

R} CHAPTER 16
**Intermediate Level (I-Level) Maintenance Data System (MDS) Functions,
Responsibilities and Source Document Procedures**

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R}CHAPTER 16
**Intermediate Level (I-Level) Maintenance Data System (MDS) Functions,
Responsibilities and Source Document Procedures**

16.1 I-Level Maintenance Data System (MDS) Functions and Responsibilities

16.1.1 Production Control

16.1.1.1 Assigning Job Control Number. The JCN is a 9, 10, or 11 character number that serves as a base for MDR and Maintenance Control procedures. The JCN allows for separate identification of each maintenance action, and provides a link with maintenance actions performed by the IMA in support of an organization. The JCN is composed of four parts:

a. ORG Code. This is a three-character alphanumeric code that identifies an organization. It is used in the JCN to identify the organization that originally assigns a JCN to a maintenance action. In the case of transient aircraft maintenance, the JCN will contain the ORG code of the aircraft reporting custodian. When an activity is assigned more than one ORG code, for example, separate codes assigned to Operations Department and AIMD, the ORG code of the department directly responsible for O-level maintenance will be used in the JCN on all source documents for aircraft and equipment assigned to the activity. The general format structure of ORG codes is in [Appendix E](#).

NOTE: All supported organization codes must reside in the NALCOMIS database.

b. Day. This is a three-character numeric code specifying the day of the year. The JCN day differs from the Julian date because the first position, identifying the year, is omitted. This is the date the JCN was assigned to a maintenance action and does not necessarily reflect the date on which the work was actually started.

c. Serial Number. The serial number is either a three character number that runs sequentially from 001 to 999, or a three character alphanumeric number. This number is normally assigned in sequence as new jobs are initiated, for example, 001, 002, 003. When 999 has been assigned, the next number in sequence will be 001. Alphanumeric serial numbers are used only when documenting inspections other than turnaround, daily, special, conditional, corrosion, acceptance, and transfer. Alphanumeric JCN structure will be as follows (exclusive of I- and O-):

LOOK	FIX
A00	A01 thru A99
thru	
Z00	Z01 thru Z99
to	
AA0	AA1 thru AA9 thru AAA thru AAZ
thru	
ZZ	ZZ1 thru ZZ9 thru ZZA thru ZZZ

d. Suffix. The JCN suffix is a structured alphabetic or alphanumeric code added to the basic JCN to identify a subassembly or sub-subassembly repair action performed independently of the major component repair. The suffix is used by IMAs only. [Figures 16-1](#) and [16-2](#) contain a complete structure breakdown of a suffix within a suffix. The following listing is a breakdown of the double suffix logic:

<u>First Position</u>	<u>Second Position</u>	<u>Position Identification</u>
Alpha	Blank	A repairable subassembly which has repairable sub-subassemblies.
Alpha	Alpha	A repairable sub-subassembly removed from a repairable subassembly.
Numeric	Alpha	A repairable subassembly with no repairable sub-subassemblies.

e. NALCOMIS provides automatic assignment of JCNs.

16.1.1.2 Work Center Workload Reports. Work Center Workload Report data is updated throughout the production day by using various on-line functions. The Workload Inquiry (Figure 16-3) provides effective control of maintenance by providing current status of all maintenance actions. These procedures provide the necessary management tools essential for real time management information on a continuing basis.

16.1.1.3 NALCOMIS MAF and NTCSS Optimized OMA NALCOMIS CM ALS records flow.

16.1.1.3.1 Off-Equipment Work. When a non-RFI component is received at the AMSU, the following induction procedures will be followed:

a. If AMSU personnel have the appropriate SMQ, induct the item by assigning a work priority. NALCOMIS will print two MAFs: one for Production Control and the second to accompany the component to the work center. NTCSS Optimized OMA NALCOMIS CM ALS record will be moved to an induction status.

b. AMSU personnel who do not have the SMQ to assign a work priority will induct the component without a priority assigned. NALCOMIS creates the mailbox message, PC Approval Required and moves the NTCSS Optimized OMA NALCOMIS CM ALS record to Induction Status. Production Control approves the MAF by assigning a work priority and indicating approval. Two MAFs will be printed; one for Production Control and one to accompany the component to the appropriate work center.

NOTE: The Production Control copy is for local use.

c. AMSU routes the component, with a MAF, to the work center.

d. When directed by Production Control, the work center places the component IW.

e. If the work center determines that repair parts are required the work center uses various on-line functions confirming the correct part data prior to ordering. Using the appropriate function, the work center will order the parts required. NALCOMIS provides Production Control with specific mailbox message identifying each MAF awaiting parts approval. For NTCSS Optimized OMA NALCOMIS, components or subcomponents that are removed and replaced will be documented in the CM task. Procedures are in the OMA-UG.

f. Production Control will indicate approval by assigning a project code and issue priority code and NALCOMIS will automatically assign the proper sequenced DDSN for each approved part and produce required MAFs to support SRA turn-ins and work center updates. For NTCSS Optimized OMA NALCOMIS, components or subcomponents that are removed and replaced will be documented in the CM task. Procedures are in the OMA-UG/Online Help.

g. If the DDSN local status code reflects nonavailability of the part requisitioned, the work center changes the MAF JS to WT (in transit to AWP locker) and routes the part with MAF to the AWP unit. The AWP unit performs receipt function that changes the MAF JS to WQ (Gear in AWP Work Center). For parts authorized to remain in shop, the same procedures apply.

h. When all parts are received by the AWP unit, the MAF JS will be upgraded to WB (in transit from AWP unit to work center) via online functions.

i. When the maintenance action is completed, the worker updates the JS to JC. NALCOMIS creates the mailbox message for "CDI Approval Required" or "QA Approval Required".

j. Upon CDI or QA approval, NALCOMIS creates the "Supervisor Required" mailbox.

k. When the MAF has been approved by the Work Center Supervisor, NALCOMIS creates the mailbox message, P/C Review.

l. When Production Control approves the MAF, NALCOMIS prints two copies of the completed MAF. The first copy is routed with the component and the other one is retained by the work center for maintenance report verification. For NTCSS Optimized OMA NALCOMIS, ensure CM ALS records accurately reflect SERNO, CAGE, P/N, status, and configuration of the component.

NOTE: If the component is a DIFM asset, NALCOMIS creates the mailbox message "Completed Repair Actions" once Production Control review function is complete.

m. AMSU or equivalent picks up the component from the work center and delivers the RFI/BCM component to the ASD with the completed MAF, AESR, MSR, ASR, EHR, or SRC card and RFI/BCM tag for disposition. DIFM return moves NTCSS Optimized OMA NALCOMIS CM ALS records to RFI, BCM, or out folder (as applicable).

n. Upon Logs and Records review, NALCOMIS prints two copies of the completed MAF; one for Production Control's historical files for a minimum of 6 months and the second copy for the QA review. NALCOMIS creates the mailbox message "Data Analyst Review".

o. [Figure 16-4](#) shows NALCOMIS MAF Off-Equipment document flow.

NOTES: 1. NALCOMIS generates configuration documents for updating engine AESR/MSR and associated records.

2. Requisition and turn-in procedures for ALSS/armament equipment and repair parts shall be per TYCOM guidelines (where applicable) or as established in this instruction. All ALSS/armament turn-ins will be delivered directly to the ALSS/armament pool. The NTCSS Optimized OMA NALCOMIS CM ALS records will be delivered electronically to the ALSS/Armament Equipment Branch. ALSS/armament equipment maintenance will be documented in CM task. CM inventory will accurately reflect the physical status.

16.1.1.3.2 The following is a sequence of events when one work center requires assistance from another work center. The MAF flow is as follows, for the control of work in the assisting work center:

a. The primary work center generates a MAF using the Work Center Assist/Support MAF Initiation function.

b. Production Control approves the assist MAF using the appropriate on-line function. NALCOMIS will produce (two) MAFs; one for the assisting work center and one for Production Control.

c. When the assist MAF has been completed, a copy of the MAF will be provided to the primary work center.

16.1.1.3.3 On-Equipment Work.

16.1.1.3.3.1 Items inducted from O-level (On-equipment documentation flow ([Figure 16-5](#))):

a. Production Control receives the equipment and a MAF from the originating activity for inspection/repair of SE and items for which the originating activity has IMRL reporting responsibility. Custody Code L items in user custody, which were checked out from the parent IMA, are to be processed as user reporting IMRL items for MAF flow during deployment. Look phase JCNs will be assigned for PM actions. When Production Control receives SE that is in NTCSS Optimized OMA NALCOMIS all maintenance will be documented using CM task. CM Inventory will accurately reflect physical status.

b. Production Control inducts the MAF into NALCOMIS. NALCOMIS prints two MAFs; one for customer receipt and the second is routed to the work center.

c. When corrective action and the MAF have been completed, Production Control retains a copy of the MAF. An additional MAF will accompany the item back to the originating activity.

NOTE: Custody and maintenance history records received with O-level SE shall be maintained/updated by Production Control while the item is in a repair status. For NTCSS Optimized OMA NALCOMIS CM ALS records, SE will accurately reflect physical status using the CM Inventory update. CM Task has to be used to update NTCSS Optimized OMA NALCOMIS CM ALS records. Procedures are in the OMA-UG.

16.1.1.3.3.2 Maintenance actions originated by the I-level (Figure 16-5). IMAs will initiate MAFs for scheduled and unscheduled maintenance of I-level IMRL/SE, such as test benches, mobile facilities, and tow tractors. A MAF for each maintenance action is initiated with the following information:

- a. TEC.
- b. BUNO/SERNO.
- c. Discrepancy (required).
- d. Equipment status (required for level 1).
- e. When Discovered Code (required).
- f. JS (optional).
- g. JS Date (optional).
- h. JS Time (required if date entered).
- i. Work Center (required).
- j. Type Maintenance (required).
- k. Maintenance level 1.
- l. WUC (required and must be reside on the database).
- m. Work Priority (allowed with proper SMQ).
- n. Meter (required if maintenance level equals 1).
- o. System Reason (required).

NOTE: Production Control will perform the above functions for WD Code O documents. Corrosion Prevention MAF/WOs may be initiated by any IMA personnel.

16.1.1.3.3.3 If Work PRI not assigned, NALCOMIS creates mailbox message "Production Control approval required". Production Control approves the MAF using the appropriate function and routes the MAF to the work center.

16.1.1.3.3.4 When the maintenance action is completed, the worker updates the JS to JC. NALCOMIS creates the mailbox message for "CDI Approval Required" or "QA Approval Required":

a. Upon CDI or QA approval, NALCOMIS creates the "Supervisor Required" mailbox.

b. When the MAF has been approved by the work center supervisor, NALCOMIS creates the mailbox message "P/C Review".

16.1.1.3.3.5 When Production Control reviews the MAF, NALCOMIS prints two copies of the completed MAF, one to be routed with the component. The second copy is retained by the work center for maintenance report verification.

16.1.1.3.3.6 Upon Logs and Records Review NALCOMIS prints two copies of the completed MAF; one for Production Control's historical files for a minimum of 6 months and one for "QA Review". NALCOMIS creates mailbox message "Data Analyst Review".

16.1.1.3.3.7 MAF flow within the Weapons Department for on-equipment maintenance of AWSE end items will be the same as the procedures discussed above, even though several of the maintenance functions, which are organized as separate entities in IMA, may be combined organizationally into one in the Weapons Department. For example, Maintenance Control, the work center, and Material Control could exist as a single point in the Weapons Department, and the standard MAF flow procedure would still be used just as though these three entities had been geographically, rather than organizationally, collocated.

16.1.1.3.4 MAF Filing Requirements:

a. A completed MAF shall be retained by Production Control as a historical file for a minimum of 6 months from completion date. This file will be arranged by JCN date and serial number sequence, and grouped by month of completion. Individual units have the option of establishing local files by work center as long as the above filing order is maintained. A temporary file may also contain those MAFs with a close out Action Taken Code of L or N.

b. Completed engine MAFs shall be maintained in the engine historical file by engine type and serial number, in JCN sequence, for 6 months from the completion date on the engine induction MAF. The file shall contain the completed MAFs for repairs/inspections of the engine, engine test cell performance sheets, and all the completed local forms generated for pre-induction screening.

NOTE: NALCOMIS FRCs with History Retrieval implemented are not required to maintain paper historical MAF files. This eliminates countless man hours sorting and filing paper MAFs in SESS record folders. Documentation of required entries shall be made and checklists will be maintained per Chapter 10, paragraph 10.17.

16.1.1.4 Controlling Awaiting Maintenance. Within space allocations, items AWM should be stored in a central location. If bins are available, the exact location of the AWM item may be marked on MAF to facilitate location by AMSU. Keeping AWM and AWP items out of the work centers and in a central location helps prevent damage to the items and may reduce indiscriminate, unauthorized, cannibalization. When centralized location of AWM items is not possible, due to space limitations, AWM items may be stored in the work centers.

16.1.1.5 Maintenance Reports. Maintenance reports are valuable tools available to the maintenance manager.

16.1.1.6 Interface Requirements. It must be remembered at all times that the IMAs primary mission is to support the operating activities. To achieve this, there must be a close liaison with supported activities and cognizant D-level activities.

16.1.1.6.1 With the supported organizational maintenance activities, it is imperative that liaison in the following areas be maintained:

- a. Deployment schedules, for projecting TAD. This should be part of the MMP.
- b. Power plant inductions, for scheduling purposes.
- c. PME and SE inductions, for scheduling purposes.
- d. SE licensing requirements, for O-level personnel.
- e. NOAP requirements, aboard ship ([Chapter 10](#), paragraph 10.3).
- f. No defects, that is, AT Code A on the MAF for maintenance actions from the O-level activities, to improve troubleshooting techniques and assist in decreasing wasted man-hours at the IMA.

16.1.1.6.2 Inter IMA Support. Instances will occur where a repairable component, which is beyond the capability of the local maintenance activity, is shipped to an off-station IMA for repair and return.

16.1.1.6.2.1 Processing Defective Components for Shipment to an Off-station I-level activity for Repair and Return:

- a. AMSU receives the defective component with a completed MAF with AT Code D, condition tag, and associated records or NTCSS Optimized OMA NALCOMIS CM ALS records from the work center and forwards them to DCU.
- b. DCU processes the component via the DIFM return function.
- c. Supply ships the component with MAF, associated records, and DOD Single Line Item Release Receipt Document (DD 1348-1) per local supply procedures. NTCSS Optimized OMA NALCOMIS CM ALS records are transferred electronically to the UIC that the component is shipped to.

16.1.1.6.2.2 Processing Defective Components from Off-station I-level activity for Repair and Return:

- a. Supply receives the defective component with the D action MAF, associated records or NTCSS Optimized OMA NALCOMIS CM ALS records, and DOD Single Line Item Release Receipt Document (DD 1348-1) per local supply procedures.
- b. Supply delivers the defective component, MAF, and associated records or NTCSS Optimized OMA NALCOMIS CM ALS records to AMSU.
- c. AMSU inducts the MAF, fills in the Repair and Return, and the Owed Org field.
- d. AMSU receives the component with a completed MAF, and associated records or NTCSS Optimized OMA NALCOMIS CM ALS records from the work center or production control.

e. The CCS receives the component from AMSU and processes it to the originating I-level activity via the DIFM return function.

f. Supply ships the component with MAF, associated records, and DOD Single Line Item Release Receipt Document (DD 1348-1) per local supply procedures. NTCSS Optimized OMA NALCOMIS CM ALS records are transferred electronically to the UIC that the component is shipped to.

16.1.1.6.2.3 Processing Component Returned from an Off-station I-level activity as a Result of a Previous Local BCM Action:

a. Supply receives the component, MAF, associated records, or NTCSS Optimized OMA NALCOMIS CM ALS records and DOD Single Line Item Release Receipt Document (DD 1348-1) per local supply procedures.

b. Supply delivers the RFI component and records or NTCSS Optimized OMA NALCOMIS CM ALS records to the customer. Non-RFI components received are processed per local procedures.

NOTE: Components shipped as RFI but without an RFI tag will be inducted into the IMA for check and test. The CCS will initiate the work request using a supply JCN via on-line functions.

16.1.2 Production Division Officer's Responsibilities

16.1.2.1 In addition to the functions of naval officers in U.S. Navy Regulations, each division officer shall comply with the following paragraphs.

16.1.2.2 Maintenance Reports. All division officers shall become knowledgeable of and familiar with maintenance reports concerning their division.

16.1.2.3 Division officers shall develop an understanding of NALCOMIS and NTCSS Optimized OMA NALCOMIS concepts and applications to management and MIS requirements.

16.1.3 Work Center Supervisors

16.1.3.1 Introduction. If successful accomplishment of assigned tasks of the IMA could be attributed to any one group of personnel, it would be the work center supervisors. Diligent supervision at the work center level includes rigidly adhering to the procedures and policies established by this instruction. To ensure the accomplishment of all assigned work, maximum efficiency must be obtained and maintained in the use of manpower, material, and facilities. This is most easily done within the work center by using the systems and programs in this chapter.

16.1.3.2 Communication. The primary job of the work center is to be responsive to the hour-by-hour maintenance situation. This requires constant communications between the work center and Production Control. To assist Production Control in keeping abreast of the maintenance situation, the Work Center Supervisor must keep Production Control constantly notified of the following:

- a. Bench/test equipment status.
- b. Availability of skills (personnel).
- c. Changes in status of assigned maintenance, for example, in work to AWM and in work to AWP.
- d. Anything which may affect the ability of the work center to maintain the systems assigned.

16.1.3.3 Machine Reports. This paragraph outlines the daily and monthly NALCOMIS and MDRs which the Work Center Supervisor uses on a regular basis. They are:

a. NALCOMIS Reports:

(1) The Work Center Workload Report is the NALCOMIS VIDS board. The report is a valuable validation tool. The report lists all outstanding discrepancies not signed off by Production Control for each work center as of the selected end date and time of the report.

(2) The Equipment Discrepancy Report lists the serial number and the type equipment code of all pieces of SE, engines, or both that currently have outstanding MAFs.

(3) The Due In From Maintenance Report is used to validate components in the repair cycle, monitor job status, explore cannibalization/transpose possibilities, monitor supply status for AWP requirements, monitor repair and return assets (both incoming and outgoing).

(4) The Daily Production Report - Part 1 lists all completed maintenance actions signed off by Production Control, within the user-entered begin and end date range, within a work center. These maintenance actions are totaled by priority, transaction codes, and action taken codes. This is simply a record of what was completed during the report time span. The Daily Production Report - Part 2 provides a count of all maintenance actions accomplished from the begin date/time to the end date/time as selected by the user.

NOTE: A complete listing of reports available, including their uses and detailed instructions, is in [Chapter 14](#).

16.1.3.4 Data Accuracy. Throughout the MDS, accurate documentation must be stressed. Each uncorrected erroneous document results in a loss of effectiveness of the data and of the system. The importance of complete and accurate data is further emphasized when Navy-wide use of these data are considered. Work center supervisors, with the assistance of the analyst, shall strive at all times for absolute accuracy.

16.1.3.5 The Work Center Workload Report is updated throughout the production day by using various on-line functions. The Workload Inquiry provides effective control of maintenance by providing current status of all maintenance actions. These procedures provide the necessary management tools essential for real time management information on a continuing basis. The Production Control supervisor shall establish a schedule and ensure all work centers verify their work center workload reports against the actual component and status inducted to their work center on a daily basis.

16.1.3.6 NALCOMIS Automated Procedures:

a. The work center receives the MAF with the non-RFI component. MAF data is maintained and updated on a continuing basis through on-line functions. When the maintenance action and MAF have been completed and the component is RFI or determined to be in a BCM condition, attach the hard copy of a Serviceable Tag - Materiel (DD 1574) or Materiel Unserviceable (Reparable) (DD 1577-2) ([Figure 16-6](#)) to the component inside the shipping container. This tag remains attached to the component until the component is used or destroyed. A MAF and a flimsy copy of the Material Condition Tag, serviceable label or unserviceable label are attached to the outside of the shipping container.

b. [Paragraph 16.2](#) lists procedures for documenting maintenance of SE. [Figure 16-5](#) shows the MAF flow for SE end items through the maintenance cycle.

NOTE: MAF flow within the Weapons Department for on equipment maintenance of AWSE end items may vary from the illustration because several maintenance functions, which are organized as

separate entities in the IMA, may be combined organizationally into one in the Weapons Department. For example, Production Control, work center, and Material Control could exist as a single point in the organization.

c. The supervisor's name in the supervisor field signifies completion of the maintenance action, verification that tool control inventories were conducted at the proper intervals, the component was adequately preserved and secured for routing to the AMSU, documentation is correct, and QA measures were adhered to.

d. Complete details on MAF documentation are in [paragraph 16.2](#).

16.1.3.7 Material Requisitioning:

a. The Work Center Supervisor must ensure that work center personnel know the procedures for ordering parts to repair WRAs and SRAs.

b. If the work center determines that repair parts are required, the work center uses various on-line functions confirming the correct part data prior to ordering. Using the appropriate function, the work center will order the parts required. NALCOMIS provides Production Control with specific mailbox message identifying each MAF awaiting parts approval.

c. Production Control will indicate approval by assigning a project code and issue priority code. NALCOMIS will automatically assign the proper sequenced DDSN for each approved part and produce required MAFs to support SRA turn-ins and work center updates.

d. If the item is not available within 24 hours, or the DDSN local status code reflects nonavailability of the part requisitioned, the work center changes the MAF JS to WT (in transit to AWP locker) and routes the part with MAF to the AWP unit. The AWP unit performs receipt function that changes the MAF JS to WQ (Gear in AWP Work Center). For parts authorized to remain in shop, the same procedures apply. Production Control is notified of the status change via NALCOMIS.

e. If a repairable SRA is requisitioned, the DDSN assigned by NALCOMIS becomes the turn-in document number on the MAF initiated by the work center for that SRA. NALCOMIS issues a suffix JCN from the original JCN and the work center packages and preserves the SRA for induction into the repair activity having cognizance.

f. When all parts are received by the AWP unit, the MAF JS will be upgraded to WB (in transit from AWP unit to work center) via online functions. The component and parts are delivered to the work center.

g. A component may go through the AWM, in work, and AWP process many times before being RFI or it is determined that the item must be shipped to another activity for repair. If so, ensure the above steps are taken each time the status of the component changes.

h. When the decision is made to process the WRA for BCM-4 action, the following steps are taken:

- (1) Notify Production Control of the status change from AWP to in work.
- (2) Ensure all SRAs are installed and secured, and all documentation is provided for any missing SRAs.
- (3) Preserve for off-station processing.

(4) Complete MAF documentation and notify Production Control of the status change from in work to BCM-4 via local procedures.

NOTE: Paragraph 16.2 lists detailed documentation procedures.

16.1.3.8 High usage piece parts are available in the PEB. The Work Center Supervisor must be familiar with PEB operations. Although stocking of PEBs is the responsibility of the ASD, the inputs for stocking will originate at the work center. The ASD will stock only those items which, among other things, show a high usage. To ensure the required parts are stocked in the PEB, the Work Center Supervisor shall:

- a. Ensure all piece parts usage is properly accounted for, and if the piece part contributed to the failure, documented in the FAILED/REQUIRED MATERIALS field of the MAF.
- b. Ensure parts which are normally stocked in the PEB, but are at a low level, are reordered promptly by the ASD per local procedures.
- c. Periodically review the work center's PEB requirements and compare them against actual PEB stocking levels.

16.1.3.9 Tool Control in the Work Center. The following lists work center supervisor's responsibilities:

a. Upon task assignment, note the tool container number in NALCOMIS using the appropriate function. A sight inventory shall be conducted by the technician prior to commencement of each task and all shortages shall be noted on the toolbox inventory card. Every measure must be taken to ensure missing tools do not become a cause of FOD. Inventories shall also be conducted at shift change, when a work stoppage occurs, after maintenance has been completed, and before conducting an operational systems check on the equipment.

NOTE: The above procedures are mandatory only in power plants, ALSS, AWSE, and SE Division (900) work centers. For all other work centers, these procedures may be omitted except for the shift change inventory.

- b. After maintenance has been completed, and before an operational systems check on the equipment, the inspection process shall once more be performed.
- c. When all tools are accounted for, and all maintenance actions have been completed, the work center supervisor approves the MAF signifying that maintenance has been completed and that all tools have been accounted for.

