-G005M-001-DE-MFR  Pg 1
1        2        3        4        5        6        7        8 PROCESSING *****R E M A R K S*****
1234567890123456789012345678901234567890123456789012345678901234567890 DATE TIME

N07DNABEAC          10130C700011650007810717          92050  16.31.05  CONTROL DATA UNMAT TO MAIL PS
N07DNABEAC          10130C700011660005893620          92050  16.31.05  CONTROL DATA UNMAT TO MAIL DB
N07DNABEAC          10130C700015340006562510LG          92050  16.31.05  CONTROL DATA UNMAT TO MAIL PS
N07DNABEAC          10130C700016229992995854          92050  16.31.05  CONTROL DATA UNMAT TO MAIL PS
N07DNABEAC          10130C700019905006524087CL          92050  16.31.05  CONTROL DATA UNMAT TO MAIL DB
N07DNABEAC          10130C700019905006853976CL          92050  16.31.05  CONTROL DATA UNMAT TO MAIL PS
N07DNABEAC          10130C700012915007312469R40001020          92050  16.32.06  CONTROL DATA UNMAT TO MAIL PS

```

Figure 6.43. Daily Transaction Register

```

NABEAC  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 *****
1234567890123456789012345678901234567890123456789012345678901234567890 DATE TIME

N07DNABEAC          10130C700011620P881924F          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011620003654001          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011620007846553          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011620010341197          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011620010982747          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011620010982748          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011630000354820          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011630003045427          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011650000781071          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011650005362561          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011650006612840          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011660005900633LG          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011660005909770LG          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C7000116800P375190-1          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011680006044716LG          92050  16.31.05  MATERIAL STANDARD DELETED
N07DNABEAC          10130C700011680006297894LG          92050  16.31.05  MATERIAL STANDARD DELETED

```

Figure 6.44. Q16 Stock List

```

02/20/92                ***STOCK NUMBER QUERY***                11:29:25

      STNBR      UI ERRC PSC AAC SOS      UNIT CST AV REP CST      NOUN
1680006044716LG EA T   2   V FLZ      193.00      43.81  ACTUATOR,MECHANICAL

      FLAG      PS MGR  SP ERRC      SP PRICE      LANDS      ALC      FLY      BDGT
      P          AE          .00          D          S

-----
MANUFACTURE PART NR OR ITEM SOURCE
-----

      PART NBR          FPMC
      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
1680011819874LG      1680001355397LG      AAC      D
1680011819874LG      1680004026202LG      AAD      D
1680011819874LG      1680006044716LG      AAA      D
1680011819874LG      1680007770136LG      AAB      D
1680011819874LG      1680012175837LG      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 responsibility 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 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.

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 the 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 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.

Figure A5.3. Analysis Error Messages (Continuation)

ANALYSIS ERROR MESSAGES							
MESSAGE	MESSAGE CRITERIA	FREQUENCY	PROGRAM ACTION	PLANNER ACT OR	PSF ACT OR	CORRECTIVE ACTION	
OUT OF BOUNDS	MESSAGE PRINTS WITH STANDARD REPLACEMENT'S ON ACTUAL REPLACEMENT'S <S> > 106.	QUANTIFIY	PRINT COPY.	F	N	F	PLANNER SHOULD BE ALERT FOR COMPILATION TO VERIFY PLANNER INPUTS FOR A STANDARD LUMP. PRODUCTION SUPPORT MUST INSURE THEY ARE ORDERING PROPERLY.
PRODUCTION NUMBER SELECTED QUANTIFY NOT TO BE IN A SYSTEM	DOUBT IF THE 'B' POSITION RECORD OR NUMBER DOES NOT RESIDE ON THE CURRENT DATA SYSTEM.	INTERMEDIATE PLANNING	PRINT A COPY OF THE INTERMEDIATE DATA "THE PRODUCTION NUMBER AND COMMENTS"	F	N	N	RECONSTRUCT ONLY NO ACTION REQUIRED BY PLANNER IF YES. PRINT THE COPY OF THE DATA SENT TO THE PLANNER.
STANDARD ESTABLISHED BY THE PLANNER	THROUGH THE LAST COMMENT SECTION ABLE TO COMPUTE AN ACTUAL REPLACEMENT TENDENT FOR A STANDARD COMMENT.	QUANTIFY	RECONSTRUCT THE ACTUAL COMMENT TENDENT TO STANDARD, CHANGE THE UP TO "T" UPDATES THE ACTUAL COMMENT AND COMMENT ACTION.	F	N	N	PLANNER SHOULD INSURE THE COMMENT CODES NUMBER TO PLANNER, CHANGE THE UP TO REQUIRES THAT TRANSFORMATION BE MADE TO THE PLANNER.

Attachment 6

OUTPUT PRODUCTS LIST

Figure A6.1. Output Products List

OUTPUT PRODUCTS LIST					
FILE IDENTIFIERS/DSN	FULL TITLE	MEDIA CLASS	INDUSTRY AS OF DATE / Date Code	CA DISPATCH	DELIVERABLE REQUISITS
A-6000A-151-00-0001	SUPPLY SCHEDULE REPORT	PAPER (J)	DEFENSE/MON	DMTR-000	FM
A-6000A-151-00-0002	REPORT SUPPLY SCHEDULE PROBABILITIES	PAPER (J)	DEFENSE/MON	DMTR-000	FM
A-6000A-151-00-0003	MANUFACTURE EFFECT REPORT	PAPER (J)	DEFENSE/MON	DMTR-000	DM-ALC/0155/0100 (ONLY)
A-6000A-151-00-0004	MANUFACTURE COMPONENTS REPORT	PAPER (J)	DEFENSE/MON	DMTR-000	MANUFACTURE
A-6000A-151-00-0005	PRODUCTION SCHEDULE PROBABILITIES REPORT	PAPER (J)	DEFENSE/MON	DMTR-000	MANUFACTURE
A-6000A-151-00-0006	PRODUCTION COMPONENT SCHEDULES	BOTH (J)	DEFENSE/MON	DMTR-000	MANUFACTURE (ONLY)
A-6000A-151-00-0007	OUTPUT SUPPLY SCHEDULE LIST	BOTH (J)	DEFENSE/MON	DMTR-000	FM
A-6000A-151-00-0008	MANUFACTURE SCHEDULE LIST	BOTH (J)	DEFENSE/MON	DMTR-000	FM
A-6000A-151-00-0009	PRODUCTION SCHEDULE LIST	PAPER (J)	DEFENSE/MON	DMTR-000	DM-ALC/0155/0100 (ONLY)
A-6000A-151-00-0010	COMMITMENT SCHEDULE LIST	BOTH (J)	DEFENSE/MON	DMTR-000	FM
A-6000A-151-00-0011	MANUFACTURE SCHEDULE LIST	BOTH (J)	DEFENSE/MON	DMTR-000	DM-ALC/0155/0100 (ONLY)
A-6000A-151-00-0012	PRODUCTION SCHEDULE LIST	BOTH (J)	DEFENSE/MON	DMTR-000	DM-ALC/0155/0100 (ONLY)
A-6000A-151-00-0013	CRITICAL COMPONENT SCHEDULE LIST	BOTH (J)	DEFENSE/MON	DMTR-000	DM-ALC/0155/0100 (ONLY)
A-6000A-151-00-0014	CRITICAL COMPONENT SCHEDULE LIST	PAPER (J)	DEFENSE/MON	DMTR-000	DM-ALC/0155/0100 (ONLY)