NOTE: The above procedure applies only to the power plants, ALSS, AWSE, and SE Division (900) work centers. For all other work centers, the supervisor's name signifies that the unit or component repaired was inspected and found to be free of any foreign objects which might later be the source of equipment/engine damage.

- d. If any tool is missing at any one of the above stages, an immediate search shall be conducted prior to reporting the work completed or signing off the MAF. If the tool cannot be located, immediately notify Production Control. Production Control will notify the MO or acting MO.
- e. If the tool cannot be located after the MO's directed search, the person doing the investigation shall enter their name and the statement in the Corrective Action field of the MAF that a lost tool investigation was conducted and the tool could not be found. Subsequently, the normal MAF completion process shall be followed.
- f. CDIs shall assist the Work Center Supervisor in complying with the Tool Control Program.

16.1.4 Maintenance Information Systems (MIS)

16.1.4.1 NALCOMIS Procedures. The Workload Inquiry and reports provide Production Control work centers with a display of SE end items and components being repaired. This allows Production Control to manage the workload in a selected work center. The IRIL board (Figure 16-7) or SESS shall be used by IMAs as a tool for inventory management of assigned SE. The IRIL board provides a display of SE assigned to the SE Division for management. IRIL boards shall be arranged by TEC.

16.1.4.2 IRIL Procedures. The acceptable methods of displaying IRIL information are VIDS 1 and SESS:

a. VIDS 1 is composed of IRIL boards. The IRIL board may be used by I-level activities as a tool for inventory management of assigned SE (Figure 16-7). This board provides a graphic display of SE assigned to the SE division for management. IRIL boards shall be arranged by TEC.

b. Inventory. The SE inventory shall be displayed on the IRIL board using locally produced indicator strips annotated with TEC, model, and serial number. Locator tabs, either color coded or indexed, shall be used to indicate physical location. Processed SE Transaction Reports (CNAF 4790/64) may be used on the IRIL board to display location/custody information.

c. Locator Tab. An example of this locator tab is shown in Figure 16-8. This locally produced card is color coded or indexed to indicate the activity that has subcustody of the equipment and its physical location. The tab will be placed on the IRIL board to the right of the inventory card for the equipment being issued.

16.1.4.3 SESS and NALCOMIS. SESS is a microcomputer-based asset control system. SESS does not provide a method to control production and show current job status (IN WORK, AWP, AWM). SESS provides automated methods for:

- a. Inventory tracking and reporting.
- b. PM scheduling.
- c. TD accounting.
- d. Subcustody management.
- e. Accurate and timely reports.

**NOTES: 1. SESS and NALCOMIS must be used concurrently for proper management.
2. For further details on SESS refer to the SESS Users Guide.**

16.1.4.4 Historical Files. A completed copy of a noninspection MAF shall be filed by Production Control for a minimum of 6 months from the completed date. MAFs, in support of PM inspections, will be maintained for 6 months or one complete inspection cycle whichever is greater. This file will be arranged in sequence of equipment nomenclature, SERNO, and JCN, that is JCN within SERNO within nomenclature. These files and all outstanding discrepancy MAFs shall accompany SE that is transferred or temporarily loaned to another activity.

NOTE: NALCOMIS IMAs with History Retrieval implemented will store completed MAF data in the NALCOMIS database for 6 months from completion date, and documents in support of PM inspections will be stored for 6 months or one complete inspection cycle, whichever is greater. Anytime a NALCOMIS IMA with History Retrieval transfers or temporarily loans SE to another activity, the transferring activity shall produce a NALCOMIS IMA ad hoc SE Transfer Report (Figure 16-9) and send it to the receiving activity.

16.1.5 VIDS Operation

16.1.5.1 VIDS Board. Effective control of maintenance is dependent on the availability of easily identifiable status of all maintenance resources. The most efficient method of quick reference to most of those resources for activities not supported by NALCOMIS IMA is use of the VIDS board. The VIDS board is a management tool that provides the visual display of essential information, for example, component repair status (In Work, AWM, and AWP), on a continuing basis on all the components within the production area. The ability to review the overall situation and determine what resources are available lets the Production Control Officer or supervisor carry out duties more effectively and efficiently. Activities experiencing NALCOMIS IMA downtime in excess of 5 working days may also find using the VIDS board a beneficial contingency option.

16.1.5.2 VIDS Board Layout (Figure 16-10). Actual display techniques may vary to meet local requirements; however, the following items are considered essential to the Production Control effort and must be displayed.

Column 1 - WC & EQUIP. List the work centers and the equipment repaired by each work center by P/N or WUC.

Column 2 - SE. Use an orange signal tab to indicate test benches or equipment inoperable, or a yellow tab to indicate partial capability.

Column 3 - QTY. Enter the quantity of a particular P/N or WUC capable of being worked on at any one time.

Column 4 - LRCA LIMITS HI/LOW. Enter the maximum allowable LRCAs due to fixed allowances under the "HI" column and the low LRCA level under the "LOW" column.

Column 5 - PRI. Display the workload priority by using colored tabs. Tabs may also be placed over each individual VIDS/MAF. The use of different colored signal tabs are as follows:

Green - LRCA is pool critical.

Blue - LRCA is pool zero.

Red - EXREP.

Column 6 - AWM. Display those items that are AWM.

Column 7 - IN WORK. Display those items that are being repaired.

Column 8 - AWP. Display those items that are AWP.

Column 9 - COMPLETED. This column is optional but may be used to temporarily store VIDS/MAF Copy 3 from the time a work center reports an item RFI or BCM until VIDS/MAF Copy 1 is returned to Production Control. VIDS/MAF Copy 3 then may be removed and stored in another location, after verifying it with VIDS/MAF Copy 1, until VIDS/MAF Copy 1 returns from data entry.

16.1.5.3 VIDS Board Verification. The Production Control Supervisor shall establish a schedule to ensure all work center VIDS boards are verified with the Production Control VIDS board and discrepancies resolved at least daily. AWP component repair status shall be validated at least weekly.

16.1.5.4 VIDS/MAF Flow; Off-Equipment Work

16.1.5.4.1 The following describes the sequence of events that occur from the time a component leaves the AMSU until it is made RFI or declared BCM (Figure 16-11):

a. When VIDS/MAF Copy 3 is delivered to Production Control by AMSU, the following blocks are already filled in by the originating activity and screened by the AMSU: A08, A11, A14, A22, A48, A52, A58, A59, A60 (if applicable), B08, E08, E13, E23, E38, E42, E47, and E52 (if applicable), DISCREPANCY, PILOT/INITIATOR, and TURN-IN Document.

b. Production Control fills in block A19 and puts VIDS/MAF Copy 3 on the VIDS board in the AWM column under the work center by P/N or WUC.

c. When notified by Production Control, AMSU routes the component with VIDS/MAF Copies 1, 4, and 5 to the work center.

d. When told by Production Control, the work center puts the component in work. Production Control annotates block B19 with the Julian date and moves VIDS/MAF Copy 3 to the in work column of the board.

e. If the work center determines repair parts are required, they notify Production Control. Production Control assigns the project code and supply priority and annotates VIDS/MAF Copy 3 with an S in block B53 indicating the component is entering a supply status and the Julian date in block B54 indicating the date that supply transmitted the requisition document. After entering the appropriate information in the H through Z blocks, VIDS/MAF Copy 3 is moved to the AWP column of the VIDS board.

f. After notification that repair parts are not available locally or when status is not received after 24 hours, the work center routes the component with VIDS/MAF Copies 1 and 4 to the AWP unit. VIDS/MAF Copy 5 remains on the work center VIDS board in the AWP column.

g. When notified by the AWP unit that all parts have been received, Production Control enters an M in block B65 indicating the component is back in a maintenance status, the Julian date in block B66, and moves VIDS/MAF Copy 3 to the AWM or In Work column of the VIDS board, whichever applies at the time.

NOTE: This procedure, steps (e) through (g), may be repeated many times before the component leaves the IMA.

h. When the work center completes all maintenance actions, they notify Production Control of the status; RFI or BCM. Production Control enters the completed Julian date in block B30 and moves VIDS/MAF Copy 3 to a temporary file, such as the completed column of the VIDS board.

i. AMSU, or equivalent, picks up the component from the work center, delivers the completed VIDS/MAF Copy 1 to Production Control, returns the RFI or BCM component with appropriate logs and records, for example, AESR or SRC Card, to the Supply Support Center, along with VIDS/MAF Copy 4.

j. Production Control verifies VIDS/MAF Copy 3 with the completed Copy 1 and records any information deemed necessary on the Copy 3, for example, action taken and malfunction code.

k. Production Control forwards VIDS/MAF Copy 1 to the analyst for data entry or NALCOMIS backfit and puts Copy 3 in a temporary file other than the completed column of the VIDS board.

l. Upon return of VIDS/MAF Copy 1 from the analyst, Production Control files it in the historical files and destroys VIDS/MAF Copy 3. If a Ship's Maintenance Action Form (OPNAV 4790/2K) is attached to the VIDS/MAF, annotate the completion date of the VIDS/MAF in the OPNAV 4790/2K discrepancy block, remove, and file in the historical file. Figure 16-11 depicts off-equipment VIDS/MAF flow throughout the maintenance cycle.

NOTE: Requisition and turn-in procedures for ALSS assemblies and repair parts shall be per NALCOMIS guidelines (where applicable) or as established in this instruction. All ALSS turn-ins will be delivered directly to the ALSS pool.

16.1.5.4.2 The following is a sequence of events when one work center requires assistance from another work center. The VIDS/MAF flow for the control of work in the assisting work center is as follows:

a. The primary work center generates a VIDS/MAF using WD Code V and processes it through Production Control along with the part requiring repair.

b. Production Control assigns the work priority and attaches the assist VIDS/MAF Copy 2 to the basic VIDS/MAF Copy 3 for which assistance was requested. Assist VIDS/MAF Copy 3 is placed on the Production Control VIDS board, under the assisting work center.

c. Assist VIDS/MAF Copies 1, 4, and 5 are routed with the part and all required material to the assisting work center for processing. When the process has been completed by the assisting work center, assist VIDS/MAF Copies 1 and 4 are forwarded with the part to Production Control, and Copy 5 is retained for MDS validation by the work center.

d. Production Control clears applicable VIDS boards of assist VIDS/MAF Copies 2 and 3 and forwards Copy 1 to QA. VIDS/MAF Copy 3 is held in the suspense file until Copy 1 is returned from data entry. VIDS/MAF Copy 2 is destroyed and Copy 4 is sent with the part back to the work center that requested the assistance.

R} 16.2 I-Level Maintenance Source Document Procedures

16.2.1 Maintenance Action Documentation Procedures

The purpose of this section is to give detailed procedures for documenting maintenance actions using NALCOMIS procedures. Examples of completed MDR forms are in this chapter.

16.2.1.1 Types of Maintenance Action Form (MAF) Maintenance Actions

16.2.1.1.1 This paragraph outlines the types of maintenance actions documented on MAFs. These include troubleshooting, removal and replacement, repair, and the performance of scheduled inspections.

16.2.1.1.2 MAFs will be used to document the following types of maintenance actions:

NOTE: Type MAF Code must be used in NALCOMIS, but does not appear on the Hard Copy MAF.

- a. On-equipment work not involving the removal of defective or suspected defective repairables.
- b. Look phase of acceptance, transfer, special, conditional, major aircraft and combined airframe and engine special inspections, and corrosion, preservation and de preservation.
- c. Fix in place actions discovered during inspection.
- d. Removal of components for check, test, or service actions.
- e. Removal and replacement actions for cannibalization.
- f. Accumulated man-hours as a result of work stoppage for parts or maintenance.

- g. Accumulated man-hours during or at the end of a reporting period for a job not completed, where required by the cognizant ACC/TYCOM.
- h. Maintenance actions and man-hours by assisting work center in support of a primary work center.
- i. Support of a repairable item processing through the IMA.
- j. Incorporation of TDs and associated maintenance actions.
- k. Removal and replacement of repairable components in end items.
- l. Repair of removed repairable components.
- m. Repair of subcomponents removed from repairable components.
- n. Record of ordering and issue of repairable components, subassemblies, and parts.
- o. Disposition of components and subassemblies declared BCM.
- p. Major inspections performed on removed engines, when initiated by an O-level activity.
- q. Documentation of first-degree repair maintenance actions.
- r. Troubleshooting man-hours.
- s. Documenting preservation and depreservation.

16.2.1.2 Intermediate Document Flow

16.2.1.2.1 Examples of MAF documentation are included in this chapter.

16.2.1.2.2 The Material Control AMSU receives the defective component with a MAF. AMSU personnel using AMSU Receipt function enters the appropriate data into NALCOMIS. Upon approval, 2 copies of MAFs are generated. One is attached to the defective component for delivery to the applicable work center, the other is for Production Control.

16.2.1.2.3 The Work Center Supervisor receives the component, screens the MAF, and assigns a worker to the maintenance action. The worker performs technical screening and commences the repair action.

16.2.1.2.4 If parts are required, the worker will order necessary parts using the appropriate function.

16.2.1.2.5 Once maintenance is completed, the worker updates the MAF indicating the appropriate action, and assigns a job status of JC. At this time a mailbox message is created for the CDI and the worker attaches a material condition tag to the component.

16.2.1.2.6 The CDI reviews the MAF in the appropriate NALCOMIS function indicating approval. At this time NALCOMIS will electronically assign CDI's name to the Inspected By Field of the MAF. A mailbox message will be created for the Work Center Supervisor.

16.2.1.2.7 The Work Center Supervisor reviews the MAF in the appropriate NALCOMIS function and screens the MAF for accuracy and completeness. Upon approval, the Work Center Supervisor's name is electronically assigned to the MAF and a mailbox message will be created for Production Control. At this time the AMSU is notified that the component is ready for pickup.

16.2.1.2.8 Production Control reviews the MAF. Upon approval, the Production Controller's name is electronically assigned to the MAF. At this time NALCOMIS generates two MAFs. One for the work center which is used to verify the maintenance report and the second MAF will accompany the component to AMSU for disposition. A mailbox message is created to logs and records for review. Logs and records personnel will ensure NTCSS Optimized OMA NALCOMIS CM ALS records are updated for the component or equipment that is changed.

16.2.1.2.9 AMSU notifies the CCS that the component is ready for disposition and delivers the component to CCS.

16.2.1.2.10 When a repairable non-RFI subassembly is removed from the component, the work center attaches the suffix MAF to the non-RFI component and notifies AMSU that the subassembly is ready for turn-in.

NOTE: Additional parts required for induction, repeat procedures outlined in paragraphs a through h above.

16.2.1.2.11 The MDBA/A reviews the appropriate mailbox message and approves or rejects completed MAFs. Approved MAFs are then submitted to the SSCA.

R} 16.2.1.3 Data Field Description

16.2.1.3.1 This section describes the NALCOMIS functions recommended for initiating, updating, and clearing the NALCOMIS MAF. This section also contains an explanation of the functions required to add/delete the NALCOMIS MAF. The codes used to describe the data throughout the sections of the MAF are in [Appendix E](#) and the applicable WUC structure assigned to the OOMA baseline or the WUC manual for legacy NALCOMIS users. Specific data fields to be used and data fields requirements are controlled by the Maintenance Data VALSPEC (<http://www.navair.navy.mil/logistics/valspec>).

16.2.1.3.2 Specific data fields application and requirement are as follows:

ENTRIES REQUIRED SIGNATURE. This section is provided to ensure historical records and NTCSS Optimized OMA NALCOMIS CM ALS records are updated in a timely and orderly manner. Required actions will be accomplished prior to forwarding the MAF to the data analyst for approval. Logs and records personnel will screen all MAFs using the appropriate function. Upon indicating approval, NALCOMIS will electronically post their name to the MAF.

LOCAL USE. This field may be used as desired.

REFERENCE. May be used to enter the supply reference to aid the work center in requisitioning the failed or required material.

ACCUMULATED WORK HOURS

NAME/SHIFT. Enter the name/shift of personnel performing the work.

Workers hours update will be used by the CDI/supervisor who will place their initials in the appropriate data field. Prior to JC or job status changes, for example, work stoppage, a sight inventory of the tool container(s) shall be conducted by the Work Center Supervisor/CDI.

EMT. NALCOMIS provides for the system generated EMT through its internal clock. However, this field is not displayed in the Accumulated Work Hour Field on the NALCOMIS MAF.

ACCUMULATED AWM HOURS. This time is automatically calculated within NALCOMIS.

FAILED/REQUIRED MATERIAL. This section will be used to document a failed part without an AWP situation, a failed part and an AWP situation occurring simultaneously, an AWP situation without a failed part, and a supply request only, with no failed part or AWP situation.

NOTE: NALCOMIS will allow for and track up to 100 separate entries, and allow for the indexing of 19 separate lines of required data.

INDEX. NALCOMIS will automatically provide for the proper indexing of ordered parts. These letters represent a specific record type that will be generated via aviation 3M processing. This allows for the 19 most significant failed parts to be reported against a specific maintenance action. For example, assignment of index H indicates the first failed part record, Z indicates the last and 19th failed parts record against the maintenance action. The purpose of indexing is to flag engineering data items only, not supply usage data. Therefore, only significant failed parts will be annotated with H - Z in this field, that is those items which are known or suspected to have contributed to the discrepancy reported in the Discrepancy Field of the MAF.

F/P. Enter an (x) to denote a failed part if the failed material or parts replaced during the repair are piece parts that have failed in a major component. Common hardware, nuts, screws, safety wire, seals, gaskets, washers, and fittings that are routinely replaced during a maintenance action will be documented only if their failure is known or suspected to have contributed to the discrepancy.

NOTE: PEB items not in stock and required for repair of a discrepancy will be ordered against the MAF requiring parts.

AWP. Immediately upon receipt of notification that the repair part(s) is/are not available on the ship/station, the Work Center Supervisor will ensure an (x) is entered if the failed/required material is causing an awaiting parts status of the repairable item identified in the WUC Field. Only those items that caused the AWP status will be marked (x). In all cases, even if notification of nonavailability of repair parts is not received, the AWP component is to be delivered to the AWP holding area within 24 hours from the time the need for a repair part was discovered by the work center. (This field is used at maintenance levels 2 and 3.)

A/T. Enter the one-character alpha or numeric code which describes the action taken against the removed module, subassemblies, or significant failed parts required. AT codes are listed in [Appendix E](#).

MAL. Enter the code that best describes the malfunction occurring within the removed subassembly. MAL codes are listed in [Appendix E](#).

FSCM. Enter the CAGE code of failed part or required material.

PART NUMBER. Enter the manufacturer's part number of the failed or required material.

REF SYMBOL. Enter the alphanumeric code which identifies a piece part as distinct from other items of the same part number in a single subassembly or circuit, such as four of the same diodes within a circuit, each has the same part number but a different reference symbol. These are found in the illustrated parts breakdown manual for the weapon system.

QTY. Enter the quantity of failed or required material.

PROJ. Enter project code as applicable.

PRI. Enter the MILSTRIP priority assigned to the material requisition.

DATE ORD. The Julian date the request was placed on order (NALCOMIS generated).

REQ NO. The MILSTRIP requisition number of the material required to complete the maintenance action (NALCOMIS generated).

DATE REC. The Julian date that requisitioned material is received (NALCOMIS generated).

WORK UNIT CD. Enter the WUC that identifies the system, specific engine, or component on which work is being performed. In cases where removed repairable components do not have a WUC assigned, use the five character NOC code provided by the system or component. A consumable item replaced on a MAF should reflect the system or NHA code.

NOTE: General Work Unit Codes 030 (inspection) and 049 (preservation/depreservation) are used on the MAF as the WUC for conditional and acceptance/transfer inspections and for preservation/depreservation. Appendix E contains a complete listing of these codes.

ACT ORG. The organization code of the organization accomplishing the work (NALCOMIS generated).

TRANS. Enter the two-character numeric transaction code used to identify the type of data being reported. Appendix E contains a complete list of these codes with definitions.

M/L. Enter the level of maintenance (1 through 3) which is performed (not necessarily the level assigned to the activity).

A/T. Enter the one-character alpha or numeric code that describes the action that has been taken. This code describes what action has been performed on the item identified by the WUC. AT code A (discrepancy checked, no repair required) is used only in those cases where an inspection or operational check has been performed and the reported trouble cannot be duplicated or does not exist. In such cases use the MAL code 799 (no defect). Adjustments made to peak a system which is within tolerances may use this code with the appropriate malfunction code, for example, A-127, A-281, A-282. A consumable item replaced on a MAF should reflect the system or NHA code only in the WUC field and AT code B or C. AT code R should be used in the H-Z Failed/Required Material fields for parts replaced. AT codes are in Appendix E.

NOTE: The TD status code is a single-character alpha code used to indicate the status of compliance with a TD. This code applies to the action taken field of the MAF when reporting TD status. These codes are in Appendix E.

MAL CODE. Enter the three-character alphanumeric code used to describe the malfunction which caused the maintenance action on the item described by the WUC. These codes are divided into three logical groups to assist personnel in finding the most applicable code as follows (MAL codes are contained in Appendix E):

Conditional (no fault) Group. These codes are used when a nondefective item is removed, or when the defect/malfunction is not the fault of the item in question.

Reason for Removal Group. These codes are used to generally describe trouble symptoms or apparent defects prompting removal of malfunctioning items for repair.

Reason for Failure Group. These codes are used to generally describe underlying defects or basic failure reasons determined during repair of items exhibiting trouble symptoms.

NOTE: Maintenance Control/Production Control shall enter the appropriate malfunction code when initiating a cannibalization MAF. Malfunction codes are in Appendix E.

I/P. Enter the number of times that an action, indicated by an AT code, is applied to the item identified by the WUC recorded on a MAF, for example, since the fuel nozzle of a jet engine has a WUC, replacement of five fuel nozzles would be documented as five items processed. In contrast, replacement of several transistors in an electronic assembly would be documented as one item processed, with the WUC identifying the electronic assembly being repaired and the AT code indicating repair. MAFs submitted for close outs by work centers at the end of, or during a reporting

period will indicate 0 items processed. The IP field is limited to two characters. If the count exceeds 99, an additional form must be prepared and submitted.

HOURS. Entries in the Hours field represent all man-hours expended by assigned personnel to complete the work described on the source document as defined in [Appendix E](#). Hours and tenths worked, multiplied by the number of men working, equals total man-hours. Entry in the Man Hours field does not include labor hours for any work center other than the one submitting the document, for example, if two work centers jointly correct a discrepancy (same JCN) on the same aircraft or equipment, workers from each work center submit a source document with that particular work center's labor hours in the Hours field. To convert minutes to hours and tenths, use the following example:

MINUTES	TENTHS	MINUTES	TENTHS
1-2	0.0	33-38	0.6
3-8	0.1	39-44	0.7
9-14	0.2	45-50	0.8
15-20	0.3	51-56	0.9
21-26	0.4	57-60	1.0
27-32	0.5		

EMT. NALCOMIS, through the internal clock, will automatically calculate EMT. EMT does not include the clock hours and tenths for cure time, charging time, or leak test when they are being conducted without maintenance personnel actually monitoring the work. Although the EMT is directly related to job man-hours, it is not to be confused with total man-hours required to complete a job, for example, if three men worked together for 2.5 hours to make a repair, the total man-hours would be 7.5 hours and the EMT would be 2.5 hours.

TECHNICAL DIRECTIVE ID. Enter the 12 or 13 characters that identify the specific TD incorporated or being incorporated in the type equipment. This field is divided into seven sections as follows:

INT. Enter an X to indicate an interim TD; otherwise leave blank.

CODE. Enter the two-character numeric code that denotes the type of directive being incorporated. TD codes are in [Appendix E](#).

BASIC NO. Enter the four numeric characters identifying the basic TD, preceded by a zero(s) to complete the field.

RV. Enter the one alpha character that denotes the specific revision of the basic TD. Leave blank if not applicable.

AM. Enter the one numeric amendment number of the basic TD. Leave blank if not applicable.

PART. Enter the two-character numeric part number as listed in the TD. Leave blank if not applicable.

KIT. Enter the two-character alphanumeric number of the specific kit incorporated. If no kit is required, enter 00 in this section.

NOTE: TDs must be on file within NALCOMIS prior to TD MAF initiation.

TYPE EQUIP. Enter the TEC that describes the end item on which work is being performed. TEC structuring is explained in [Appendix E](#). The specific TECs are identified in the NAVAIR Logistics web site TEC Translator (<http://www.navair.navy.mil/logistics/tectranslator>).

NOTE: The OOMA NALCOMIS application uses Assy CDs as an expansion of the NAVAIR assigned TEC to further identify a specific end item within the TEC. Assy CDs are used exclusively within the OOMA NALCOMIS application and are defined in [Appendix E](#).

BU/SER NUMBER. Enter the bureau or serial number of the equipment or end item on which work is being performed. If more than six digits enter the last six; if less than six digits prefix with sufficient zeros to total six characters. This field must not be blank. Enter 0 in this field when using the MAF to document work on groups of like items, for example, jacks, stands, common aeronautical equipment, or items not identified by bureau/serial number. In cases of on-equipment work at the O-level for personal survival equipment, enter the first letter of the aircrewman's first and last name and last four digits of the social security number.

W/D. The WD code is a single alpha character that identifies when the need for maintenance was discovered. The three sets of WD codes that cover the equipment categories are: (1) aircraft and engines; (2) SE, PME, and expeditionary airfield; and (3) missiles/missile targets.

T/M. Enter the one-character alpha or numeric code used to describe the type of work being accomplished, for example, scheduled, unscheduled, supply support. Definitions and explanations of these codes are in [Appendix E](#).

POSIT. Enter POSITs which are used to evaluate performance/logistics characteristics between identical components. For Legacy NALCOMIS application users, POSITs are included in applicable WUC manuals and are identified by a double asterisk (**) preceding the WUC. The OOMA NALCOMIS application identifies POSITs as a separate data element within the applicable baseline. When a component has been identified as position sensitive, it shall be mandatory that the POSIT be documented in block A60 of the MAF. Identifiers are categorized into two groups as follows:

General Position Codes. A two digit alphanumeric code which indicates a specific location by use of plain language:

LH/RH - Indicates left-hand or right-hand installation, such as main landing gear components, tires, side by side cockpit, and components.

FW/AF - Indicates fore and aft positions such as tandem cockpit components.

UP/LW - Indicates upper or lower positions, such as anticollision lights or antennas.

PR/SC/AL - Indicates primary, secondary, or alternate positions, such as hydraulic components or multiple avionics component installations.

01, 02, 03, 04 - Indicates positions using a sequential numbering system, such as helicopter rotor dynamic components or a numbering system used to identify the position of fuel nozzles on a gas turbine engine.

Specific Position Codes. A two digit alphanumeric code which indicates a specific location using alphanumeric sequencing:

A1 - Bleed Valve, Stg 5, 2 o'clock, #1 engine.

B1 - Bleed Valve, Stg 5, 4 o'clock, #1 engine.

A2 - Bleed Valve, Stg 5, 2 o'clock, #2 engine.

B2 - Bleed Valve, Stg 4, 4 o'clock, #2 engine.

FID. Leave blank, reserved for future use. (Under development.)

SFTY/EI. Enter the locally assigned four digit control number from the NAMDRP Report Control Number.

METER. This field is mandatory when TEC for on-equipment work is G, H, or S and maintenance level is 1.

SE FSCM. CAGE of the end item of SE (optional).

TECH. Enter an N for all maintenance actions involving ETS support.

INV CD. Enter the one digit inventory code that describes the status of the equipment during the transaction (Appendix F).

PERM CD. Enter the six digit PUC of the organization completing the transaction (aircraft only).

REPAIR CYCLE

RECD. Date and Time. NALCOMIS generated upon MAF initiation.

IN WORK. Enter Julian date and time.

COMP. Enter Julian date and time completed.

AWAITING MAINTENANCE HRS. Enter the appropriate AWM reason code for the related maintenance action. Order of significance may be determined by local policy.

MAINTENANCE/SUPPLY REC. NALCOMIS tracks and documents all awaiting maintenance/supply time. This is calculated by the internal monitoring of job status as related to supply status/maintenance status.

REMOVED/OLD ITEM. These fields are completed in NALCOMIS using the appropriate function, when a repairable component is removed from the end item or major component on which work is being performed. Enter the CAGE, SERNO, and P/N or lot number for the CART, CAD, or PAD. If the SERNO is more than 10 characters, enter the last 10. If the P/N is more than 15 characters, enter the last 15. (For Optimized NALCOMIS the SERNO and P/N field is limited to a maximum of 15 and 32 characters respectively.) Enter the time/cycle, preceded by an alpha character as listed in [Appendix E](#). For warranty items, use the second time/cycle field, enter a W, followed by four digits to indicate the length of the warranty period in time/cycles, or the date of warranty expiration. Information about warranty length and expiration date can be found on the data plate affixed to the item, or in its logbook or associated records. If the current time/cycles figure for an item is greater than the specified warranty length of that item, no W entry should be made since the item is no longer under warranty. In the third time/cycle enter an X, followed by the last four characters of the contract number. The contract number can be found on the data plate affixed to the item, or the logbook or associated records, or NTCSS Optimized NALCOMIS CM ALS records.

INSTALLED/NEW ITEM. These fields are completed in NALCOMIS using the appropriate function, when a repairable component is installed on the end item or the major component on which work is being performed. Enter the CAGE, the SERNO and P/N or lot number for the CART, CAD, or PAD. If the serial number is more than 10 characters, enter the last 10. If the part number is more than 15 characters, enter the last 15. (For Optimized NALCOMIS the SERNO and P/N field is limited to a maximum of 15 and 32 characters respectively.) Enter the time/cycle preceded by an alpha character listed in [Appendix E](#). For warranty items, use the second time/cycle field, enter a W, followed by four digits to indicate the length of the warranty period in time/cycles, or the date of warranty expiration. Information about warranty length and expiration date can be found on the data plate affixed to the item, or in its logbook or associated records. If the current time/cycles figure for an item is greater than the specified warranty length of that item, no W entry should be made since the

item is no longer under warranty. In the third time/cycle enter an X, followed by the last four characters of the contract number. The contract number can be found on the data plate affixed to the item, or the logbook or associated records, or NTCSS Optimized NALCOMIS CM ALS records.

DISCREPANCY. Enter a narrative description of the reported discrepancy and the System Reason Field.

PILOT/INITIATOR. Enter the persons name and rank that discovered the discrepancy.

CORRECTIVE ACTION. Enter a narrative description of the corrective action taken to correct the discrepancy.

NOTE: A} If a FED request has been initiated per Chapter 3, include the FED reference number provided by the ISSC engineering authority in the corrective action field. Also reference the FED authorization for repair or BCM disposition provided by ISSC. The ISSC shall include instructions for any required logbook or SRC card entries with the disposition.

CF REQ/RFI. This is a dual purpose field for use by the O-level and I-level activities. The O-level will enter an (x) if a check flight is required after completion of the maintenance action. The IMA will enter an (x) if the repair action is RFI.

QA REQ/BCM REQ. This is a dual purpose field for use by the O-level and I-level activities. The O-level will enter an (x) if the maintenance action requires a QAR inspection. (Not applicable to CDI inspection.) The IMA will enter an (x) if the repair action is BCM.

RFI/BCM. NALCOMIS will update this data field based on the action taken entry.

CORRECTED BY. NALCOMIS will automatically post the workers name to the corrected by field of the MAF. Once the logged on person gives a job status of JC. At this time the HCN/MAF is closed to the worker and the MAF clearing cycle has begun.

INSPECTED BY. The CDI/QAR will use the appropriate function to indicate approval of a specific MAF. NALCOMIS will electronically post the CDI/QAR's name to the MAF based on the logged-on person.

SUPERVISOR. The supervisor will use the appropriate function to indicate approval of a specific MAF. NALCOMIS will electronically post the supervisor's name to the MAF based on the logged-on person. This indicates all tool control requirements have been complied with.

MAINT CONTROL. The Production Controller will use the appropriate function to indicate approval of a specific MAF. NALCOMIS will electronically post the controller's name to the MAF based on the logged-on person.

JCN. Using the appropriate function, enter the assigned JCN per [paragraph 16.1](#). In the case of a maintenance action being performed on transient aircraft (Navy or non-Navy), the first three positions of the JCN are always the organization code of the aircraft reporting custodian

NOTE: For subcustody SE in the custody of another department that requires repair by the IMA the JCN will be auto assigned by NALCOMIS upon Production Control approval, reflecting the IMA's organization code.

WORK CENTER. Enter the appropriate work center code performing the maintenance action described on the MAF. Work center codes are listed in [Appendix E](#).

STATUS. For level 1 maintenance only, enter "U" for up discrepancy and "D" for down discrepancy. This data field may be updated using appropriate update function.

INSPT JCN. Used for power plants engine induction.

PRI. Production Control or authorized personnel will fill in this data field to approve the initiated MAF using the appropriate function.

SYSTEM/REASON. Enter a brief (snap shot) description of the reported discrepancy using the appropriate function.

MCN. Serial number assigned to each maintenance action.

16.2.2 Support Equipment (SE), Training Devices, Missile Target Documentation

a. This paragraph prescribes the method for collecting maintenance, inventory, and utilization data on equipment. This information is used to evaluate equipment reliability and maintainability, and provide data for engineering analysis to improve or replace equipment. The term SE encompasses all SE including that commonly known as yellow gear, test sets and benches, run-up stands, diagnostic equipment, PME, and equipment used to maintain aircraft, aircraft components, or SE, such as drill presses, lathes, grinders, sewing machines, or welders. These items of SE are identified by D, G, H, and S series TECs. SEGTEs are identified by P series TECs. Items of SE may be inventoried using Inventory Code 0. The source documents used are MAFs and METER Cards.

NOTE: Training devices and missile targets require inventory reporting only.

b. The following defines terms and describes data fields and procedures of special interest to SE documentation:

(1) Utilization. End item utilization is accounted for by entering a five-position meter reading in the METER field of the MAF any time on-equipment work is performed on SE. If the equipment has a meter that records end item utilization, the whole hours (no tenths) or starts/cycles from the meter are preceded by the letter M or S (as appropriate) and enough zeros to make a five position entry. If the equipment does not have a meter, enter A0000. This field will be left blank when performing off-equipment work.

(2) MEASURE is a data processing system for recall and scheduling of test, measuring, and diagnostic equipment into calibration facilities. The PME Work Center (670) documents all calibration and repair on a METER Card per the OP43P6B user's manual issued by COMNAVAIRSYSCOM. For MAF documentation in support of PME actions, refer to [paragraph 16.2.2.8](#).

(3) The AMMRL Program collects data to establish SE requirements, distribute assets, and provide a base for SE budgeting requirements. Outputs of the AMMRL Program are the SERMIS and IMRL. The AMMRL Program is defined in NAVAIRINST 13650.1.

c. Maintenance Actions. The following prescribes the method of documenting SE maintenance actions using NALCOMIS.

(1) Standard HCN/MAF Procedures. [Figure 16-12](#) illustrates the types of MAFs required for SE/training devices/missile target documentation.

(a) On-Equipment Work. The discrepancy MAF initiation function will be used to initiate MAFs for on-equipment work performed on an end item of SE, except for calibration. (Refer to [paragraph 16.2.2.8](#) for calibration documentation.) If no repairable component is removed, the worker will initiate the MAF using the appropriate update function. [Paragraphs 16.2.5.1](#) through [16.2.5.8](#) show on-equipment documentation. On-equipment work requiring MAF initiation are:

- 1) Repairing an end item.

- calibration.
- 2) Removing a repairable component from an end item for any reason, including calibration.
 - 3) Compliance with a TD on an end item.
 - 4) Inspecting an end item.
 - 5) Documenting preservation or depreservation.
 - 6) On-equipment cannibalization.

(b) O-Level IMRL Reportable SE. A MAF is used to induct O-level SE into the IMA for repair, periodic inspection, and TD compliance ([paragraph 16.2.5.9](#)). A requesting activity delivers the MAF and SE to the IMA. Production Control signs the MAF acknowledging receipt of the SE. Use the appropriate function inducting the item creating a MAF.

(c) Turn-In Document. NALCOMIS will generate a MAF once the repairable component ordered is approved using the Material Approval Process, this turn-in will have the same JCN as the end item, except components removed for calibration. If the component is from supply stock, the turn-in document will reflect the supply JCN per [paragraphs 16.2.5.10](#) and [16.2.5.11](#). If the component is removed from an end item, the document will be generated by NALCOMIS for the work center that removed it. A turn-in document is required even when the maintenance on the removed component is performed by the same person or shop that removed it.

(d) Removed Repairable Component Processing. Maintenance actions on a removed repairable component are off-equipment work and documented by completing the HCN/MAF ([paragraph 16.2.5.12](#)).

(2) Suffix MAF. NALCOMIS will generate a HCN/MAF for each repairable subassembly approved in the Material Approval Function. Each additional MAF will be automatically assigned a suffix to the same JCN ([paragraph 16.2.5.13](#)) used for the original maintenance action, per [paragraph 16.1](#). A suffix is required, even when the maintenance of the removed subassembly is performed by the same person or shop that removed it.

(a) Removed Repairable Subassembly. When ordering or documenting the removal of a repairable subassembly in NALCOMIS the user must indicate repairable subassembly by entering a (Y) for yes in the appropriate field. This allows NALCOMIS to set up the appropriate JCN logic for the MAF. If no repairable sub-subassemblies are removed, this is the last document required ([paragraph 16.2.5.14](#)).

(b) Removed Repairable Sub-subassembly. If repairable sub-subassemblies are removed, repeat the procedures in paragraphs 16.2.2c(1)(d) and 16.2.2c(2) above.

16.2.2.1 Support Equipment (SE) Repair Action

The repair action is the maintenance action documented on the MAF. The repair is the correction of a discrepancy or the declaration that a discrepancy did not exist. The term "documented in the normal manner", used throughout this section, refers to repair action documentation procedures.

16.2.2.2 Support Equipment (SE) Inspections and Periodic Maintenance (PM)

16.2.2.2.1 All inspections (except preoperational and postoperational), PM, and preservation/depreservation actions are documented using NALCOMIS Inspection Control MAF initiation procedures ([paragraph 16.2.5.15](#)).

16.2.2.2.2 MRC. An MRC describes an inspection or PM action that must be performed at a specified interval or situation. A group of MRCs comprising one inspection is commonly referred to as an MRC DECK.

16.2.2.2.3 Look Phase MAF Procedures. Look phase MAFs ([paragraph 16.2.5.16](#)) are used to document inspection and PM actions dictated by MRCs. WUC 030 is used for inspections occurring on a one time basis, such as acceptance, transfer, and conditional. All other inspections will be documented using WUC 030000 with the seventh position assigned per [Appendix E](#) based on the interval of the inspection.

16.2.2.2.4 For JCN structure refer to [paragraph 16.1](#).

16.2.2.2.5 Fix Phase. Refer to [paragraph 16.2.5.17](#).

16.2.2.3 Support Equipment (SE) Corrosion Documentation

16.2.2.3.1 Corrosion prevention and treatment of SE is performed as part of a scheduled maintenance requirement or as an unscheduled maintenance action.

16.2.2.3.2 Corrosion prevention requirements found while complying with MRCs (scheduled maintenance) will be documented on the inspection look phase MAF. This includes SE washing performed as part of a scheduled inspection.

16.2.2.3.3 Corrosion treatment requirements found during the look phase of an inspection will be documented on a fix phase MAF. Use AT Code Z and Malfunction Code 170. The treatment of bare metal is included in this category.

16.2.2.3.4 Unscheduled corrosion prevention is documented on the MAF only when the elapsed maintenance time exceeds one-half man-hour. Unscheduled SE cleaning and temporary repairs of bare metal are included in this category. Multiple items processed may be documented. Use Work Unit Code 040, AT Code 0, Malfunction Code 000, WD Code O, and TM Code D.

16.2.2.3.5 Unscheduled corrosion treatment actions are documented on the MAF using AT Code Z and Malfunction Code 170.

16.2.2.4 Support Equipment (SE) Preservation and Depreservation

16.2.2.4.1 MAFs are used to document preservation/depreservation of end items per NAVAIR 17-1-125 and NAVAIR 15-01-500.

16.2.2.4.2 When Production Control approves the preservation/depreservation MAF, NALCOMIS will automatically assign a numeric serial number JCN. This MAF will be used as the control document. WUC 049 and TM code D will be used.

16.2.2.4.3 Upon completion of the preservation/depreservation action the control document will be processed by Production Control with 1 item processed entered in the items processed field of the MAF.

16.2.2.4.4 MAFs are issued to each work center participating in the preservation/depreservation action. If only one work center is involved in preservation/depreservation action, man-hours may be accounted for on the control document.

16.2.2.5 Support Equipment (SE) Technical Directive (TD) Compliance

16.2.2.5.1 TD compliance is documented on the MAF (paragraphs 16.2.5.18 through 16.2.5.22). Production Control schedules all TD compliance actions and initiates all TD compliance MAFs except TD compliance turn-in documents for modification of supply stock. A numeric JCN is assigned to a TD compliance action per paragraph 16.1. A separate MAF with the same JCN is initiated for each work center involved.

NOTE: TDs must be on file within NALCOMIS prior to TD MAF initiation.

16.2.2.5.2 Figure 16-36 shows the types of TD compliance MAFs used to document TDs that apply to end items, for example, an NC-8A power unit or ALM-157 test set. If a component is removed for off-equipment inspection or modification, in compliance with an end item TD, the TD compliance MAF documenting the end item TD compliance also accounts for man-hours and EMT expended removing and reinstalling the component. A separate TD compliance MAF is required for each component removed.

16.2.2.5.3 Figure 16-37 shows the types of MAFs used to document TDs that apply only to a component, for example, a gear box or test set module. When an RFI component is removed for off-equipment inspection or modification in compliance with a component TD, a TD compliance supporting MAF is generated to account for man-hours and EMT expended removing and reinstalling the component. A separate MAF with a different JCN is required for each component removed, and a TD compliance turn-in document is generated (Figure 16-33).

16.2.2.5.4 Figure 16-38 shows the types of MAFs used when a failed component is removed as part of an end item TD. The end item TD compliance MAF accounts for the man-hours and EMT expended removing and replacing the component.

16.2.2.5.5 Figure 16-39 shows the types of MAFs used when a failed component is removed in conjunction with a component TD. The on-equipment repair action MAF accounts for the man-hours and EMT expended removing and replacing the component. Two turn-in documents are required; one to initiate the TD compliance action, and one to initiate the repair action. If the component was originally removed on a TD compliance facilitate MAF, the TD facilitate MAF is converted into a repair action MAF by identifying the removed component in the removed/old item section, changing the AT code to R, and ordering a replacement component. Documentation then continues in the normal manner of a repair MAF per paragraph 16.2.2.2.

16.2.2.6 Support Equipment (SE) Inventory Reporting Procedures

16.2.2.6.1 The SE inventory reporting system provides the SE reporting custodian with a list of major assets on hand. SE may be inventoried using an inventory code of 0. These reporting system requirements are in addition to the AMMRL Program and do not negate the reporting requirements published in NAVAIRINST 13650.1.

16.2.2.6.2 Definition of Terms. The following terms are used throughout this section in describing how to document inventory transactions.

16.2.2.6.2.1 Controlling Custodian. SECAs are responsible for fleet distribution and management of SE assets.

16.2.2.6.2.2 Reporting Custodian. Reporting custodian is the activity (usually I-level) having primary custody of the SE as indicated on the IMRL.

16.2.2.6.2.3 Inventory Codes

16.2.2.6.2.3.1 Inventory status codes define the reporting requirements and current status of SE in the inventory reporting system. Inventory codes are listed in [Appendix E](#).

16.2.2.6.2.3.2 Utilization Reportable. All equipment listed in MESM (provided on [COMNAVAIRFOR's web portal](#)) require utilization reporting. Inventory Code 0 applies to training devices and missile targets that are inventoried but for which no mission capability data is collected.

16.2.2.6.2.4 Transaction Codes. Inventory transactions are described by the transaction codes in [Appendix E](#).

16.2.2.6.2.4.1 Inventory Gain (Transaction Code 00). An inventory gain is the receipt of an SE unit into inventory reporting by a reporting custodian. SE and missile targets will be gained with an inventory status of 0 only.

16.2.2.6.2.4.2 Inventory Loss (Transaction Code 03). An inventory loss is when a reporting custodian transfers an SE unit or strikes it from naval service. An inventory loss is documented only if the unit has previously been gained and is in the inventory system.

16.2.2.6.2.4.3 Implementation. SE inventory reporting by an activity that is not currently using the MAF for inventory control. The implementation date is normally the first day of a reporting period.

16.2.2.6.2.4.3.1 Prior to implementation, the reporting custodian's Production Control generates a list of all assigned SE that requires utilization reporting. This list contains:

- a. Organization code.
- b. Equipment TEC.
- c. Equipment serial number.
- d. Equipment inventory code ([Appendix E](#)).
- e. Equipment meter reading.

16.2.2.6.2.4.3.2 Production Control prepares MAFs for all reportable equipment.

16.2.2.6.2.4.3.3 The SSCA generates a machine prepared listing and returns a minimum of two copies to Production Control for distribution.

16.2.2.6.2.4.3.4 Production Control reviews the lists for completeness and accuracy. Corrections will be made by normal submission of proper source data ([Chapter 14](#)).

16.2.2.6.2.4.3.5 The SSCA will correct the master file.

16.2.2.6.2.4.4 Inventory System Documentation Procedures

16.2.2.6.2.4.4.1 The following lists the codes necessary to properly document inventory transactions:

Transaction Code	+ Inventory Code	= Inventory Transaction
00	0	Gain into inventory of an equipment that is inventoried but for which no mission capability data is collected. These items will only be gained or lost and will require no change in MCRS reporting. This code is used for SE, training devices, and missile target inventory reporting and is not applicable to aircraft.
03	0	Loss from inventory of an equipment that is inventoried but for which no mission capability data is collected. These items will only be gained or lost and will require no change in MCRS reporting. This code is used for SE, training devices, and missile target inventory reporting and is not applicable to aircraft.

16.2.2.6.2.4.4.2 Examples of MAFs used to document equipment gain or loss are in [paragraphs 16.2.5.23](#) and [16.2.5.24](#).

16.2.2.7 Change of Reporting Custodian

All maintenance actions are terminated when an equipment transfer involves a change of reporting custodian. This is done by completing the maintenance action on the completed line as of 2400 on the date of the equipment transfer. Transaction Code 11, AT Code N, and 0 items processed will be used. The only name required is that of the supervisor. Refer to [paragraph 16.2.2.6](#) for a description of inventory procedures required for the change of reporting custodian.

16.2.2.8 Calibration Actions

16.2.2.8.1 METER Card. PME Work Center (Work Center 670) of activities participating in the MEASURE Program documents all calibration and repair actions on the METER Card per OP43P6B. A METER Card is initiated as a turn-in document for any end item or component processed to the PME Work Center for any reason. The provisions of this paragraph are not applicable to any maintenance actions performed on the calibratable BBs of the any ATE. These maintenance actions, including those incident to an off-line or on-line calibration action, shall be documented on the MAF. The calibration actions associated with any calibratable ATE BB shall be documented on the METER Card.

16.2.2.8.2 MAF. The MAF is used by work centers, other than PME, to document all maintenance actions except calibration. When a component is removed from an end item for processing to the PME Work Center (for calibration or repair), a supporting MAF is generated to account for man-hours and EMT expended removing and reinstalling the component. A separate MAF with a different JCN is required for each component removed. [Paragraph 16.2.5.25](#) is an example of a MAF documenting the removal of a component for processing to the PME work center on a METER Card.

NOTE: Only PME that requires parts to be ordered will be inducted using NALCOMIS procedures. All other repair actions will be completed on the METER Card. NO EXCEPTIONS.

16.2.3 Aeronautical Component and Item Documentation Procedures

When processing repairable components and locally repaired consumables, a MAF is used to document removal and subsequent IMA processing. These procedures will also apply to consumable components that are inducted into the IMA for repair. The MAF will be completed per [paragraph 16.2.1.3](#) and submitted for

processing even though the removal, repair, and reinstallation of a component occurs within a single work center.

16.2.3.1 Component Repair

16.2.3.1.1 If administrative screening of the turn-in component ([paragraph 16.2.5.26](#)) reveals that check, test, and repair capability exists or the repair capability has not been established within the IMA, the screening unit will notify the IMA Production Control that the component is available for scheduling into the appropriate work center for screening and repair. The screening unit will enter the Julian date the item was received in the RECD Field. When the screening unit is notified of the repair schedule for the component by Production Control, the following information will be entered on the MAF. [Paragraph 16.2.5.27](#) is an example of a BCM action by AMSU.

a. Work Center. Enter work center code of the work center assigned direct responsibility for repair of the component ([Appendix E](#)).

b. Action Organization. Enter the organization code assigned to the IMA.

16.2.3.1.2 The screening unit delivers the component and MAF to the appropriate work center. The MAF remains open until final disposition of the component is known. Any supporting documentation will be done on additional MAFs. Some of the situations requiring supporting documentation are:

a. Close Out. A close out of incomplete maintenance actions may be required by local managers for the end of each reporting period. Each maintenance action will be closed out as of the last day of the reporting period or upon transfer of the equipment.

b. Work stoppages due to a lack of parts.

c. Troubleshooting. When it is necessary to separate troubleshooting man-hours from repair man-hours, the troubleshooting man-hours are accounted for on a separate MAF. The existing MAF remains outstanding until the repair action is completed. Documentation of failed/required material and removed or installed items is done only on the repair action MAF ([paragraph 16.2.5.28](#)).

d. Assisting Work Centers Supporting the Basic Repair Action. When more than one work center works on the same maintenance action, one work center is designated the primary work center and the other work centers are assisting work centers. The primary work center will generate a separate MAF for each assisting work center with the same JCN and WD Code V. If the assisting and primary work centers work on the same WUC item, the assisting work center accounts for 0 items processed. Assist MAF documentation will be to the work center that the personnel performing the task are permanently assigned regardless of the physical location of the repair station ([paragraphs 16.2.5.29](#) and [16.2.5.30](#)).

16.2.3.1.3 If repairable subassemblies or modules are faulty, a new MAF is initiated for each subassembly or module per [paragraph 16.2.5.31](#).

16.2.3.1.3.1 Suffix and Double Suffix MAF. For each removed subassembly, module, or sub-subassembly, document per [paragraphs 16.2.1.3](#), [16.2.5.32](#), and [16.2.5.33](#).

16.2.3.1.3.2 Material Requisitioning. When a demand is placed on supply for a replacement subassembly, module, or sub-subassembly using the suffix or double suffix JCN, NALCOMIS will enter the JCN on the DOD Single Line Item Requisition System Document (DD 1348) issue document that is generated at ASD. This action is necessary to establish the requirement for a local repair cycle asset of subassemblies and modules to stock PEBs. The suffix or double suffix MAF is forwarded to Supply, with the remainder of the suffix or double suffix MAF processed the same as for any repairable item.

16.2.3.1.4 Failed/Required Material. The requirement for repairable subassemblies, modules, or sub-subassemblies will be recorded in this field of the original (major component) or subassembly MAF per [paragraph 16.2.1.3](#) with the following additional requirements:

- a. Project. Enter the MILSTRIP project code assigned by Production Control.
- b. Priority. Enter the MILSTRIP priority assigned to the material requisition.
- c. Date Ordered. NALCOMIS generated.
- d. Requisition Number. NALCOMIS generated.
- e. Date Received. NALCOMIS generated.

16.2.3.1.5 Retain the major component, subassembly, or module MAF. In the case of an AWP situation, the major component, subassembly, or module MAF will be forwarded with the defective component to the AWP unit.

16.2.3.1.6 When it becomes necessary to transfer a repairable item off ship or station because of a lack of parts (BCM-4), the unavailable items are entered in the Failed/Required Material fields and Maintenance/Supply Record fields will be completed to reflect AWP time. Use of AT Code 4 is restricted to occasions when the same AT code is entered for a major assembly identified by the WUC. Complete the MAF via normal MAF clearing cycle. When the maintenance action is completed, the Work Center Supervisor gives the component, the MAF, and material condition tag to the material delivery representative, and retains a copy of the MAF for MDR verification.

16.2.3.1.7 Cannibalization. Any order to cannibalize must come from Production Control who will issue and approve a cannibalization action for the removal and replacement of a component being cannibalized. Document cannibalization actions per [paragraphs 16.2.5.34](#), [16.2.5.35](#), and [16.2.5.36](#).

16.2.3.1.8 Matched Set. The repair of matched sets will be documented in the same manner shown in [paragraph 16.2.5.37](#).

16.2.3.1.9 Tire and Wheel Documentation. The built up wheel and tire assembly will be turned into IMA on a MAF turn-in document. When documenting the built up wheel and tire assembly, it is treated as a major repairable component with repairable subassemblies. In the event a wheel assembly is found to have different SERNOs on each wheel half, the SERNO of the valve core half will be used for control and documentation purposes. Man-hours for routine processing of the wheel, such as cleaning and painting, will be documented on the turn-in MAF. NDI will be documented on an assist MAF. A MAF work request prepared by supply will be required when a wheel assembly replacement must be built up to replenish supporting supply activity pool. The Work Center Supervisor will inspect the tire to determine serviceability. If unserviceable, the tire carcass will be marked for retread or scrap and BCM Code 1 or 9 used (as appropriate) ([paragraph 16.2.5.38](#)).

NOTE: The unserviceable tire will be returned to supply and identified with the appropriate code to indicate retread or scrap. Supply will establish a pool based on the appropriate wheel assembly, part numbers, stock numbers, or pool index numbers. All requests will be against this number. Supply shall pre-expend or subcustody tires to the tire shop as required. Tires requisitioned on a one-for-one basis shall be ordered using the Failed/Required Material Fields of the MAF. Enter AT Code R for tires that are categorized as repairable and must be accounted for on the turn-in MAF. A turn-in suffix MAF is generated automatically for each tire that is BCMd.

16.2.3.1.10 Battery Documentation. Batteries will be turned in to the IMA on a MAF turn-in document. They will be documented as follows:

- a. Batteries received for scheduled maintenance and not requiring maintenance other than servicing, use Transaction Code 31, AT Code A, and MAL Code 804.
- b. Batteries received for repair or scheduled maintenance and requiring maintenance other than servicing, use Transaction Code 31 or 32, AT Code C, and an appropriate MAL code.
- c. EMT does not include the clock hours for charging time when maintenance personnel are not actually monitoring the work.

16.2.3.1.11 Inter-IMA Support. In some instances an IMA will be required to transfer non-RFI repairables to another IMA for repair, such as post deployment off-load by a carrier IMA, or shipment of a BCM item to an IMA known to have repair capability. Documentation procedures in these instances are as follows:

a. Transferring IMA Close Out (Post and Predeployment). [Paragraph 16.2.5.39](#) is an example of a MAF for post and predeployment close out.

(1) Close out the original MAF, entering the appropriate AT code ([Appendix E](#)) and any man-hours and EMT expended prior to transfer. In the case of post deployment off-load, use of AT Code D is mandatory, whether the item was AWP, AWM, or IN WORK at the time of the off-load. In other instances, a BCM code will ordinarily be appropriate. The MAF will be submitted by the transferring IMA for processing; A copy of this MAF will accompany the item to the AMSU or AWP unit and will be shipped with the component to the receiving IMA.

(2) WRAs must have all D-level repairable SRAs installed prior to closing out the MAF for shipment to the receiving IMA. Likewise, SRAs with attaching D-level repairable SSRAs must have attaching SSRAs installed prior to closing out the MAF for shipment of the SRA to the receiving IMA.

(3) WRAs missing FLR components will have such components installed prior to closing out the MAF for shipment to the receiving IMA provided the component is still available. Otherwise, document the missing FLR component per the following paragraph.

(4) When a field level repairable SRA has been removed from the WRA and no replacement SRA is installed prior to off-load, document the close-out (original) MAF as follows: Failed/Required Material Index - Enter H-Z for each "missing" module, subassembly or sub-subassembly (as appropriate). Failed Part - Enter an X (as appropriate). Awaiting Parts - Enter an X (as appropriate). AT code - Enter P. MAL, FSCM, Part Number, Ref Symbol, Qty, Date Ordered, Requisition Number - Enter appropriate data to identify the missing unit. Date Received - Enter date the requisition was cancelled. Transaction Code - Enter 32.

(5) On turn-in MAF, ensure FSCM, PN, Ref Symbol, Qty, Date Ordered, and Ref Number of H-Z field are filled in for each "missing" module, subassembly, or sub-subassembly (as appropriate).

NOTE: To allow for proper supply documentation ensure CCS is notified of missing FLR SRAs from the WRA to be shipped off-station. Supply shall cancel any off-ship/station requisitions for missing FLRs prior to closing out the MAF. The importance of proper documentation cannot be overemphasized.

b. Receiving IMA Reinitiation Document. [Paragraph 16.2.5.40](#) is an example of a reinitiated MAF from a transferring IMA. Upon receipt of a repairable item from another IMA, receiving AMSU will forward a copy of the MAF to the local supply CCS. Subsequent repair/disposition will be documented on the new

MAF per [paragraph 16.2.1.3](#), except that the RECEIVED DATE field will reflect the date the component was received from the transferring IMA.

16.2.3.1.12 Receipt of Unsatisfactory Material from the Supply Department. When components received from supply prove unsatisfactory, these procedures will be followed.

16.2.3.1.12.1 Component received, installed, and determined to be non-RFI:

a. Complete original MAF, Failed/Required Material fields.

b. Requisition a replacement component using original MAF, Failed/Required Material Fields. NALCOMIS will automatically generate a turn-in document to accompany the non-RFI component. Ensure the MAF is completed per [paragraph 16.2.1.3](#) with the following exception: WD CODE field must be "Y" (received bad from Supply).

16.2.3.1.12.2 Component received non-RFI (not installed) or improper replacement received. Turn-in the non-RFI/improper component to the AWP unit. The AWP unit will prepare a DOD Single Line Item Release Receipt Document (DD 1348-1) using Record Type 62 for return of the material to SRS. Ensure all accompanying documentation, for example, RFI tag, SRC Card, and MAF are returned with all items.

16.2.3.1.13 Component Received Missing SRC Card, ASR, MSR, or AESR. Components, assemblies, or equipment received from supply missing SRC cards, ASRs, MSRs, or AESRs shall be considered as non-RFI and turned in on a DOD Single Line Item Release Receipt Document (DD 1348-1) prepared by Material Control. If the component is installed and cannot be determined to be new, it shall be considered as faulty. [Paragraph 16.2.5.41](#) is an example of a MAF documented for turn-in of a component that is missing the SRC card. Items missing ASRs, MSRs, or AESRs should be documented in a similar manner.

NOTE: If the determination can be made that the component is in fact new, an SRC Card, ASR, MSR, or AESR will then be initiated by the requisitioning activity.

16.2.3.1.14 Corrosion Supporting MAF. Documentation of man-hours expended for corrosion prevention during the repair of WRAs/SRAs are considered part of the repair process and are included on the repair MAF ([paragraph 16.2.5.42](#)).

16.2.3.1.15 Processing of Items Not Having a WUC/Not Identifiable to a Specific Type Equipment. The maintenance effort in check/test/servicing of items or equipment for which no WUC exists or that cannot be identified to a specific TEC is documented as described in [paragraph 16.2.3.2](#), MAF Work Request.

16.2.3.1.16 Repair of Supply Assets. The repair of supply assets will be documented in the same manner as discussed in [paragraph 16.2.1.3](#) with the following exceptions:

a. The local supply department will initiate a MAF completing all required data elements.

b. JCN assignment will be made by the Supply Department using the organization code assigned to the Supply Department, for example, A8D or C84. Refer to Maintenance Data VALSPEC (<http://www.navair.navy.mil/logistics/valspec>).

c. When in receipt of an applicable TD for compliance, the Supply Department, working with the IMA QA, will screen all assets to ensure modification incorporation (where applicable).

d. The IMA Production Control and Supply will schedule applicable/required maintenance actions in a timely manner. [Paragraph 16.2.5.43](#) is an example of the MAF documented for an end item turned in from a supply activity for TD compliance.

16.2.3.2 Maintenance Action Form (MAF) Work Request

16.2.3.2.1 The MAF Work Request is used to document man-hours expended in support of work or assistance that is beyond the requesting activity's capability and does not involve repair of aeronautical material. It is used primarily for, but is not limited to, the following:

- a. Inducting items from supply for buildup, such as engines and propellers.
- b. Inducting items not having a WUC or not identifiable to a specific type equipment for check, test, service, manufacture, or fabrication.
- c. Requesting NDI either on-site or at the IMA when a TD is not involved.

NOTE: Work requests for items removed for local manufacture or fabrication must be approved and signed by the requesting activity's Maintenance Control Supervisor and the supporting activity's Production Control Supervisor. Batteries received for check, test, or service will be documented per [paragraph 16.2.3.2.4](#). ALSS and AEP will be documented per [paragraph 16.2.3.2.5](#).

16.2.3.2.2 Examples of MAF Work Requests are in [paragraphs 16.2.5.44](#) through [16.2.5.52](#).

16.2.3.2.3 This and subsequent paragraphs outline the procedures for documentation and processing of maintenance requirements when approved and signed by both the requesting activity's Maintenance Control Supervisor and the supporting activity's Production Control Supervisor or their authorized representatives. Upon receipt of the MAF work request and item(s), Production Control will sign a copy of the MAF work request, acknowledging receipt of the item(s), and return it to the originating activity. Upon completion of check, test, or manufacture, the work center will notify Production Control of job completion. A copy of the MAF will be attached to the item(s) and routed to Production Control who will notify the originating activity that the item(s) is/are ready for pickup. Production control will issue the item(s), with a MAF attached to the item(s) and inform the originating activity that the item(s) is/are ready for pickup.

16.2.3.2.4 Items completing check, test, or local manufacture will be processed as described in [paragraphs 16.2.5.44](#) through [16.2.5.52](#).

16.2.3.2.5 ALSS/AEP MAF Documentation Procedures. ALSS/AEP will be turned into the I-level maintenance activity on a MAF turn-in document. They will be documented as follows:

- a. ALSS/AEP received for scheduled maintenance and not requiring maintenance, use Transaction Code 31, AT Code "A" and MAL Code 804.
- b. ALSS/AEP received for unscheduled or scheduled maintenance and requiring maintenance use Transaction Code 31 or 32, AT Code "C" and an appropriate MAL code.
- c. EMT does not include clock hours for leak check time when maintenance personnel are not actually monitoring the work.
- d. Requisition and turn-in procedures for ALSS/AEP assemblies and repair parts shall be per standard induction/requisition procedures. All turn-ins will be delivered directly to the respective pool work center.

16.2.3.2.6 Examples of ALSS/AEP MAF documentation are in [paragraphs 16.2.5.53](#) through [16.2.5.63](#).

16.2.3.2.7 Supply Asset Induction. Used to induct supply assets for repair for items missing the material condition tag/history records ([paragraphs 16.2.5.64](#) and [16.2.5.65](#)).

16.2.3.3 Technical Directive (TD) Compliance

16.2.3.3.1 If a TD is complied with at the O-level (on-equipment work), all maintenance actions will be documented using the MAF.

16.2.3.3.2 If during compliance with a TD it becomes necessary to forward an item to the IMA for modification or inspection and return, the following procedures will be followed:

a. If the IMA informs the O-level activity that the item requires repair, the O-level activity must initiate another MAF for turn-in and requisitioning purposes using the original JCN and will be documented by the IMA. The outstanding TD compliance MAF originally provided to the IMA will be destroyed. After the repair action is complete, Production Control will then initiate a replacement TD compliance MAF using a supply JCN.

b. Items processed in excess of 1 may be entered only when the TEC Field contains a code beginning with Y, D, S, H, or G or ending with 9 and is either a nonserialized item or does not include a part number change in the REMOVED/OLD ITEM or INSTALLED/NEW ITEM fields. Serialized items for which a part number change is reflected in fields E or G must be accomplished on an individual TD compliance MAF.

16.2.3.3.3 Examples of TD MAFs are in [paragraphs 16.2.5.66](#) through [16.2.5.70](#).

16.2.3.4 Recovery and Reclamation of Crash Damaged Aircraft

16.2.3.4.1 General procedures and policies for recovery, reclamation, and transfer of crash damaged aircraft are in [Chapter 5](#) and OPNAVINST 3750.6.

16.2.3.4.2 Supply Department. The Supply Officer notifies the supporting IMA that the aircraft is available for reclamation and provides the reclaiming activity with the MSL. No one, other than the I-level activity reclamation team, is allowed access to stricken aircraft. Disposition of components obtained from reclamation is performed by initiation of a MAF work request and induction of the defective component to the I-level activity. A copy of the MAF is retained in the CCS suspense file. This MAF is annotated with the word "reclaimed" ([paragraphs 16.2.5.64](#) and [16.2.5.65](#)). When reclaimed components are returned from the IMA RFI, they are put in stock as a gain by inventory. If non-RFI, they are shipped to a designated repair point.

16.2.3.4.3 IMA. When notified by Supply Department that a stricken aircraft is available for reclamation, the IMA assembles a team and reclaims all potential repairable components in addition to those listed in the current MSL, as provided by the supporting Supply Officer. In addition, some usable consumable items may also be reclaimed. All components not reclaimable are destroyed to the point where they will not be accepted by the Supply Department for an exchange item. All salvaged components will be turned over to the supply department immediately, whether or not they are included on the MSL. Repair of salvaged components is documented on a MAF.

16.2.3.4.4 Requests for stricken aircraft, components, or assemblies will be directed to the CO of the salvaging activity, marked Attention: Supply Officer.

16.2.3.4.5 O-level activities that have NTCSS Optimized OMA NALCOMIS CM ALS records must coordinate with the Supply Department and IMA to ensure the integrity of NTCSS Optimized OMA NALCOMIS CM ALS records. Records must be properly stricken or removed from the aircraft NTCSS Optimized OMA NALCOMIS CM ALS records and transferred to the supply department for further documentation.

16.2.4 I-Level Engine, Auxiliary Power Unit (APU), and Support Equipment Gas Turbine Engine (SEGTE) Maintenance Documentation Procedures

a. Documentation procedures are broken down into two parts; conventional engines ([paragraphs 16.2.5.71 through 16.2.5.102](#)) and modular engines ([paragraphs 16.2.5.103 through 16.2.5.131](#)).

b. Documentation procedures, whether an aircraft engine, APU, or SEGTE are the same with the following exceptions:

(1) Failed/Required Material FSCM Field. When identifying an APU or SEGTE always enter numeric 1 for engine position; for example, PHAB1.

(2) Removed/Old Item or Installed/New Item FSCM Fields. When identifying an APU or SEGTE always enter numeric 1 for engine position; for example, PHAB1.

(3) Removed/Old Item or Installed/New Item Time/Cycles Fields. When documenting APU or SEGTE enter the engine hour meter or start counter reading (as appropriate).

c. Engine, APU, and SEGTE Corrosion Documentation. Corrosion prevention and treatment of engine, APU, and SEGTE is performed as part of a scheduled maintenance requirement or as an unscheduled maintenance action.

d. Corrosion prevention requirements found while complying with MRCs (scheduled maintenance) will be documented on the inspection look phase MAF.

e. Corrosion treatment requirements found during the look phase of an inspection will be documented on a fix phase MAF. Use AT Code Z and Malfunction Code 170. The treatment of bare metal is included in this category.

f. Unscheduled corrosion prevention is documented on the MAF only when the elapsed maintenance time exceeds one-half man-hour. Unscheduled aircraft cleaning and temporary repairs of bare metal are included in this category. Multiple items processed may be documented. Use Work Unit Code 040, AT Code 0, Malfunction Code 000, WD Code O, and TM Code D.

g. Unscheduled corrosion treatment actions are documented on the MAF using AT Code Z and Malfunction Code 170.

16.2.4.1 Engine Repair

16.2.4.1.1 Control Document. The turn-in document will be retained as a control document until the repair is complete.

16.2.4.1.2 All man-hours and EMT expended in accomplishing the repair will be documented on the MAF.

16.2.4.1.3 The same JCN will be used for repair actions requiring the removal and replacement of consumable components and fix-in-place discrepancies.

16.2.4.1.4 Suffix JCNs will be used for repair actions requiring the removal and replacement of repairable components.

16.2.4.1.5 Examples of conventional engine repair documentation are in [paragraphs 16.2.5.71 through 16.2.5.83](#).

16.2.4.2 Major Engine Inspections

16.2.4.2.1 Major engine inspections to be performed at the IMA fall into two categories; inspections on engines inducted for the sole purpose of inspection, and inspections subsequent to repair. As part of the repair action the I-level activity must perform the next major inspection due using the criteria in this instruction.

16.2.4.2.2 General instructions for documentation of major engine inspections are in the following paragraphs.

16.2.4.2.3 Control Document

a. For engines turned in solely for inspection, the turn-in document will serve as the control document for the inspection.

b. For major engine inspections after repair, IMAs will initiate a MAF to serve as the inspection control document. The JCN will be provided by the O-level activity in the Discrepancy Field of the turn-in MAF.

c. If only one work center is involved in the inspection, look phase man-hours and elapsed maintenance time may be entered on the control document. If more than one work center is involved, a supporting MAF must be documented for each work center involved in the inspection.

d. The WUC for engine inspections will be constructed in the following manner:

(1) First three positions will be 030.

(2) Fourth through sixth positions will reflect the hour level of the engine inspection (divided by 10) being performed. For example, a 900-hour engine inspection would be recorded in these positions as 090.

(3) Seventh position is zero.

(4) The WUC for a 900-hour engine inspection would be as follows: 0300900

e. When MRCs do not specify a specific interval such as, T56, F404, for a major inspection, the hour level will be calculated by multiplying the number of aircraft phases times the phase interval. As an example, for the T56-A-14, the WUC 0301200 would be used for the major inspection.

16.2.4.2.4 Repair Document. Job Control Number Fields. Enter the same data elements as on the control document but with sequential numbering in the second and third positions of the serial number for example, A01, A02. If more than 99 numbers are required for this purpose, refer to [paragraph 16.1](#) for additional information.

16.2.4.2.5 Examples of major engine inspection documentation are in [paragraphs 16.2.5.84](#) through [16.2.5.91](#).

16.2.4.3 Technical Directive (TD) Compliance

16.2.4.3.1 It shall be the policy of the IMA to incorporate all immediate changes, within their capability, while the engine is in the possession of the I-level activity for repair.

16.2.4.3.2 Technical Directive Compliance MAF Initiation. TD compliance MAF initiation can be originated from three sources; supply activity, O-level, and I-level Production Control:

a. The supply activity originates the TD compliance MAF using a supply JCN for TD compliance on all engines or engine components held as supply stock. Examples of documentation are in [paragraphs 16.2.5.92, 16.2.5.93, and 16.2.5.94](#).

b. O-level activities originate the TD compliance MAF using an O-level JCN for engines or engine components sent to the IMA solely for TD compliance. Examples of documentation are in [paragraphs 16.2.5.95, 16.2.5.96, and 16.2.5.97](#).

c. I-level Production Control originates the TD compliance MAF for engines or engine components inducted for repair which require TD compliance. Examples of documentation are in [paragraphs 16.2.5.98 and 16.2.5.99](#).

16.2.4.3.3 O-level activities requesting assistance from the IMA in the incorporation of a TD shall use the procedures per [paragraphs 16.2.5.100, 16.2.5.101, and 16.2.5.102](#).

16.2.4.4 Modular Engine Repair

[Paragraphs 16.2.5.103 through 16.2.5.117](#) are examples of repairs on modular engines and associated components. The TEC Field will reflect the equipment category and model/series of the engine. For modules, the engine application series (fourth position) will be X, for example, the F404-GE-400 module would be TXAX.

16.2.4.5 Modular Engine Major Inspections

16.2.4.5.1 The major engine inspections to be performed at the IMA fall into two categories; the inspections on engines inducted for the sole purpose of the inspection, and inspections subsequent to repair. As part of the repair action the IMA must perform the next major inspection due using the criteria in this instruction.

16.2.4.5.2 General instructions for documentation of the major engine inspections follow:

a. Control Document:

(1) For engines turned in solely for inspection, the turn-in document will serve as the control document for the inspection.

(2) For major engine inspections subsequent to repair, the IMA will initiate a MAF to serve as the inspection control document. The inspection JCN will be provided by the O-level activity in the Discrepancy Field of the turn-in MAF.

(3) If only one work center is involved in the inspection, look phase man-hours and EMT may be entered on the inspection control document. If more than one work center is involved, a separate supporting MAF must be documented for each work center involved in the inspection.

b. The inspection WUC and repair JCN are described in [paragraph 16.2.4.2](#).

16.2.4.5.3 Examples of major engine inspection documentation are in [paragraphs 16.2.5.118 through 16.2.5.126](#).

16.2.4.6 Modular Engine Technical Directive (TD) Compliance

16.2.4.6.1 It shall be the policy of the IMA to incorporate all immediate changes, within their capability, while the engine is in the possession of the I-level activity for repair.

16.2.4.6.2 All TDs for modular engines will be issued against the module.

16.2.4.6.3 WUC will be that of the module or component of the module but never the engine.

16.2.4.6.4 The TEC Field will reflect the equipment category and model/series of the engine. For modules, the engine application series (fourth position) will be "X", for example, the F404-GE-400 module would be TXAX. If a component is being sent from supply for TD compliance, the TEC will be for the equipment category model/series with an X in the application series (fourth position), for example, an F404-GE-400 engine component separate from a module would be TXAX.

16.2.4.6.5 If the TD applies to more than one module, a separate MAF will be issued for each module.

16.2.4.6.6 Transaction Code 41 will be used with modules that do not have a part number change.

16.2.4.6.7 Transaction Code 47 will be used for either a module with a part number change or a TD incorporation on a component. Removed/Old Item Fields and Installed/New Item Fields will be completed.

16.2.4.6.8 JCN will be that of the activity requesting the TD compliance.

16.2.4.6.9 When a complete engine is being turned in for a TD compliance, the PSSN will be reflected in the Discrepancy Field.

NOTE: If an engine or engine component sent to the IMA for a TD compliance is found to require repair, the IMA will inform the O-level activity which must provide a turn-in MAF for documenting the repair action. The original TD compliance MAF is destroyed and Production Control initiates a replacement TD compliance MAF using a supply JCN.

16.2.4.6.10 Examples of TD compliance on modular engines, modules, and their associated components are in [paragraphs 16.2.5.127](#) through [16.2.5.131](#).

16.2.4.7 Engine or Module Component Cannibalization Actions for the Intermediate Maintenance Activity (IMA)

Production Control, when authorized by Supply, will initiate cannibalization actions for awaiting parts repair or not mission capable supply or partial mission capable supply situations. The removal of components for cannibalization and the replacement of components after cannibalization will be documented on one MAF using the procedure outlined in [paragraph 16.2.5.132](#).

16.2.4.8 Documentation of Cartridges (CARTs), Cartridge Actuated Devices (CADs), and Propellant Actuated Devices (PADs)

Replacement of installed explosive devices requires an individual MAF for removal and replacement of each device. The removal and replacement action will be documented in the REMOVED/OLD ITEM and INSTALLED/NEW ITEM blocks using Transaction Code 18 or 19 (as appropriate). The WORK UNIT CODE block (A22) shall reflect the WUC that is assigned in OOMA NALCOMIS baseline or, for Legacy NALCOMIS users, obtained from the WUC manual. The PART NUMBER blocks (E23 and G23) shall reflect the lot number of the devices being removed and installed. TIME/CYCLES blocks (E42 and G38) shall have an entry using Time/Cycle Prefix Code H and the container open date for CARTs or CADs and the propellant manufacture date for PADs. An example is in [paragraph 16.2.5.133](#).

16.2.5 Documentation Explanations

16.2.5.1 End Item Repair (No Removed Component)

Figure 16-13 is an example of a MAF documented when repairing an end item if no repairable components are removed. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Must be 11 or 12. (Appendix E)
M/L - Must be 1.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed; first position must be D,G,H,M,S,V, or Y.
BU/SER NUMBER - Enter the appropriate bureau/serial number; must be on database.
W/D - Enter the appropriate WD code. (Appendix E)
T/M - Enter the appropriate TM code. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - JCN system generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.2 End Item Repair of a SEGTE (No Removed Component)

Figure 16-14 is an example of a MAF documented when repairing an end item if no repairable components from an SEGTE are removed. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data to identify the SEGTE, always enter numeric one (1) for engine position in FSCM field; for example, PDCA1: enter the failed part(s)/record supply requisition(s). A/T is 0, MAL Code is 000, and QTY is 00000.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
TRANS - Must be 12. (Appendix E)
M/L - Must be 1.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number; must be on database.

W/D - Enter the appropriate WD code. ([Appendix E](#))
T/M - Enter the appropriate TM code. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter appropriate job status, Julian dates and times.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.3 End Item Repair (Removed Repairable Component)

[Figure 16-15](#) is an example of a MAF documented when repairing an end item that involved removal and replacement of a repairable component. A MAF with a different JCN is required for each removed repairable component. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisitions(s).
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Must be 23. ([Appendix E](#))
M/L - Must be 1.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
IP - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number; must be on database.
W/D - Enter the appropriate WD code. ([Appendix E](#))
T/M - Enter the appropriate TM code. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates the contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates the contract number.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.4 Facilitate Other Maintenance (FOM) Action

Figure 16-16 is an example of a FOM MAF. A FOM action is the removal and reinstallation of an RFI component from the same end item in support of another maintenance action on the end item. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisitions(s).
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Must be 11. (Appendix E)
M/L - Enter the appropriate maintenance level.
A/T - Must be S. (Appendix E)
MAL CODE - Must be 800. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Enter the appropriate WD code. (Appendix E)
T/M - Enter the appropriate TM code. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/compleved date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.5 Primary Work Center Repair Action

When more than one work center works on the same maintenance action (Figures 16-17, 16-18, and 16-19), one of them is designated the primary work center and the others are assisting work centers. Each work center participating in the maintenance action will generate a separate MAF with the same JCN. The primary work center describes the original method of discovery and accounts for the number of items processed. Assisting work centers document WD Code V. If the assisting and the primary work centers work on the same work unit coded item, the assisting work center accounts for 0 items processed. If they work on different work unit coded items, the assisting work center accounts for its number of items processed. Refer to paragraph 16.2.5.4 for an example of FOM actions. Figure 16-17 is an example of the MAF documented for a repair action requiring an assisting work center. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisitions(s).
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.

TRANS - Must be 11 or 12. ([Appendix E](#))
M/L - Enter the appropriate maintenance level.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Must be 800. ([Appendix E](#))
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Enter the appropriate WD code. ([Appendix E](#))
T/M - Enter the appropriate TM code. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.6 Assisting Work Centers (Same WUC)

[Figure 16-18](#) is an example of an assisting work center working on a same work coded item. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisitions(s).
WORK UNIT CODE - Must be the same as the primary work center's MAF.
ACT ORG - System generated.
TRANS - Enter the appropriate transaction code. ([Appendix E](#))
M/L - Enter the appropriate maintenance level.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Items processed must be 0.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.7 Assisting Work Centers (Different WUC)

Figure 16-19 is an example of an assisting work center working on a different work unit coded item. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisitions(s).

WORK UNIT CODE - Must be the different than the primary work center.

ACT ORG - System generated.

TRANS - Enter the appropriate transaction code. [Appendix E](#))

M/L - Enter the appropriate maintenance level.

A/T - Enter the appropriate AT code. ([Appendix E](#))

MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))

I/P - Enter the total number of items processed.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TYPE EQUIP - System generated.

BU/SER NUMBER - System generated.

W/D - System generated.

T/M - System generated.

POSIT - Enter the appropriate PSI (if applicable).

SFTY/EI - Enter the appropriate safety/EI number (if applicable).

METER - Enter the appropriate meter time (if applicable).

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

JOB CONTROL NUMBER - System generated upon Production Control approval.

WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).

DISCREPANCY - Enter the narrative description of the discrepancy.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.8 On-Equipment Cannibalization

Cannibalization is the removal of an RFI item from one piece of equipment so that it may be used in a different piece of equipment. Cannibalization is controlled by Maintenance Control/Production Control, and should be authorized only when it appears that Supply cannot respond in time to avoid the curtailment of the operational commitment. The cancellation of a cannibalization JCN should occur only if no cannibalization action has been physically started. In the event that the actual removal for cannibalization action has been initiated/completed and the requirement is then cancelled, reinstall the cannibalized item, documenting the action as if it were to FOM. [Figure 16-20](#) is an example of cannibalization and subsequent replacement of a component from an end item and is documented on a MAF in normal manner of a removed and replaced component. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - System generated.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - System generated. (Appendix E)
M/L - System generated.
A/T - System generated. (Appendix E)
MAL CODE - Enter the appropriate MAL code; must be 812, 813, or 814. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the equipment.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Enter WD code; must be O. (Appendix E)
T/M - TM code; must be B. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.9 Support Equipment (SE) Turned-In by a Supported Activity for Scheduled or Unscheduled Maintenance (Excluding PME)

Figures 16-21 and 16-22 are examples of a turn-in MAF from a supported activity requesting scheduled or unscheduled maintenance on a piece of SE. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "SI".

ENTRIES REQUIRED SIGNATURE - Not required.
ACCUMULATED WORK HOURS - Not required.
FAILED/REQUIRED MATERIAL - Not required.
WORK UNIT CODE* - Enter the specific WUC of the item being inducted.
ACT ORG - System generated.
TRANS - Not required.
M/L* - System generated.
A/T - Not required.
MAL CODE - Not required.
I/P - Not required.
HOURS - Not required.
EMT - System generated.

TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate serial number.
W/D* - Enter WD Code O. ([Appendix E](#))
T/M* - Enter the appropriate TM code. ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated.
MAINTENANCE/SUPPLY REC - Not required.
REMOVED/OLD ITEM - Not required.
JOB CONTROL NUMBER* - Enter the JCN from the activity turning in the equipment.
WORK CENTER* - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY* - Enter the narrative description of the discrepancy. Enter the point of contact.
CORRECTIVE ACTION - Not required.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
PILOT/INITIATOR* - Enter the name of the person (as appropriate).
MAINT CONTROL - Not required.

16.2.5.10 Turn-In Document (Off-Equipment Repair)

[Figure 16-23](#) is an example of the turn-in document to initiate an off-equipment repair of a removed component. A separate turn-in document with the same JCN as the removal MAF is required for each removed component to be repaired. The following data fields are system generated. Automated AMSU induction displays the following information:

WORK UNIT CODE - System generated.
ACT ORG - I-level organization code; system generated.
TRANS - ([Appendix E](#))
M/L - System generated.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Enter the total number of items processed.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. (Optional)
MAINTENANCE/SUPPLY REC - System generated. (Optional)
REMOVED/OLD ITEM - System generated.
JOB CONTROL NUMBER - System generated.
WORK CENTER - System generated.
DISCREPANCY - System generated.
CORRECTIVE ACTION - Applies to auto BCM actions.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Applies to auto BCM actions.
MAINT CONTROL - No entry allowed.

16.2.5.11 Turn-In Document SEGTE Repair

[Figure 16-24](#) is an example of the turn-in document to initiate an off-equipment repair of SEGTE. The following data fields are system generated. Automated AMSU induction displays the following information:

WORK UNIT CODE - System generated.
ACT ORG - I-level organization code; system generated.
TRANS - Transaction code. ([Appendix E](#))
M/L - System generated.

A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. (Optional)
MAINTENANCE/SUPPLY REC - System generated. (Optional)
REMOVED/OLD ITEM - System generated.
JOB CONTROL NUMBER - System generated.
WORK CENTER - System generated.
DISCREPANCY - System generated.
CORRECTIVE ACTION - Applies to auto BCM actions.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Applies to auto BCM actions.
MAINT CONTROL - No entry allowed.

16.2.5.12 Off-Equipment Component Repair

Figure 16-25 is an example of a completed off-equipment component repair action documented by completing the turn-in MAF. This is the last MAF required if no repairable subassemblies are removed on the component. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields system generated from the turn-in document.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE* - Enter the specific WUC of the item being processed. System generated.
ACT ORG* - I-level organization code. System generated.
TRANS - Must be 31 or 32. (Appendix E)
M/L* - Must be 2. System generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
TYPE EQUIP* - Enter the TEC for the item being processed. System generated.
BU/SER NUMBER* - Enter the appropriate bureau/serial number; must be on database. System generated.
W/D* - Enter the appropriate WD code. System generated. (Appendix E)
T/M* - Enter the appropriate TM code. System generated. (Appendix E)
POSIT* - Enter the appropriate PSI (if applicable). System generated.
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number. System generated.
WORK CENTER* - Enter the appropriate work center code. System generated. (Appendix E).
DISCREPANCY* - Enter the narrative description of the discrepancy. System generated.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.13 Suffix Turn-In Document

Figure 16-26 is an example of the suffix MAF turn-in document to initiate an off-equipment repair of a subassembly removed from a component. A separate turn-in document with a different suffix of the JCN used for component removal is required for each removed subassembly. The following data fields are system generated. Automated AMSU Induction displays the following information:

WORK UNIT CODE - System generated.
ACT ORG - I-level organization code; system generated.
TRANS - (Appendix E)
M/L - System generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated.
MAINTENANCE/SUPPLY REC - System generated.
REMOVED/OLD ITEM - System generated.
JOB CONTROL NUMBER - System generated.
WORK CENTER - Blank.
DISCREPANCY - System generated.
CORRECTIVE ACTION - Applies to auto BCM actions.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Applies to auto BCM actions.
MAINT CONTROL - No entry allowed.

16.2.5.14 Off-Equipment Subassembly Repair

Figure 16-27 is an example of a completed off-equipment component repair action documented by completing the turn-in suffix MAF. This is the last MAF required if no repairable sub-subassemblies are removed from the subassembly. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields from the turn-in document.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE* - Enter the specific WUC of the item being processed. System generated.
ACT ORG* - I-level organization code. System generated.
TRANS - Must be 31 or 32. (Appendix E)
M/L* - Must be 2. System generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
TYPE EQUIP* - Enter the TEC for the item being processed. System generated.
BU/SER NUMBER* - Enter the appropriate bureau/serial number. System generated.
W/D* - Enter the appropriate WD code. System generated. (Appendix E)
T/M* - Enter the appropriate TM code. System generated. (Appendix E)
POSIT* - Enter the appropriate PSI (if applicable). System generated.
SFTY/EI - Enter the appropriate safety/EI number (if applicable).

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number. System generated.

JOB CONTROL NUMBER* - JCN system generated.

WORK CENTER* - Enter the appropriate work center code. System generated. (Appendix E).

DISCREPANCY*- Enter the narrative description of the discrepancy. System generated.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: If repairable sub-assemblies are removed, repeat the procedures described in paragraphs 16.2.5.13 and 16.2.5.14. NALCOMIS will automatically assign a double suffix JCN as outlined in paragraph 16.1.

16.2.5.15 Inspection Control Document

Figure 16-28 is an example of an inspection control document. Production Control will generate a control MAF for each look phase inspection. The control document has a special JCN constructed per paragraph 16.1 and is used to accumulate the man-hours (NALCOMIS will track EMT) expended by the primary work center controlling the inspection. Control documents will account for 1 item processed. If the primary work center performs the entire inspection, the control document is the only MAF required. If more than one work center is involved in the look phase, the control MAF will show 1 item processed and 0.0 man-hours and the supporting look phase MAF will show 0 items processed and accumulated man-hours. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the total number of man-hours if combined with look phase.

FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).

WORK UNIT CODE - First three positions must be 030.

ACT ORG - I-level organization code. System generated.

TRANS - Must be 11. (Appendix E)

M/L - Enter the appropriate maintenance level.

A/T - System generated. (Appendix E)

MAL CODE - Must be 000. System generated. (Appendix E)

I/P - Must be 01.

TYPE EQUIP - Enter the TEC.

BU/SER NUMBER - Enter the appropriate bureau/serial number.

W/D - System generated. (Appendix E)

T/M - System generated. (Appendix E)

POSIT - Enter the appropriate PSI (if applicable).

SFTY/EI - Not required.

METER - Enter the appropriate meter time (if applicable).

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

JOB CONTROL NUMBER - JCN system generated.

WORK CENTER - Enter the appropriate work center code. (Appendix E).

DISCREPANCY - Enter the narrative description of the discrepancy.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.16 Inspection Look Phase Supporting Document

Figure 16-29 is an example of an inspection supporting document. Each assisting work center participating in the inspection will generate a look phase supporting MAF. NALCOMIS will provide the same JCN as the control MAF. Supporting documents are used to accumulate the man-hours expended by assisting work centers. Supporting documents will account for 0 items processed. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the total number of man-hours if combined with look phase.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE - First three positions must be 030.
ACT ORG - I-level organization code. System generated.
TRANS - Must be 11. (Appendix E)
M/L - Enter the appropriate maintenance level.
A/T - System generated. (Appendix E)
MAL CODE - Must be 000. System generated. (Appendix E)
I/P - Must be 00.
HOURS - System generated from accumulated work hours field.
- System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - System generated. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Not required.
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.17 Inspection Fix Phase Document

Figure 16-30 is an example of the fix document. Fix phase MAFs are used to document repair of discrepancies discovered during an inspection. A fix phase MAF has an alpha/numeric JCN (NALCOMIS auto assigns this JCN) constructed per paragraph 16.1. The WUC identifies the failed component/system. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line function.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Enter the appropriate transaction code. (Appendix E)
M/L - System generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate malfunction code. (Appendix E)

I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.18 End Item TD Compliance (No Removal Component)

[Figure 16-31](#) is an example of a TD compliance MAF documenting an end item TD with no removed component. For each component removed, a separate TD compliance turn-in document is generated. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

NOTE: TDs must reside in the configuration sub-system prior to the TD MAF being initiated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the parts required information.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Trans Code 41. ([Appendix E](#))
M/L - Must be 1.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Leave blank.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Not required.
T/M - Not required.
POSIT - Not required.
SFTY/EI - Not required.
TECHNICAL DIRECTIVE ID - Enter the appropriate TD information for the Code/Basic No/Kit.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

REMOVED/OLD ITEM - Enter the appropriate data, if required.
INSTALLED/NEW ITEM - Enter the appropriate data, if required.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY- Enter the narrative description of the discrepancy. System generated.
CORRECTIVE ACTION - Enter the narrative description.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF.
MAINT CONTROL - Signature is electronically posted to the MAF. Not required.

16.2.5.19 TD Compliance Supporting MAF

Figure 16-32 is an example of a TD compliance supporting MAF; note the TD compliance is not identified. The following data fields require entries or are of special interest. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the parts required information.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Transaction Code 11. (Appendix E)
M/L - Must be 1.
A/T - AT code must be S. (Appendix E)
MAL CODE - MAL code; must be 804. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC. The TEC entered on the TD compliance facilitate MAF will be a G, H, M, S or V series code that identifies the end item the component was removed from.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - WD code; must be O. (Appendix E)
T/M - TM code; must be B. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Not required.
TECHNICAL DIRECTIVE ID - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date/time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Not required.
INSTALLED NEW/ITEM - Not required.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY- Enter the narrative description.
CORRECTIVE ACTION - Enter the narrative description.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF.
MAINT CONTROL - Signature is electronically posted to the MAF. Not required.

16.2.5.20 TD Compliance Turn-In Document

Figure 16-33 is an example of a TD compliance turn-in document to initiate off-equipment compliance with a TD. The TD compliance turn-in document is a MAF with the same JCN as the component removal document. For component TD compliance actions on supply stock, the TD compliance turn-in document will be generated by the Supply Department, NALCOMIS will auto-assign a supply JCN, no removal document is required. The following data fields require entries or are system generated/updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Not required.
ACCUMULATED WORK HOURS - Not required.
FAILED/REQUIRED MATERIAL - Not required.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Enter Transaction Code 47. ([Appendix E](#))
M/L - Enter the appropriate maintenance level.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Not required.
I/P - Not required.
HOURS - Not required.
EMT - Not required.
TYPE EQUIP - Enter the TEC. The TEC must be a Y series code for a component TD compliance.
BU/SER NUMBER - Enter the appropriate component serial number or 000000 if nonserialized.
W/D - Not required.
T/M - Not required.
POSIT - Not required.
SFTY/EI - Not required.
TECHNICAL DIRECTIVE ID - Enter the appropriate TD information for the Code/Basic No/Kit.
REPAIR CYCLE - Received Date/Time; system generated.
MAINTENANCE/SUPPLY REC - Not required.
REMOVED/OLD ITEM - Enter the appropriate data as required.
INSTALLED/NEW ITEM - Not required.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description.
CORRECTIVE ACTION - Not required.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
MAINT CONTROL - Not required.

16.2.5.21 Off-Equipment TD Compliance Action

Figure 16-34 is an example of a completed off-equipment TD compliance action. Off-equipment TD compliance actions are documented by completing the TD compliance turn-in document. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the parts required information.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Transaction code must be 47. ([Appendix E](#))
M/L - Must be 2.
A/T - Enter the appropriate technical directive code. ([Appendix E](#))
MAL CODE - Leave blank.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Not required.
T/M - Not required.
POSIT - PSI (if applicable).
SFTY/EI - Not required.
TECHNICAL DIRECTIVE ID - Enter the appropriate TD information for the Code/Basic No/Kit.

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date/time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates/times.
REMOVED/OLD ITEM - Enter the appropriate data, if required.
INSTALLED NEW/ITEM - Enter the appropriate data, if required.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description.
CORRECTIVE ACTION - Enter the narrative description.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF.
MAINT CONTROL - Signature is electronically posted to the MAF. Not required.

16.2.5.22 TD Compliance Removal (On-Equipment)

Figure 16-35 is an example of a completed on-equipment TD compliance removal which is documented in the same manner as TD incorporations except for data field action taken. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the parts required information.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Transaction code must be 41. (Appendix E)
M/L - Must be 1.
A/T - Technical directive status code must be Q. (Appendix E)
MAL CODE - Leave blank.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Not required.
T/M - Not required.
POSIT - PSI (if applicable).
SFTY/EI - Not required.
TECHNICAL DIRECTIVE ID - Enter the appropriate TD information for the Code/Basic No/Kit.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date/time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates/times.
REMOVED/OLD ITEM - Not required.
INSTALLED NEW/ITEM - Not required.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description.
CORRECTIVE ACTION - Enter the narrative description.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF.
MAINT CONTROL - Signature is electronically posted to the MAF. Not required.

16.2.5.23 Inventory Transaction (Gain)

Figure 16-40 is an example of a MAF documented when reporting an equipment gain. The following data fields are system generated or updated by using on-line functions:

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
WORK UNIT CODE - Not required.
ACT ORG - System generated.
TRANS - Transaction code; system generated.
M/L - Not required.
A/T - Not required.
MAL CODE - Not required.
I/P - Not required.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the serial number of the item being processed. The serial number is always six characters and not zeros. If there are fewer than six characters, prefix the number with zeros until there are six. If there are more than six characters, enter only the last six. If there is no serial number (due to missing name plates, etc.) create a serial number by using the organization code of the reporting custodian plus a unique, locally assigned three character serial, such as A9D001 or A9DAAT. This assigned serial number is to be affixed to the equipment and will remain with the unit until the equipment is stricken from naval inventory.
W/D - Not required.
T/M - Not required.
METER - Enter the appropriate meter time in whole hours (no tenths) or cycle/starts from the equipment meter. Prefix with enough zeros and the letter M or S to make a total of five positions, such as M0921. If the equipment has no meter, enter A0000.
INV CD - Enter the appropriate inventory code. ([Appendix E](#)).
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated.
MAINTENANCE/SUPPLY REC - Not required.
REMOVED/OLD ITEM - Not required.
JOB CONTROL NUMBER - Not required.
WORK CENTER - Not required.
DISCREPANCY - Not required.
CORRECTIVE ACTION - System generated.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
SUPERVISOR - Name of person performing.
MAINT CONTROL - Not required.

16.2.5.24 Inventory Transaction (Loss)

[Figure 16-41](#) is an example of a MAF documented when reporting an equipment loss. The following data fields are system generated or updated by using on-line functions:

WORK UNIT CODE - Not required.
ACT ORG - Enter the appropriate organization code.
TRANS - Transaction code; system generated.
M/L - Not required.
A/T - Not required.
MAL CODE - Not required.
I/P - Not required.
TYPE EQUIP - Enter the appropriate TEC. First position must be D, G, H, M, S, V, or Y.
BU/SER NUMBER - Enter the serial number of the item being processed. Refer to [paragraph 16.2.5.23](#).
W/D - Not required.
T/M - Not required.
METER - Enter the appropriate meter time in whole hours (no tenths) or cycle/starts from the equipment meter. Prefix with enough zeros and the letter M or S to make a total of five positions, such as M0921. If the equipment has no meter, enter A0000.

POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated.
MAINTENANCE/SUPPLY REC - Not required.
REMOVED/OLD ITEM - Not required.
JOB CONTROL NUMBER - Not required.
WORK CENTER - Not required.
DISCREPANCY - Not required.
CORRECTIVE ACTION - System generated.
CORRECTED BY/INSPECTED BY/SUPERVISOR - System generated.
MAINT CONTROL - Not required.

16.2.5.25 Removed Component for Calibration

Figure 16-42 is an example of a MAF documenting the removal of a component for processing to the PME work center on a METER Card. If informed that the component failed, the transaction code data field will be 23; action taken will be R and the REMOVED/OLD and the INSTALLED/NEW fields will be filled in. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG* - I-level organization code.
TRANS - Must be 11. (Appendix E)
M/L - Must be 1.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed; first position must be D, G, H, M, S, V, or Y.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Enter the appropriate WD code. (Appendix E)
T/M - Enter the appropriate TM code. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number. System generated.
JOB CONTROL NUMBER - System generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.26 Component Turn-In Document

Figure 16-43 is an example of a turn-in document to initiate repair of a removed component being received from an external activity. A separate turn-in document with the same JCN as the removal MAF is required

for each removed component to be repaired. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "D".

WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Not required, unless item is an auto BCM action.
M/L* - Must be 2.
A/T - Not required, unless item is an auto BCM action.
MAL CODE - Not required, unless item is an auto BCM action.
I/P - Not required, unless item is an auto BCM action.
TYPE EQUIP* - Enter the TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number; must be on database.
W/D* - Enter the appropriate WD code. ([Appendix E](#))
T/M* - Enter the appropriate TM code. ([Appendix E](#))
POSIT* - Enter the appropriate PSI; if applicable.
SFTY/EI* - Enter the appropriate safety/EI number; if applicable.
REPAIR CYCLE* - System generated, may be updated upon induction.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Assigned JCN from the requesting activity.
WORK CENTER* - Enter the appropriate work center code. ([Appendix E](#)). Auto assigned if on the ICRL.
DISCREPANCY* - Enter the narrative description of the discrepancy.
TURN-IN DOCUMENT* - Enter the appropriate requisition number for the replacement component.
CORRECTIVE ACTION* - Not required, unless item is an auto BCM action.
CORRECTED BY/INSPECTED BY/SUPERVISOR* - Not required, unless item is an auto BCM action.

16.2.5.27 BCM Action (AMSU)

[Figure 16-44](#) is an example of a BCM action at AMSU. ASD will retain a MAF as a suspense copy, and the component will be forwarded to the IMA screening unit. The AMSU performs administrative screening of the component to determine if a check/test/repair capability exists in the IMA work centers. If it does not, the AMSU completes the MAF in the following manner. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "D". AMSU and work centers will not document any man-hours on BCM 1 MAFs.

WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS* - Must be 31.
M/L* - Must be 2.
A/T* - Must be 1 or 8.
MAL CODE* - Enter the appropriate MAL code. ([Appendix E](#))
I/P* - Must be 1.
HOURS* - System generated from accumulated work hours field.
TYPE EQUIP* - Enter the TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number; must be on database.
W/D* - Enter the appropriate WD code. ([Appendix E](#))
T/M* - Enter the appropriate TM code. ([Appendix E](#))
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE* - System generated, may be updated upon induction.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Assigned JCN from the requesting activity.
WORK CENTER* - Enter the appropriate work center code 05A. Auto assigned if on the ICRL. ([Appendix E](#)).

DISCREPANCY* - Enter the narrative description of the discrepancy.
TURN-IN DOCUMENT - Enter the appropriate requisition number for the replacement component.
CORRECTIVE ACTION* - System generated.
CORRECTED BY/INSPECTED BY/SUPERVISOR* - Signature is electronically posted to the MAF, based on the individual PASSWORD/SMQ. NALCOMIS will create the appropriate mailbox messages as required.
MAINT CONTROL - Signature electronically posted to the MAF, based on the individual's SMQ.

16.2.5.28 Troubleshooting Close Out

Figure 16-45 is an example of a MAF documented for the reporting of man-hours expended in troubleshooting. NALCOMIS will create the close-out MAF automatically by performing the basic MAF update function and indicating the close-out to be performed. The following explains documentation:

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - System generated.
WORK UNIT CODE - Same as original MAF. System generated.
ACT ORG - I-level organization code. System generated.
TRANS - System generated.
M/L - System generated.
A/T - System generated.
MAL CODE - System generated.
I/P - System generated.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
METER - System generated.
REPAIR CYCLE - System generated.
MAINTENANCE/SUPPLY REC - System generated.
JOB CONTROL NUMBER - Same as original MAF. System generated.
WORK CENTER - System generated.
DISCREPANCY - System generated.
CORRECTIVE ACTION - System generated.
CORRECTED BY/INSPECTED BY/SUPERVISOR - System generated as required.

16.2.5.29 Assisting Work Center (Same WUC)

Figure 16-46 is an example of an assisting work center working on a same work unit coded item. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE - Must be the same as the primary work center's MAF.
ACT ORG - System generated.
TRANS - Enter the appropriate transaction code. ([Appendix E](#))
M/L - Enter the appropriate maintenance level.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Items processed must be 0.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated.

BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.30 Assisting Work Center (Different WUC)

[Figure 16-47](#) is an example of an assisting work center working on a different work unit coded item. For NDI actions done on assist MAF refer to [paragraphs 16.2.5.47](#) and [16.2.5.48](#) for action taken and MAL code. The transaction code will be 11 for NDI assists. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE - Must be the different than the primary work center.
ACT ORG - System generated.
TRANS - Enter the appropriate transaction code. ([Appendix E](#))
M/L - Enter the appropriate maintenance level.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated upon Production Control approval .
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.31 Component Repaired Using a Repairable Subassembly

Figure 16-48 is an example of removal, replacement, and subsequent repair actions on sub-assemblies/modules of a major component. When a defective subassembly/module is removed from a major component undergoing repair in the IMA, and the repair of these items is accomplished as a separate job, NALCOMIS will generate a proper sequenced suffix JCN after the requested parts are approved. The failed/required material field is used to document the repair of the major component. Enter the following information for each subassembly/module removed. Complete the remainder of the MAF as specified in paragraph 16.2.1.3. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s). Upon approval of the requested subassemblies/modules by Production Control, NALCOMIS will auto assign a DDSN to each failed/required line of the MAF.
WORK UNIT CODE - Enter the specific WUC of the unit being processed.
ACT ORG - I-level organization code.
TRANS - Must be 31 or 32. (Appendix E)
M/L - Must be 2.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate BU/SER NUMBER
W/D* - Enter the appropriate WD code. (Appendix E)
T/M* - Enter the appropriate TM code. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE* - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC* - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - Enter the appropriate removed/old item data.
JOB CONTROL NUMBER* - Enter the appropriate JCN.
WORK CENTER* - If the CAGE/part number is on the database ICRL, the work center will be electronically posted to the turn-in MAF for each repairable. If CAGE/part number is not on the ICRL, enter the appropriate work center code. (Appendix E).
DISCREPANCY* - Enter the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.32 Subassembly/Module Repair (Suffix)

Figure 16-49 is an example of a subassembly repair action documented by completing the suffix MAF. This is the last MAF required if no repairable subassemblies are removed from the subassembly. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s). Upon approval of the requested subassemblies/modules by Production Control, NALCOMIS will auto assign a DDSN to each failed/required line of the MAF.

WORK UNIT CODE - System generated.

ACT ORG - I-level organization code.

TRANS - Must be 31 or 32. ([Appendix E](#))

M/L - System generated; must be 2.

A/T - Enter the appropriate AT code. ([Appendix E](#))

MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))

I/P - Enter the total number of items processed.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TYPE EQUIP - System generated.

BU/SER NUMBER - System generated.

W/D - System generated.

T/M - System generated.

POSIT - Enter the appropriate PSI (if applicable).

SFTY/EI - Enter the appropriate safety/EI number (if applicable).

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

JOB CONTROL NUMBER - System generated.

WORK CENTER - If the FSCM/part number is on the database ICRL, the work center will be electronically posted to the turn-in MAF for each repairable. If FSCM/part number is not on the ICRL, enter the appropriate work center code. ([Appendix E](#)).

DISCREPANCY - System generated.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.33 Sub-Subassembly/Module Repair (Double Suffix)

[Figure 16-50](#) is an example of a sub-subassembly repair action documented by completing the double suffix MAF. The failed/required material field is used to document the repair of the sub-subassembly. Enter information for those items which are known or suspected to have contributed to the discrepancy. NALCOMIS will generate the proper sequenced double suffix JCN. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s). Upon approval of the requested sub-subassemblies/modules by Production Control NALCOMIS will auto assign a DDSN to each failed/required line of the MAF.

WORK UNIT CODE - System generated.

ACT ORG - I-level organization code.

TRANS - Must be 31 or 32. ([Appendix E](#))

M/L - System generated; must be 2.

A/T - Enter the appropriate AT code. ([Appendix E](#))

MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))

I/P - Enter the total number of items processed.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TYPE EQUIP - System generated.

BU/SER NUMBER - System generated.

W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - System generated.
JOB CONTROL NUMBER - System generated.
WORK CENTER - If the FSCM/part number is on the database ICRL, the work center will be electronically posted to the turn-in MAF for each repairable. If FSCM/part number is not on the ICRL, enter the appropriate work center code. (Appendix E).
DISCREPANCY - System generated.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.34 Cannibalization (End Item)

Figure 16-51 is an example of a cannibalization of an end item. The removal of items for cannibalization will be documented on a MAF using the appropriate function and procedures listed in paragraph 16.2.1.3. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG - I-level organization code. System generated.
TRANS - System generated. (Appendix E)
M/L - System generated.
A/T - System generated. (Appendix E)
MAL CODE - Enter the appropriate MAL code; must be 812, 813, 814, 815, 816, 817, or 818 (Appendix E).
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the equipment.
BU/SER NUMBER - Enter the appropriate bureau/serial number; must be on the database.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.35 Cannibalization (From AWP Component)

Figure 16-52 is an example of cannibalization from an AWP component. If a joint decision is made by supply and IMA to cannibalize instead of placing the repairable component AWP, the following information will be entered in the FAILED/REQUIRED MATERIAL fields on the MAF from which the serviceable repairable/consumable item is removed. NALCOMIS performs this function automatically. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

NOTE: By performing these functions within NALCOMIS the fields identified below as "Not required" will be completed as the MAF sign-off occurs.

ENTRIES REQUIRED SIGNATURE - Not required.
ACCUMULATED WORK HOURS - Not required.
FAILED/REQUIRED MATERIAL - System generated.
WORK UNIT CODE - Not required.
ACT ORG - Not required.
TRANS - Not required.
M/L - Not required.
A/T - System generated.
MAL CODE - System generated.
I/P - Not required.
HOURS - Not required.
EMT - Not required..
TYPE EQUIP - Not required.
BU/SER NUMBER - Not required.
W/D - Not required.
T/M - Not required.
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Not required.
MAINTENANCE/SUPPLY REC - Not required.
REMOVED/OLD ITEM - Not required.
JOB CONTROL NUMBER - Not required.
WORK CENTER - Not required.
DISCREPANCY - Not required.
CORRECTIVE ACTION - Not required.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
MAINT CONTROL - Not required.

16.2.5.36 Cannibalization (Off-Equipment)

Figure 16-53 is an example of cannibalization of an item from a repairable component or subassembly that is documented in the FAILED/REQUIRED MATERIAL section of the MAF for the component/subassembly from which the item was cannibalized. The removed item is considered to have caused AWP but is not a "failed part" of the component/subassembly from which it was cannibalized. It may be a failed part of the component for which it was cannibalized. Identify the removed item in the normal manner of a required part that caused AWP and transfer the requisition to this JCN. NALCOMIS performs this function automatically. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

NOTE: By performing these functions within NALCOMIS the fields identified below as "Not required" will be completed as the MAF sign-off occurs.

ENTRIES REQUIRED SIGNATURE - Not required.
ACCUMULATED WORK HOURS - Not required.
FAILED/REQUIRED MATERIAL - Indicate (as appropriate) the FP and AWP blocks and fill in the AT and MAL blocks (as required), QTY (as required), PROJ and PRI (as appropriate), Julian date ordered and REQ NO (as applicable). System generated.
WORK UNIT CODE - Not required.
ACT ORG - Not required.
TRANS - Not required.
M/L - Not required.
A/T - System generated.
MAL CODE - System generated.
I/P - Not required.
HOURS - Not required.
EMT - Not required.
TYPE EQUIP - Not required.
BU/SER NUMBER - Not required.
W/D - Not required.
T/M - Not required.
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Not required.
MAINTENANCE/SUPPLY REC - Not required.
REMOVED/OLD ITEM - Not required.
JOB CONTROL NUMBER - Not required.
WORK CENTER - Not required.
DISCREPANCY - Not required.
CORRECTIVE ACTION - Not required.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
MAINT CONTROL - Not required.

16.2.5.37 Matched Set (Repair and No Repair)

Figures 16-54 and 16-55 are examples of a MAF documented when processing a matched set. Figure 16-54 illustrates repair action and Figure 16-55 illustrates no repair action.. When the "no defect" component is determined at the IMA, it will be documented per paragraph 16.2.1.3 with the following exceptions: Action taken must be A, MAL code must be 806. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "D".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed part(s), and/or record supply requisition(s).
WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code.
TRANS - Must be 31 or 32. (Appendix E)
M/L* - Must be 2.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number, must be on database.
W/D* - Enter the appropriate WD code. (Appendix E)

T/M* - Enter the appropriate TM code. (Appendix E)
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM*-Enter the appropriate removed/old item data. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Enter the assigned JCN.
WORK CENTER* - Enter the appropriate work center code, auto assigned if FSCM/part number is on database ICRL. (Appendix E).
DISCREPANCY*- Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.38 Tire and Wheel Documentation (Tires Prepositioned in W/C and Ordering Replacement Tire)

Figures 16-56 and 16-57 are examples of the MAF documented for aircraft tire and wheel actions. The work center will document tire identification and BCM data in the failed/required material fields of the MAF. Using AMSU Receipt, and various on-line functions the following data fields require entry. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "D".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data (as required).
WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code. System generated.
TRANS - Must be 31 or 32. (Appendix E)
I/P* - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - Not required.
TYPE EQUIP* - Enter the TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number, must be on database.
W/D* - Enter the appropriate WD code. (Appendix E)
T/M* - Enter the appropriate TM code. (Appendix E)
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
METER - Not required.
REPAIR CYCLE* - System generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM*-Enter the appropriate removed/old item data. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Not required.
JOB CONTROL NUMBER* - Assigned JCN from the requesting activity.
WORK CENTER* - Enter the appropriate work center code. Auto assigned if FSCM/part number is on database ICRL. (Appendix E)
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION* - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.39 Transferring IMA Close Out (Post/Predeployment)

Figure 16-58 is an example of an IMA close out for post/predeployment. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields from the turn-in document.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter for each "missing" FLR module, subassembly of sub-subassembly (as appropriate). The action taken field must be P.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code.
TRANS - Must be 31 or 32. (Appendix E)
M/L - Must be 2.
A/T - Must be D. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number; must be on database.
W/D - Enter the appropriate WD code. (Appendix E)
T/M - Enter the appropriate TM code. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate removed/old item data. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - System generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.40 Receiving IMA (Reinitiation Documentation)

Figure 16-59 is an example of a reinitiated MAF from a transferring IMA. Upon receipt of a repairable item from another IMA, receiving AMSU will forward a copy of the MAF to the local supply CCS. Subsequent repair/disposition will be documented on the new MAF per paragraph 16.2.1.3, except that the Received Date field will reflect the date the component was received from the transferring IMA. The following data fields require entries. (*) denotes those data fields completed by the AMSU induction using information taken from the transferring activity MAF. Type MAF Code "D".

WORK UNIT CODE* - Enter the specific WUC for the item being processed.
ACT ORG - I-level organization code.
M/L - Must be 2.
EMT - System generated.
TYPE EQUIP* - Enter the TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - Enter the appropriate WD code. (Appendix E)
T/M* - Enter the appropriate TM code. (Appendix E)

POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE* - Received date/time; system generated.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Enter the appropriate JCN from the activity item is received from.
WORK CENTER* - Enter the appropriate work center code, auto assigned if FSCM/part number is on database ICRL. (Appendix E).
DISCREPANCY* - Enter the narrative description of the discrepancy.
TURN IN DDSN* - Enter the turn-in document from the activity item is being received from.
PILOT/INITIATOR* - Enter the persons name (as appropriate).

16.2.5.41 Component Missing SRC Card

Figure 16-60 is an example of a MAF documented for turn-in of a component that is missing the SRC card. Using AMSU receipt, the following data fields require entry. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "D".

WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code, system generated.
TRANS - Required if item is an auto BCM action.
M/L* - Must be 2.
A/T - Required if item is an auto BCM action.
MAL CODE* - Enter "140".
I/P - Required if item is an auto BCM action.
TYPE EQUIP* - Enter the TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - Enter the appropriate WD code. (Appendix E)
T/M* - Enter the appropriate TM code. (Appendix E)
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE* - System generated, may be updated upon induction.
MAINTENANCE/SUPPLY REC* - Not required.
REMOVED/OLD ITEM* - Enter the appropriate removed/old item data. Time cycle field enter the appropriate time/cycle prefix code (Appendix E) followed by 9999. The use of 9999 indicates the value is unknown.
JOB CONTROL NUMBER* - Enter the assigned JCN from the requesting activity.
WORK CENTER* - Enter the appropriate work center code. Auto assigned if on the ICRL. (Appendix E).
DISCREPANCY* - Enter the narrative description of the discrepancy.
TURN-IN DOCUMENT* - Enter the appropriate requisition number for the replacement component.
CORRECTIVE ACTION* - Required if item is an auto BCM action.
CORRECTED BY/INSPECTED BY/SUPERVISOR* - Required if item is an auto BCM action.

16.2.5.42 Corrosion Supporting MAF

Figure 16-61 is an example of a supporting MAF documenting corrosion treatment. If corrosion caused the malfunction and treatment of that condition results in elimination of the discrepancy, then it is proper to use Transaction Code 31 or 32 with an AT Code C and MAL Code 170. The only time a supporting MAF (Z/170/Transaction Code 11) is required is when the corrosion treatment is separate and distinct from the malfunction cause. The following explains documentation:

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code. System generated.

TRANS - Enter the appropriate transaction code, as required. (Appendix E)
M/L - Enter the appropriate maintenance level.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - System generated.
T/M - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
METER - Not required for level 2 maintenance.
REPAIR CYCLE - System generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center code. (Appendix E).
DISCREPANCY- Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.43 Turn-In from Supply for TD Compliance

Figure 16-62 is an example of the MAF documented for an end item turned in from a supply activity for TD compliance. The supply activity, after coordinating through the IMA QA, will initiate a TD compliance MAF for each item requiring TD compliance. The supply activity will complete the following data fields on the TD compliance MAF prior to issuing to Production Control for scheduling. The following explains documentation:

TECHNICAL DIRECTIVE ID INT - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE - Enter appropriate code. (Appendix L)
TECHNICAL DIRECTIVE ID BASIC NO. - Enter basic number.
TECHNICAL DIRECTIVE ID RV - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT - Enter kit number.
TYPE EQUIP - Enter the TEC for the equipment.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates control number.
JOB CONTROL NUMBER - System will generate Supply ORG JCN.
DISCREPANCY - Enter the narrative description of the discrepancy and initiator.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD for supply induction of items requiring TD compliance.

16.2.5.44 MAF Work Request (Production Control Entries)

Figure 16-63 is an example of Work Request MAF data fields completed by Production Control. This information is provided by the requesting activity. Using the appropriate on-line function, enter the required data. The following explains documentation:

TYPE MAF CODE "WR".
ENTRIES REQUIRED SIGNATURE - Not required.
ACCUMULATED WORK HOURS - Not required.
FAILED/REQUIRED MATERIAL - Not required.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Not required.
M/L - Must be 2.
A/T - Not required.
MAL CODE - Not required.
I/P - Not required.
HOURS - Not required.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number, must be on database.
W/D - Enter the appropriate WD code. (Appendix E)
T/M - Enter the appropriate TM code. (Appendix E)
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. May be modified prior to approval.
MAINTENANCE/SUPPLY REC - Not required.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - Enter the assigned JCN from the requesting activity.
WORK CENTER - Enter the appropriate work center code; auto assigned if FSCM/part number is on database ICRL. (Appendix E).
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Not required.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
PILOT/INITIATOR - Signature is electronically posted to the MAF upon approval.
MAINT CONTROL - Not required.

16.2.5.45 MAF Work Request (Local Manufacture/Fabrication)

Figure 16-64 is an example of a completed Work Request MAF documenting local manufacture/fabrication. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data as required.
WORK UNIT CODE - System generated.
ACT ORG - System generated.
TRANS - Transaction code must be 30. (Appendix E)
M/L - Must be 2.
A/T - AT code must be A. (Appendix E)
MAL CODE - MAL code, must be 000. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.

TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - System generated.
JOB CONTROL NUMBER - System generated.
WORK CENTER - System generated.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR - System generated.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.46 MAF Work Request (Supply Asset Build-Up Induction)

Figure 16-65 is an example of a completed Work Request MAF documenting supply asset build-up inductions. Supply must move the item to suspense prior to performing the Work Request function. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE - System generated.
ACT ORG - System generated.
TRANS - System generated.
M/L - Must be 2.
A/T - AT code must be A. (Appendix E)
MAL CODE - MAL code, must be 804. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the serial number requiring build-up.
W/D - Enter W/D Code O.
T/M - Enter T/M Code T.
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data.
JOB CONTROL NUMBER - System generated upon initiation.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR - System generated.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.47 Scheduled Maintenance Work Request (NDI In-Shop) (Passed Inspection)

Figure 16-66 is an example of a completed Work Request MAF documenting an In-Shop NDI. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE - Enter the specific WUC of the item being inducted.
ACT ORG - System generated.
TRANS - System generated; must be 30. (Appendix E)
M/L - Must be 2.
A/T - AT code must be A. (Appendix E)
MAL CODE - MAL code, must be 57 series. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - WD code must be O. (Appendix E)
T/M - TM code (as appropriate). (Appendix E)
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data.
JOB CONTROL NUMBER - Enter the assigned JCN from the requesting activity.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.48 Scheduled Maintenance Work Request (NDI On-Site) (Passed Inspection)

Figure 16-67 is an example of a completed Work Request MAF documenting an On-Site NDI Inspection. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE - Enter the specific WUC of the item being inducted.
ACT ORG - System generated.
TRANS - System generated; must be 30. (Appendix E)
M/L - Must be 2.
A/T - AT code must be A. (Appendix E)
MAL CODE - MAL code, must be 57 series. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.

BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - WD code must be O. ([Appendix E](#))
T/M - TM code (as appropriate). ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Not required.
JOB CONTROL NUMBER - Enter the assigned JCN from the requesting activity.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: The NDI technician shall sign-off the squadron's work request. Squadron Maintenance Control shall obtain the Level II copy within 48 hours.

16.2.5.49 Scheduled Maintenance Work Request (NDI On-Site) (Failed Inspection)

[Figure 16-68](#) is an example of a completed Work Request MAF documenting an On-Site NDI failing test. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE - Enter the specific WUC of the item being inducted.
ACT ORG - System generated.
TRANS - System generated; must be 30. ([Appendix E](#))
M/L - Must be 2.
A/T - AT code must be F. ([Appendix E](#))
MAL CODE - MAL code, must be 57 series. ([Appendix E](#))
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - WD code must be O. ([Appendix E](#))
T/M - TM code (as appropriate). ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Not required.
JOB CONTROL NUMBER - Enter the assigned JCN from the requesting activity.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

PILOT/INITIATOR - Enter the name of the person (as appropriate).

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.50 Scheduled Maintenance Work Request (NDI In-Shop) (Failed Inspection)

Figure 16-69 is an example of a completed Work Request MAF documenting an In-Shop NDI failing test. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.

WORK UNIT CODE - Enter the specific WUC of the item being inducted.

ACT ORG - System generated.

TRANS - System generated; must be 30. (Appendix E)

M/L - Must be 2.

A/T - AT code must be F. (Appendix E)

MAL CODE - MAL code, must be 57 series. (Appendix E)

I/P - Enter the total number of items being processed.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TYPE EQUIP - Enter the appropriate TEC.

BU/SER NUMBER - Enter the appropriate bureau/serial number, must be on database.

W/D - WD code must be O. (Appendix E)

T/M - TM code (as appropriate). (Appendix E)

POSIT - Not required.

SFTY/EI - Not required.

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

REMOVED/OLD ITEM - Enter the appropriate data.

JOB CONTROL NUMBER - Enter the assigned JCN from the requesting activity.

WORK CENTER - Enter the appropriate work center.

DISCREPANCY - Enter the narrative description of the discrepancy.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

PILOT/INITIATOR - Enter the name of the person (as appropriate).

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.51 Unscheduled Maintenance Work Request (NDI In-Shop) (Passed Inspection)

Figure 16-70 is an example of a completed Work Request MAF documenting an In-Shop unscheduled NDI. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.

WORK UNIT CODE - Enter the specific WUC of the item being inducted.

ACT ORG - System generated.

TRANS - Transaction code must be 30. (Appendix E)

M/L - Must be 2.

A/T - AT code must be A. (Appendix E)

MAL CODE - MAL code must be 571. (Appendix E)

I/P - Enter the total number of items being processed.

HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number, must be on database.
W/D - WD code must be O. ([Appendix E](#))
T/M - TM code must be S. ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data.
JOB CONTROL NUMBER - Enter the assigned JCN from the requesting activity.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.52 **Unscheduled Maintenance Work Request (NDI In-Shop) (Failed Inspection)**

[Figure 16-71](#) is an example of a completed Work Request MAF documenting an In-Shop unscheduled NDI failing test. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE - Enter the specific WUC of the item being inducted.
ACT ORG - System generated.
TRANS - Transaction code must be 30. ([Appendix E](#))
M/L - Must be 2.
A/T - AT code must be F. ([Appendix E](#))
MAL CODE - MAL code must be 57 series. ([Appendix E](#))
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - WD code. ([Appendix E](#))
T/M - TM code. ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data.
JOB CONTROL NUMBER - Enter the assigned JCN from the requesting activity.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

PILOT/INITIATOR - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.53 O-Level Armament Equipment Turn-In for Scheduled Maintenance

Figure 16-72 is an example of an O-level armament equipment turn-in for scheduled maintenance. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "SD".

ENTRIES REQUIRED SIGNATURE - Not required.
ACCUMULATED WORK HOURS - Not required.
FAILED/REQUIRED MATERIAL - Not required.
WORK UNIT CODE* - Enter the specific WUC of the item being inducted.
ACT ORG* - System generated.
TRANS - Not required.
M/L* - Must be 2.
A/T - Not required.
MAL CODE - Not required.
I/P - Not required.
HOURS - Not required.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - WD code must be O. ([Appendix E](#))
T/M* - TM code must be D. ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE* - Received date/time; system generated.
MAINTENANCE/SUPPLY REC* - System generated.
REMOVED/OLD ITEM* - Enter the appropriate data.
JOB CONTROL NUMBER* - Enter the assigned JCN from the requesting activity.
WORK CENTER* - Enter the appropriate work center, auto assigned if on database ICRL.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Not required.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
PILOT/INITIATOR* - Enter the name of the person (as appropriate).
MAINT CONTROL - Not required.

16.2.5.54 O-Level Armament Equipment Component Turn-In for Scheduled Maintenance (No Material Required) (Completed)

Figure 16-73 is an example of a completed MAF documenting scheduled maintenance of a removed armament equipment pool item, no discrepancies. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "SD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE* - Enter the specific WUC of the item being inducted.
ACT ORG - System generated.
TRANS - Transaction code must be 31. ([Appendix E](#))
M/L* - Must be 2.
A/T - AT code must be A. ([Appendix E](#))
MAL CODE - MAL code must be 804. ([Appendix E](#))
I/P - Enter the total number of items being processed.

HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate bureau/serial number, must be on database.
W/D* - WD code must be O. ([Appendix E](#))
T/M* - TM code must be D. ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - Enter the appropriate data.
JOB CONTROL NUMBER* - Enter the assigned JCN from the requesting activity.
WORK CENTER* - Enter the appropriate work center, auto assigned if on database ICRL.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR* - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.55 O-Level Armament Equipment Component Turn-In for Scheduled Maintenance (Maintenance and Material Required) (Completed)

[Figure 16-74](#) is an example of a completed MAF documenting scheduled maintenance of a removed armament equipment pool item; maintenance and material required. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "SD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG* - System generated.
TRANS - Transaction code must be 32. ([Appendix E](#))
M/L* - Must be 2.
A/T - AT code must be C. ([Appendix E](#))
MAL CODE - MAL code must be 804. ([Appendix E](#))
I/P - Items processed; must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC for the item being processed.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - WD code must be O. ([Appendix E](#))
T/M* - TM code must be D. ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
WORK CENTER* - System generated.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

PILOT/INITIATOR* - System generated.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.56 Turn-In Acceptance/Functional Check on Armament Equipment

Figure 16-75 is an example of a turn-in Work Request MAF documenting the acceptance/functional check on armament equipment received from another AEP or excess from a supported activity. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Not required.

ACCUMULATED WORK HOURS - Not required.

FAILED/REQUIRED MATERIAL - Not required.

WORK UNIT CODE - Enter the specific WUC of the item being processed.

ACT ORG - System generated.

TRANS - System generated.

M/L - Must be 2.

A/T - Not required.

MAL CODE - Not required.

I/P - Not required.

HOURS - Not required.

EMT - Not required.

TYPE EQUIP - Enter the appropriate TEC.

BU/SER NUMBER - Enter the appropriate bureau/serial number.

W/D - WD code must be O. ([Appendix E](#))

T/M - TM code must be D. ([Appendix E](#))

POSIT - Not required.

SFTY/EI - Not required.

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Not required.

REMOVED/OLD ITEM - Enter the appropriate data.

JOB CONTROL NUMBER - Enter the JCN from the activity turning in the component.

WORK CENTER - Enter the appropriate work center.

DISCREPANCY - Enter the narrative description of the discrepancy.

CORRECTIVE ACTION - Not required.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.

PILOT/INITIATOR - Enter the name of the person (as appropriate).

MAINT CONTROL - Not required.

16.2.5.57 Turn-In Acceptance/Functional Check on Armament Equipment (Completed)

Figure 16-76 is an example of a Work Request Turn-In MAF documenting the acceptance/functional check on armament equipment received from another AEP or excess from a supported activity. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.

WORK UNIT CODE - Enter the specific WUC of the item being inducted.

ACT ORG - System generated.

TRANS - System generated, must be 30. ([Appendix E](#))

M/L - Must be 2.

A/T - AT code must be A. ([Appendix E](#))

MAL CODE - MAL code (as appropriate). ([Appendix E](#))

I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - WD code. ([Appendix E](#))
T/M - TM code. ([Appendix E](#))
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data.
JOB CONTROL NUMBER - Enter the assigned JCN from the requesting/supported activity.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.58 Armament Equipment Pool Preservation/Depreservation Control Document (Completed)

[Figure 16-77](#) is a preservation/depreservation control document. Production Control will generate a MAF for each preservation/depreservation. The following data fields require entries. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the failed parts/record supply requisitions.
WORK UNIT CODE - The first three positions must be 049.
ACT ORG - System generated.
TRANS - Transaction code must be 11. ([Appendix E](#))
M/L - Enter the appropriate maintenance level.
A/T - AT code must be 0. ([Appendix E](#))
MAL CODE - MAL code must be 000. ([Appendix E](#))
I/P - Must be 01.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the appropriate TEC.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - WD code must be O. ([Appendix E](#))
T/M - TM code must be D. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Not required.
METER - Enter the appropriate meter time (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated.
WORK CENTER - Enter the appropriate work center. ([Appendix E](#)).
WORK PRIORITY - Enter the appropriate work priority.
SYSTEM REASON - Enter the short narrative description of the discrepancy.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.59 I-Level Armament Equipment Pool Component Due for Scheduled Maintenance (Completed)

Figure 16-78 is an example of a completed MAF documenting scheduled maintenance of an I-level AEP component. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF "SD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.

WORK UNIT CODE* - Enter the specific WUC of the item being inducted.

ACT ORG* - System generated.

TRANS - Transaction code must be 31. ([Appendix E](#))

M/L* - Must be 2.

A/T - AT code must be A. ([Appendix E](#))

MAL CODE - MAL code must be 804. ([Appendix E](#))

I/P - Enter the total number of items being processed.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TYPE EQUIP* - Enter the appropriate TEC.

BU/SER NUMBER* - Enter the appropriate bureau/serial number.

W/D* - WD code must be O. ([Appendix E](#))

T/M* - TM code must be D. ([Appendix E](#))

POSIT - Not required.

SFTY/EI - Not required.

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

REMOVED/OLD ITEM* - Enter the appropriate data.

JOB CONTROL NUMBER* - Enter the assigned JCN from the IMA activity.

WORK CENTER* - Enter the appropriate work center. Auto assigned if on the database ICRL.

DISCREPANCY - Enter the narrative description of the discrepancy.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

PILOT/INITIATOR* - Enter the name of the person (as appropriate).

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.60 O-Level ALSS Equipment Due for Scheduled Maintenance (Maintenance and Material Required) (Completed)

Figure 16-79 is an example of a completed MAF documenting scheduled maintenance of ALSS equipment (maintenance and material required). The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF "SD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.

WORK UNIT CODE* - Enter the specific WUC of the item being inducted.

ACT ORG* - System generated.

TRANS - Transaction code must be 32. (Appendix E)
M/L* - Must be 2.
A/T - AT code must be C. (Appendix E)
MAL CODE - MAL code must be 804. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - WD code must be O. (Appendix E)
T/M* - TM code must be D. (Appendix E)
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - Enter the appropriate data, as required.
JOB CONTROL NUMBER* - Enter the assigned JCN from the requesting activity.
WORK CENTER* - System generated.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR* - System generated.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.61 O-Level ALSS Personal Equipment Due For Scheduled Maintenance (Completed)

Figure 16-80 is an example of a completed MAF documenting scheduled maintenance of ALSS personal equipment. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF "SD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE* - Enter the specific WUC of the item being inducted.
ACT ORG* - System generated.
TRANS - Transaction code must be 31. (Appendix E)
M/L* - Must be 2.
A/T - AT code must be A. (Appendix E)
MAL CODE - MAL code must be 804. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - WD code must be O. (Appendix E)
T/M* - TM code must be D. (Appendix E)
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - Enter the appropriate data, as required.
JOB CONTROL NUMBER* - Enter the assigned JCN from the requesting activity.

WORK CENTER* - Enter the appropriate work center; auto assigned if FSCM/part number is on database ICRL.
DISCREPANCY* - System generated.
CORRECTIVE ACTION - System generated.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR* - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.62 O-Level ALSS Personal Equipment Due For Scheduled Maintenance (Maintenance and Material Required) (Completed)

Figure 16-81 is an example of a completed MAF documenting scheduled maintenance of ALSS personal equipment (maintenance and material required). The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF "SD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE* - Enter the specific WUC of the item being inducted.
ACT ORG* - System generated.
TRANS - Transaction code must be 32. (Appendix E)
M/L* - Must be 2.
A/T - AT code must be C. (Appendix E)
MAL CODE - MAL code must be 804. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - WD code must be O. (Appendix E)
T/M* - TM code must be D. (Appendix E)
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - Enter the appropriate data, as required.
JOB CONTROL NUMBER* - Enter the assigned JCN from the requesting activity.
WORK CENTER* - Enter the appropriate work center; auto assigned if FSCM/part number is on database ICRL.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR* - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.63 I-Level ALSS Pool Component Due for Scheduled Maintenance (Completed)

Figure 16-82 is an example of an I-level completed MAF documenting scheduled maintenance of an ALSS pool component. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF "SD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data, as required.
WORK UNIT CODE* - Enter the specific WUC of the item being inducted.
ACT ORG* - System generated.
TRANS - Transaction code must be 31. (Appendix E)
M/L* - Must be 2.
A/T - AT code must be A. (Appendix E)
MAL CODE - MAL code must be 804. (Appendix E)
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - WD code must be O. (Appendix E)
T/M* - TM code must be D. (Appendix E)
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - Enter the appropriate data, as required.
JOB CONTROL NUMBER* - Enter the assigned JCN of the IMA.
WORK CENTER* - Enter the appropriate work center; auto assigned if FSCM/part number is on database ICRL.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR* - Enter the name of the person (as appropriate).
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.64 MAF Discrepancy (Supply Asset Induction Document) (Material Condition Tag Missing)

Figure 16-83 is an example of a MAF documented for items inducted from a supply activity for check, test, or service. Supply must move the item to suspense prior to performing the MAF function. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "D".

ENTRIES REQUIRED SIGNATURE - Not required.
ACCUMULATED WORK HOURS - Not required.
FAILED/REQUIRED MATERIAL - Not required.
WORK UNIT CODE* - Enter the appropriate WUC of item being inducted.
ACT ORG* - System generated.
TRANS - Not required.
M/L* - Must be 2.
A/T - Not required.
MAL CODE - Not required.
I/P - Not required.
HOURS - Not required.
EMT - System generated.
TYPE EQUIP* - Enter the appropriate TEC.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
W/D* - WD code must be O.
T/M* - TM code must be T.
POSIT - Not required.

SFTY/EI - Not required.
REPAIR CYCLE* - Received date/time; system generated (may be modified on-line). In-work may be assigned upon approval.
MAINTENANCE/SUPPLY REC* - System generated.
REMOVED/OLD ITEM - Enter the FSCM, part number, removed date, serial number of the removed item(s) and time cycle. If there is no serial number enter 0.
JOB CONTROL NUMBER* - JCN will have a Supply Org code.
WORK CENTER* - Enter the appropriate work center.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Not required.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Not required.
PILOT/INIATOR* - Type name.
MAINT CONTROL - Not required.

16.2.5.65 Completed Discrepancy MAF (Supply Asset Induction Document) (Material Condition Tag Missing)

Figure 16-84 is an example of a completed MAF documented for items inducted from a supply activity for check, test, or service. The following data fields require entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF code "D".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the appropriate data (as required).
WORK UNIT CODE* - System generated.
ACT ORG* - System generated.
TRANS - Transaction code must be 31/32. ([Appendix E](#))
M/L* - System generated.
A/T - AT code. ([Appendix E](#))
MAL CODE - MAL code. ([Appendix E](#))
I/P - Enter the total number of items being processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated.
BU/SER NUMBER* - System generated.
W/D* - System generated.
T/M* - System generated.
POSIT - Not required.
SFTY/EI - Not required.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated upon initiation.
WORK CENTER* - System generated.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
PILOT/INITIATOR* - System generated.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.66 TD Compliance Turn-In Document (O-Level)

Figure 16-85 illustrates the data groups to be completed by the O-level activity on the TD compliance MAF. If the TD is applicable to an end item, such as an aircraft or NC-5, and a component is to be removed and sent to the IMA for modification or inspection as a portion of the TD compliance, the man-hours required to remove and reinstall the component will be documented on a TD compliance MAF. The O-level will then originate a TD compliance MAF for each component forwarded to the IMA. This TD compliance MAF will accompany the component to the IMA for documentation of the assisting TD compliance action, and processing. The IMA will sign Copy 2, indicating receipt of the component and return Copy 2 to the O-level activity as an IOU receipt. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "TD".

WORK UNIT CODE* - Enter the specific WUC of the item being processed.
TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. (Appendix E)
TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.
TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT* - Enter kit number.
TYPE EQUIP* - Enter the TEC for equipment.
BU/SER NUMBER* - Enter the appropriate bureau/serial number; must be on database.
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Utilize O-level JCN.
WORK CENTER* - Enter the appropriate work center code. (Appendix E).
DISCREPANCY* - Enter the narrative description of the discrepancy.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.67 TD Compliance (IMA Assist)

Figure 16-86 is an example of the MAF documented for a TD compliance with the IMA assist. The IMA will complete the MAF as an assist work center. (*) denotes those data fields completed by the AMSU induction. Type MAF "TD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - System generated.
ACT ORG - I-level organization code, system generated.
TRANS - Transaction code must be 47. (Appendix E)
M/L* - System generated.
A/T - Enter Technical Directive status code, action taken field, must be A.
I/P - Must be 0.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. (Appendix E)
TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.
TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).

TECHNICAL DIRECTIVE ID KIT* - Enter kit number (if applicable); if not enter 00.
TYPE EQUIP* - Enter TEC for the equipment.
BU/SER NUMBER* - Enter the appropriate bureau/serial number.
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
RECEIVED DATE/TIME - System generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM-Entries are required when TYPE EQUIP is Y, D, S, H, or G series or whenever an incorporation is being reported against a component related modification. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Utilize O-level JCN.
WORK CENTER* - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.68 Turn-In for TD Compliance

Figure 16-87 is an example of a MAF documented for items turned in for TD compliance. If the TD compliance is directly applicable to a component, the removal and replacement of the component and the associated man-hours will be documented on a MAF. The O-level activity will then originate a TD compliance MAF for the component being forwarded to the IMA. This TD compliance MAF will accompany the component to the IMA for documenting the accomplishment of the TD compliance action and processing. If the component is not ordered, the IMA will sign Copy 2, indicating receipt of the component and return Copy 2 to the O-level activity as an IOU receipt. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "TD".

WORK UNIT CODE* - Enter the specific WUC of the item being processed.
TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. ([Appendix E](#))
TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.
TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT* - Enter kit number.
TYPE EQUIP* - Enter the Y series TEC for the item or the applicable TEC of the end item.
BU/SER NUMBER* - Enter 000000 for Y series equipment or the appropriate bureau/serial number.
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Utilize O-level JCN.
WORK CENTER* - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY*- Enter the narrative description of the discrepancy.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.69 IMA TD Compliance

Figure 16-88 is an example of the MAF documented when processing an item for TD compliance at the IMA. The IMA will complete the remainder of the TD compliance MAF accounting for the items(s) processed in IP data field. (*) denotes those data fields completed by the AMSU induction. Type MAF "TD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - System generated.
ACT ORG - I-level organization code, system generated.
TRANS - Transaction code must be 47. (Appendix E)
M/L* - System generated.
A/T - Enter Technical Directive status code, action taken field.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. (Appendix L)
TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.
TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT* - Enter kit number.
TYPE EQUIP* - Enter the Y series TEC for the item or the applicable TEC of the end item.
BU/SER NUMBER* - Enter 000000 if unknown or the appropriate bureau/serial number, must be on the database.
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time, system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM-Entries are required when TYPE EQUIP is Y, D, S, H, or G series or whenever an incorporation is being reported against a component related modification. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Utilize O-level JCN.
WORK CENTER* - System generated.
DISCREPANCY* - System generated.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.70 TD Compliance Removal

Figure 16-89 is an example of a MAF documented for a TD compliance removal. TD compliance removals will be documented in the same manner as TD compliance incorporations. (*) denotes those data fields completed by the AMSU induction.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - System generated.
ACT ORG - I-level organization code, system generated.
TRANS - Transaction code must be 47. (Appendix E)
M/L* - System generated.

A/T - Enter Technical Directive status code Q.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. ([Appendix E](#))
TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.
TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT* - Enter kit number.
TYPE EQUIP* - Enter the Y series TEC for the item or the applicable TEC of the end item.
BU/SER NUMBER* - Enter 000000 if unknown or the appropriate bureau/serial number.
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time, system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM-Entries are required in these blocks when TYPE EQUIP is Y, D, S, H, or G series or whenever an incorporation is being reported against a component related modification. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Utilize O-level JCN.
WORK CENTER* - System generated.
DISCREPANCY* - System generated.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.71 O-Level Turn-In Control Document for Engine Repair

[Figure 16-90](#) is an example of a MAF turn-in control document for engine repair initiated by the O-level. The following data fields will be transcribed from O-level turn-in MAF into NALCOMIS AMSU Induction. Type MAF Code "D".

WORK UNIT CODE - Enter the specific WUC for the item being processed.
MAL CODE - Enter the conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP - Enter the TEC for the engine.
BU/SER NUMBER - Enter the PSSN.
W/D - Enter the appropriate WD code. ([Appendix E](#))
T/M - Enter the appropriate TM code. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM - Enter the appropriate data to reflect the PSSN as a removed component. Leave part number data field blank. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - Utilize O-level JCN.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#)).
DISCREPANCY - Enter the narrative description of the discrepancy. Provide inspection JCN for IMA use.
INSP JCN - Enter ALPHA JCN from the discrepancy block of the Turn-In MAF.

TURN-IN DOCUMENT - Enter the data from the turn-in MAF.
SYSTEM REASON - Enter engine SERNO/MOM.

NOTE: Before any engine can be inducted for repair or inspection the engine must be loaded to the Configuration Subsystem within NALCOMIS.

16.2.5.72 Supply Asset Engine Depreservation

Figure 16-91 is an example of a MAF for a supply asset engine depreservation. The following data fields require entries.

WORK UNIT CODE - Enter 049.
ACT ORG - System generated.
TRANS - System generated 11.
M/L - System generated.
TYPE EQUIP - Enter the TEC for the engine.
BU/SER NUMBER - Enter the PSSN.
W/D - System generated O. ([Appendix E](#))
T/M - System generated D. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
DISCREPANCY - Enter the narrative description of the discrepancy.
JOB CONTROL NUMBER - System generated with Supply Org.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))
SYSTEM REASON - Uncan/depreserve.

NOTE: Before any engine can be inducted for repair or inspection the engine must be loaded to the Configuration Subsystem within NALCOMIS.

16.2.5.73 Supply Asset Engine (Assist MAF) Test Cell Run

Figure 16-92 is an example of a MAF for a supply asset engine (Assist MAF) test cell run. The following data fields require entries.

WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG - System generated.
TRANS - System generated 11.
M/L - System generated.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated V. ([Appendix E](#))
T/M - System generated T. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
DISCREPANCY - Enter the narrative description of the discrepancy.
JOB CONTROL NUMBER - System generated with Supply Org.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))
SYSTEM REASON - Enter "Test Cell Run".

NOTE: Before any engine can be inducted for repair or inspection the engine must be loaded to the Configuration Subsystem within NALCOMIS.

16.2.5.74 Fix-In-Place (Material Not Required)

Figure 16-93 is an example of a supporting MAF for a fix-in-place repair action not requiring material. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Transaction code must be 11. (Appendix E)
M/L - Must be 2.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated from Engine Turn-in MAF.
WORK CENTER - Enter the appropriate work center. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.75 Fix-In-Place (Material Required)

Figure 16-94 is an example of a supporting MAF for a fix-in-place repair action requiring material. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Enter the failed parts, identify parts that caused AWP during repair, and/or record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Enter 12 when material is being indexed in failed required material. (Appendix E)
M/L - Must be 2.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

JOB CONTROL NUMBER - System generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.76 Removal/Replacement of a Tracked Consumable Component

Figure 16-95 is an example of a supporting MAF for a removal and replacement of a tracked consumable. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Must be 18. (Appendix E)
M/L - System generated.
A/T - Must be R. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - System generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.77 Removal/Replacement of a Repairable Component with No Repairable Sub-Subassemblies

Figure 16-96 is an example of a supporting MAF for a removal and replacement of a repairable with no repairable sub-subassemblies. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.

WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Must be 23. (Appendix E)
M/L - System generated.
A/T - Must be R. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - System generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.78 Removal/Replacement of a Repairable Component with Repairable Sub-Subassemblies

Figure 16-97 is an example of a supporting MAF for a removal and replacement of a repairable with repairable sub-subassemblies. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being removed/replaced.
ACT ORG - I-level organization code; system generated.
TRANS - Must be 23. (Appendix E)
M/L - System generated.
A/T - Must be R. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - System generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.79 Facilitate Other Maintenance (FOM)

Figure 16-98 is an example of a supporting MAF to FOM. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Must be 11. (Appendix E)
M/L - Must be 2.
A/T - Must be S. (Appendix E)
MAL CODE - Must be 800. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - Must be O. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - System generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.80 Engine Repair Control Document (Completed MAF)

Figure 16-99 is an example of a completed MAF for an engine repair control document. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - Enter the specific WUC of the item being processed.
ACT ORG* - I-level organization code; system generated.

TRANS - Transaction code must be 31. (Appendix E)
M/L* - Must be 2.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated from engine turn-in MAF.
BU/SER NUMBER* - System generated from engine turn-in MAF.
W/D* - System generated.
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
REMOVED/OLD ITEM*-Enter the appropriate data to reflect the PSSN as a removed component. Leave part number data field blank. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - System generated from engine turn-in MAF.
WORK CENTER* - System generated.
DISCREPANCY* - System generated.
CORRECTIVE ACTION - Enter the narrative description of the corrective action taken and indicate if RFI or BCM. This section may also be used to report test cell run time.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.81 Supply Asset Engine Build-Up

Figure 16-100 is an example of a MAF for a supply asset engine build-up. The following data fields require entries.

WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG - System generated.
TRANS - System generated 30.
M/L - System generated.
TYPE EQUIP - Enter the TEC for the engine.
BU/SER NUMBER - Enter the PSSN.
W/D - Enter WD Code O. (Appendix E)
T/M - Enter TM Code T. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM - Enter the appropriate data to reflect the PSSN as a removed component. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter the narrative description of the discrepancy. Provide inspection JCN for IMA use.
JOB CONTROL NUMBER - System generated with Supply Org.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
SYSTEM REASON - Enter engine serial number and the word "QEC".

NOTE: Before any engine can be inducted for repair or inspection the engine must be loaded to the Configuration Subsystem within NALCOMIS.

16.2.5.82 Engine Component Turn-In for Repair

Figure 16-101 is an example of an engine component turned in for repair. An engine component turned in for repair will have the following data fields which are system generated when the part is ordered.

WORK UNIT CODE - System generated.
MAL CODE - Enter conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP - System generated.
BU/SER NUMBER - System generated.
W/D - System generated.
T/M - System generated.
REMOVED/OLD ITEM - System generated.
JOB CONTROL NUMBER - System generated.
DISCREPANCY - System generated.
TURN-IN DOCUMENT - System generated.

16.2.5.83 Engine Component Repair (Completed)

Figure 16-102 is an example of a completed engine component repair. To complete the repair use the turn-in document and make the following entries. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields system generated from the turn-in document.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Enter the failed part(s), identify parts that caused AWP during repair, and/or record supply requisition(s) (if applicable).
WORK UNIT CODE* - System generated.
ACT ORG - I-level organization code; system generated.
TRANS - Must be 31 or 32. (Appendix E)
M/L - Must be 2, system generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated from engine turn-in MAF.
BU/SER NUMBER* - System generated from engine turn-in MAF.
W/D* - System generated.
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
JOB CONTROL NUMBER* - System generated from engine turn-in MAF.
WORK CENTER* - Enter the appropriate work center. (Appendix E)
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.84 Turn-In Document Solely for Major Engine Inspection

Figure 16-103 is an example of a turn-in document from O-level activity solely for a major engine inspection. This induction MAF also serves as the inspection control MAF. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "PC".

WORK UNIT CODE* - Enter the seven position WUC describing the inspection.
TYPE EQUIP* - Enter the TEC of the engine.
BU/SER NUMBER* - Enter the PSSN.
W/D* - Must be O.

T/M* - Must be J.

POSIT* - Enter the appropriate PSI (if applicable).

REMOVED/OLD ITEM* - Reflects the propulsion system as a removed component. Leave part number blank.

JOB CONTROL NUMBER* - Enter O-level inspection JCN.

DISCREPANCY* - Enter narrative description of the type of inspection to be performed and initiator.

TURN-IN DOCUMENT* - Enter turn-in document from O-level turn-in.

16.2.5.85 Control Document Solely for Major Engine Inspection (Completed)

Figure 16-104 an example of a completed control document for a major engine inspection. The I-level activity will fill in the following blocks on the control document for an engine that has been inducted into the I-level activity solely for a major engine inspection. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields system generated from the turn-in document.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - If only one work center is involved in the inspection, look phase man-hours may be entered on the control document. EMT will be system generated. If more than one work center is involved, a separate supporting MAF must be documented for each work center involved in the inspection.

WORK UNIT CODE* - System generated.

ACT ORG - I-level organization code; system generated.

TRANS - Must be 31. (Appendix E)

M/L* - Must be 2, system generated.

A/T - Must be 0. (Appendix E)

MAL CODE - Must be 000. (Appendix E)

I/P - Must be 1.

HOURS - System generated from accumulated work hours field.

TYPE EQUIP* - System generated from engine turn-in MAF.

BU/SER NUMBER* - System generated from engine turn-in MAF.

W/D* - System generated.

T/M* - System generated. (Appendix E)

POSIT - Enter the appropriate PSI (if applicable).

SFTY/EI - Enter the appropriate safety/EI number (if applicable).

JOB CONTROL NUMBER* - System generated from engine turn-in MAF.

WORK CENTER* - System generated.

DISCREPANCY* - System generated.

CORRECTIVE ACTION - Enter the narrative description of the corrective action and indicate if RFI or BCM.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: If the engine is to be BCM'd, it should be documented using a fix phase JCN. The turn-in document and E blocks will be transferred to the BCM MAF. The inspection control document for the BCM'd engine will be closed out using Transaction Code 11 and 0 items processed.

16.2.5.86 Control Document for Major Engine Inspection (Engine Undergoing Repair)

Figure 16-105 is an example of a supporting control document for an engine undergoing repair that requires a major inspection. I-level maintenance activities will comply with this instruction when engines are turned in for repair. If an inspection is required, the IMA will initiate the MAF. The following explains documentation:

WORK UNIT CODE - Enter the seven position WUC describing the inspection.

TYPE EQUIP - System generated from repair MAF.

BU/SER NUMBER - System generated from repair MAF.

W/D - System generated.
T/M - Must be J, system generated.
POSIT - Enter the appropriate PSI (if applicable).
JOB CONTROL NUMBER - System generated from engine turn-in MAF, must be A00, B00, etc.
DISCREPANCY - Enter narrative description of the type of inspection to be performed.
SYSTEM/REASON - Enter PSSN and the word INSP.

16.2.5.87 Major Engine Inspection (Look Phase Supporting Work Center)

Figure 16-106 is an example of a look phase supporting work center for a major engine inspection. If more than one work center is involved in the inspection, a separate supporting MAF must be documented for each work center. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields system generated from the control document created. Inspection look MAFs can be initiated when the control MAF is initiated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - System generated.
ACT ORG* - System generated.
TRANS - Must be 11. (Appendix E)
M/L* - System generated.
A/T* - System generated. (Appendix E)
MAL CODE* - System generated. (Appendix E)
I/P* - Must be 0, system generated.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated from inspection control MAF.
BU/SER NUMBER* - System generated from inspection control MAF.
W/D* - System generated.
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
JOB CONTROL NUMBER* - System generated from inspection control MAF.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
DISCREPANCY - Enter the MRC numbers to be complied with.
CORRECTIVE ACTION - Enter the MRC numbers complied with and item numbers of any discrepancy discovered. Inspection supervisor will assign a fix phase MAF to cover any discrepancy found.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
SYSTEM REASON - Engine SERNO and the word "LOOK".

16.2.5.88 Major Engine Inspection (Fix-In-Place)

Figure 16-107 is an example of the MAF documented for a fix-in-place for a major engine inspection. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields system generated from the control document created in.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG* - System generated.
TRANS - Must be 11 or 12. (Appendix E)
M/L* - System generated.

A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated from inspection control MAF.
BU/SER NUMBER* - System generated from inspection control MAF.
W/D* - System generated.
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time
JOB CONTROL NUMBER* - System generated from inspection control MAF.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
DISCREPANCY - Enter the MRC numbers to be complied with.
CORRECTIVE ACTION - Enter a narrative description of the corrective action taken.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.89 Major Engine Inspection (Fix Phase Removal and Replacement of a Repairable Component)

Figure 16-108 is an example of a removal and replacement of a repairable component during a major engine inspection. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields system generated from the control document created in.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - This section will be used to document Supply requisitions. No index.
WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG* - System generated.
TRANS - Must be 23. (Appendix E)
M/L* - System generated.
A/T - Must be R. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated from inspection control MAF.
BU/SER NUMBER* - System generated from inspection control MAF.
W/D* - System generated.
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates, and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - System generated from inspection control MAF.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter a narrative description of the corrective action taken.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.90 Major Engine Inspection (Component Turn-In)

Figure 16-109 is an example of a component turn-in during a major engine inspection. Turn-in MAF is created.

WORK UNIT CODE - System generated.

TYPE EQUIP - System generated.

BU/SER NUMBER - System generated.

W/D - System generated.

T/M - System generated.

POSIT - Enter the appropriate PSI (if applicable).

JOB CONTROL NUMBER - System generated.

DISCREPANCY - System generated.

SYSTEM/REASON - System generated.

16.2.5.91 Major Engine Inspection Completed After Repair Action

Figure 16-110 is an example of a major engine inspection control document after repair action. I-level maintenance activities will comply with this instruction when engines are turned in for repair. If an inspection is required, the I-level maintenance activity will initiate the MAF. When the original repair action is complete and the inspection is complete, there should be two completed control documents MAFs. The transaction code will be 31 for the repair control document and 11 for the inspection control document. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields system generated from the turn-in document.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - If only one work center is involved in the inspection, look phase man-hours may be entered on the control document. EMT will be system generated. If more than one work center is involved, a separate supporting MAF must be documented for each work center involved in the inspection.

WORK UNIT CODE* - System generated.

ACT ORG - I-level organization code; system generated.

TRANS - Must be 11. ([Appendix E](#))

M/L* - Must be 2; system generated.

A/T - Must be 0. ([Appendix E](#))

MAL CODE - Must be 000. ([Appendix E](#))

I/P - Must be 1.

HOURS - System generated from accumulated work hours field.

TYPE EQUIP* - System generated from engine turn-in MAF.

BU/SER NUMBER* - System generated from engine turn-in MAF.

W/D* - System generated.

T/M* - System generated. ([Appendix E](#))

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

POSIT - Enter the appropriate PSI (if applicable).

SFTY/EI - Enter the appropriate safety/EI number (if applicable).

JOB CONTROL NUMBER* - System generated from Engine Turn-in MAF.

WORK CENTER* - System generated.

DISCREPANCY* - System generated.

CORRECTIVE ACTION - Enter a narrative description of the corrective action taken.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.92 Supply Asset (TD Compliance Request)

Figure 16-111 is an example of the entries required by the Supply Department for TD compliance on all engines or engine components held as supply stock. The following explains documentation:

TECHNICAL DIRECTIVE ID INT - Enter X (if applicable).

TECHNICAL DIRECTIVE ID CODE - Enter appropriate code. (Appendix L)

TECHNICAL DIRECTIVE ID BASIC NO. - Enter basic number.

TECHNICAL DIRECTIVE ID RV - Enter revision (if applicable).

TECHNICAL DIRECTIVE ID AM - Enter amendment (if applicable).

TECHNICAL DIRECTIVE ID PART - Enter part (if applicable).

TECHNICAL DIRECTIVE ID KIT - Enter kit number.

TYPE EQUIP - Enter the TEC that identifies the type of engine to which the TD applies.

BU/SER NUMBER - Enter the PSSN of the engine or serial number of the component to which the TD applies.

REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates control number.

JOB CONTROL NUMBER - System generated.

DISCREPANCY - Enter the narrative description of the discrepancy and initiator.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.93 Supply Asset TD Compliance Request (IMA Production Control Entries)

Figure 16-112 is an example of the entries required by Production Control for TD compliance on all engines or engine components held as supply stock. (*) denotes entries completed when MAF was initiated.

ENTRIES REQUIRED SIGNATURE - Check LOGS and REC boxes and upon completion of TD compliance enter name/rate/rank to certify all applicable logs/records have had appropriate entries made.

WORK UNIT CODE - Enter the WUC which identifies the engine or component to which the TD applies.

ACT ORG - I-level organization code, system generated.

TRANS - Must be 41 or 47 (as appropriate); system generated. (Appendix E)

M/L - Must be 2; system generated.

TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).

TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. (Appendix E)

TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.

TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).

TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).

TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).

TECHNICAL DIRECTIVE ID KIT* - Enter kit number.

TYPE EQUIP* - Enter the TEC that identifies the type of engine to which the TD applies.

BU/SER NUMBER* - Enter the PSSN of the engine or serial number of the component to which the TD applies.

JOB CONTROL NUMBER* - System generated.

WORK CENTER - Enter the appropriate work center code. (Appendix E)

REMOVED/OLD ITEM - Enter the appropriate data for PSSN. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.

DISCREPANCY* - Enter the narrative description of the discrepancy and initiator.

NOTE: Production Control will initiate separate MAFs for each work center involved, using the same JCN as the control document.

16.2.5.94 Supply Asset (TD Compliance Completed)

Figure 16-113 is an example of the completed TD compliance (work center entries) for supply stock. (*) denotes those data fields previously completed by Supply and Production Control. .

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - System generated.
ACT ORG - I-level organization code, system generated.
TRANS - Transaction code must be 41 or 47 (as appropriate).
M/L* - System generated.
A/T - Enter TD status code. (Appendix E)
I/P - Enter the total number of items processed. The following conditions will apply to the number of items processed being recorded. : (1) TD Status Codes A or W will require 0's. (2) TD Status codes C, D, P, or Q will require a minimum of 1 in this data field.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. (Appendix E)
TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.
TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT* - Enter kit number.
TYPE EQUIP* - Enter the TEC that identifies the type of engine to which the TD applies.
BU/SER NUMBER* - Enter the PSSN of the engine or serial number of the component to which the TD applies.
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time, system generated. In-work/completed date/time; enter the appropriate Julian date and time.
JOB CONTROL NUMBER* - System generated.
WORK CENTER* - Enter the appropriate work center code. (Appendix E)
REMOVED/OLD ITEM - Enter the appropriate data for PSSN. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.95 O-Level Engine TD Compliance Request

Figure 16-114 is an example of the O-level originating the TD compliance MAF (turn-in) using an O-level JCN for engines or engine components sent to the I-level activity solely for TD compliance. The following data fields will be filled in at the I-level activity. Type MAF Code "TD".

WORK UNIT CODE - Enter the specific WUC of the item being processed.
TYPE EQUIP - Enter the TEC that identifies the type of engine to which the TD applies.
BU/SER NUMBER - Enter the PSSN of the engine or serial number of the component to which the TD applies; otherwise enter 000000.
TECHNICAL DIRECTIVE ID INT - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE - Enter appropriate code. (Appendix E)

TECHNICAL DIRECTIVE ID BASIC NO. - Enter basic number.
TECHNICAL DIRECTIVE ID RV - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT - Enter kit number.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM - Enter the appropriate data for the PSSN. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY- Enter the narrative description of the discrepancy.
JOB CONTROL NUMBER - Utilize O-level JCN from turn-in.
TURN-IN DOCUMENT - Enter the data from turn-in MAF. If engine/component is not ordered but simply turned in for TD compliance, leave blank.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.96 O-Level Engine TD Compliance Request (Production Control Entries)

Figure 16-115 is an example of Production Control entries for an O-level engine TD compliance. (*) denotes those data fields that are system generated.

WORK UNIT CODE* - Enter the specific WUC of the item being processed.
TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. ([Appendix E](#))
TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.
TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT* - Enter kit number.
TYPE EQUIP* - Enter the TEC for equipment.
BU/SER NUMBER* - Enter the appropriate bureau/serial number; must be on database.
POSIT* - Enter the appropriate PSI (if applicable).
SFTY/EI* - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM*-Enter the appropriate data for the PSSN. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - Utilize O-level JCN.
WORK CENTER* - Enter the appropriate work center code. ([Appendix E](#))
DISCREPANCY* - Enter the narrative description of the discrepancy.
PRI - Enter 1, 2, or 3.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.97 O-Level Engine TD Compliance Request (Completed)

Figure 16-116 is an example of a completed I-level work center MAF for an engine TD compliance request. (*) denotes those data fields that are system generated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - System generated.
ACT ORG* - System generated.
TRANS - Transaction code must be 41. ([Appendix E](#))
M/L* - System generated.
A/T - Enter the appropriate TD status code that describes the action taken by the reporting work center. ([Appendix E](#))

I/P - Enter the total number of items processed. The following conditions will apply to the number of items processed: (1) TD Status Codes A or W will require 0's. (2) TD Status codes C, D, P, or Q will require a 1 in this data field.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TECHNICAL DIRECTIVE ID INT* - System generated.

TECHNICAL DIRECTIVE ID CODE* - System generated. ([Appendix E](#))

TECHNICAL DIRECTIVE ID BASIC NO.* - System generated.

TECHNICAL DIRECTIVE ID RV* - System generated.

TECHNICAL DIRECTIVE ID AM* - System generated.

TECHNICAL DIRECTIVE ID PART* - System generated.

TECHNICAL DIRECTIVE ID KIT* - System generated.

TYPE EQUIP* - System generated.

BU/SER NUMBER* - System generated.

POSIT* - System generated.

SFTY/EI* - System generated.

REMOVED/OLD ITEM* - System generated.

REPAIR CYCLE - Received date/time, system generated. In-work/completed date/time; enter the appropriate Julian date and time.

JOB CONTROL NUMBER* - System generated.

WORK CENTER* - System generated. ([Appendix E](#))

DISCREPANCY* - System generated.

CORRECTIVE ACTION - Enter the narrative description of the discrepancy.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.98 I-Level Originated TD Compliance Request (Engine Component)

[Figure 16-117](#) is an example of an I-level originated TD compliance. The following explains documentation:

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

FAILED/REQUIRED MATERIAL - This section will be used to record supply requisitions.

WORK UNIT CODE - Enter the specific WUC for the item being processed.

ACT ORG - I-level organization code; system generated.

TRANS - Transaction code must be 41 or 47. ([Appendix E](#))

M/L - Enter the appropriate maintenance level.

TYPE EQUIP - Enter the TEC that identifies the type of engine to which the TD applies. Enter YE series TEC for components.

BU/SER NUMBER - Enter the PSSN of the engine or serial number of the component to which the TD applies, otherwise enter 000000.

TECHNICAL DIRECTIVE ID INT - Enter X (if applicable).

TECHNICAL DIRECTIVE ID CODE - Enter appropriate code. ([Appendix E](#))

TECHNICAL DIRECTIVE ID BASIC NO. - Enter basic number.

TECHNICAL DIRECTIVE ID RV - Enter revision (if applicable).

TECHNICAL DIRECTIVE ID AM - Enter amendment (if applicable).

TECHNICAL DIRECTIVE ID PART - Enter part (if applicable).

TECHNICAL DIRECTIVE ID KIT - Enter kit number.

POSIT - Enter the appropriate PSI (if applicable).

SFTY/EI - Enter the appropriate safety/EI number (if applicable).

REPAIR CYCLE - Received date/time, system generated. In-work/completed date/time; enter the appropriate Julian date and time.

REMOVED/OLD ITEM - Enter the FSCM, serial number, part number, and Julian date removed. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.

JOB CONTROL NUMBER - Enter a supply JCN.

WORK CENTER - Enter the appropriate work center code. (Appendix E)

DISCREPANCY - Enter the narrative description of the discrepancy.

NOTES: 1. TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

2. Production Control will initiate separate MAFs for each work center involved.

16.2.5.99 I-Level Originated TD Compliance (Completed)

Figure 16-118 is an example of a completed MAF for an I-level originated TD compliance. The following explains documentation. (*) denotes those data fields that are system generated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL* - This section will be used to record supply requisitions.

WORK UNIT CODE* - Enter the specific WUC for the item being processed.

ACT ORG* - I-level organization code; system generated.

TRANS - Enter the appropriate transaction code. (Appendix E)

M/L* - System generated.

A/T - Enter the appropriate TD status code. (Appendix E)

I/P - Enter the total number of items processed. The following conditions will apply to the number of items processed: (1) TD Status Codes A or W will require 0's. (2) TD Status codes C, D, P, or Q will require 01.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TECHNICAL DIRECTIVE ID INT* - Enter X (if applicable).

TECHNICAL DIRECTIVE ID CODE* - Enter appropriate code. (Appendix E)

TECHNICAL DIRECTIVE ID BASIC NO.* - Enter basic number.

TECHNICAL DIRECTIVE ID RV* - Enter revision (if applicable).

TECHNICAL DIRECTIVE ID AM* - Enter amendment (if applicable).

TECHNICAL DIRECTIVE ID PART* - Enter part (if applicable).

TECHNICAL DIRECTIVE ID KIT* - Enter kit number.

TYPE EQUIP* - Enter the TEC for the equipment.

BU/SER NUMBER* - Enter the appropriate bureau/serial number; must be on the database.

POSIT* - Enter the appropriate PSI (if applicable).

SFTY/EI* - Enter the appropriate safety/EI number; if applicable.

REMOVED/OLD ITEM*-Enter the FSCM, serial number, part number, and Julian date removed. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.

INSTALLED NEW ITEM - Enter the FSCM, serial number, part number, and Julian date installed. Second Time cycle denotes installation of a warranted item. Third time cycle indicates contract number.

JOB CONTROL NUMBER* - Supply JCN.

WORK CENTER* - Enter the appropriate work center code. (Appendix E)

DISCREPANCY* - Enter the narrative description of discrepancy.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.100 O-Level Request for TD Compliance Assist (Engine Component)

Figure 16-119 is an example of the entries on the turn-in MAF from the O-level activity. Type MAF code "TD".

WORK UNIT CODE - Enter the specific WUC of the item being processed.
TYPE EQUIP - Enter the TEC that identifies the type of engine to which the TD applies. Enter YE series TEC for components.
BU/SER NUMBER - Enter the PSSN of the engine or serial number of the component to which the TD applies, otherwise enter 000000.
TECHNICAL DIRECTIVE ID INT - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE - Enter appropriate code. (Appendix E)
TECHNICAL DIRECTIVE ID BASIC NO. - Enter basic number.
TECHNICAL DIRECTIVE ID RV - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT - Enter kit number.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM - Enter the FSCM, serial number, part number, Julian date removed. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter the narrative description of the discrepancy.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.101 O-Level Request for TD Compliance Assist (AMSU/Production Control Entries)

Figure 16-120 is an example of the entries required by AMSU/Production Control for an O-level TD compliance assist. Type MAF code "TD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG - I-level organization code; system generated.
TRANS - Transaction code must be 41 or 47 (as appropriate). (Appendix E)
M/L - Must be 2.
TECHNICAL DIRECTIVE ID INT - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE - Enter appropriate code. (Appendix E)
TECHNICAL DIRECTIVE ID BASIC NO. - Enter basic number.
TECHNICAL DIRECTIVE ID RV - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT - Enter kit number.
TYPE EQUIP - Enter the TEC that identifies the type of engine to which the TD applies. Enter YE series TEC for components.
BU/SER NUMBER - Enter the PSSN of the engine or serial number of the component to which the TD applies; otherwise enter 000000.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM - Enter the FSCM, serial number, part number, and Julian date removed. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - Utilize O-level JCN.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
PRI - Enter 1, 2, or 3.

NOTES: 1. TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

2. Production Control will initiate separate MAFs for each work center involved, using the same JCN as the control document.

16.2.5.102 O-Level Request for TD Compliance Assist (Completed)

Figure 16-121 is an example of a completed MAF for an O-level TD compliance assist. The following explains documentation. (*) denotes those data fields that are system generated. Type MAF Code "TD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

WORK UNIT CODE* - System generated.

ACT ORG* - System generated.

TRANS - Enter the appropriate transaction code. (Appendix E)

M/L* - System generated.

A/T - Enter the appropriate TD status code. (Appendix E)

I/P - Must be 0.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TECHNICAL DIRECTIVE ID INT* - System generated.

TECHNICAL DIRECTIVE ID CODE* - System generated. (Appendix E)

TECHNICAL DIRECTIVE ID BASIC NO.* - System generated.

TECHNICAL DIRECTIVE ID RV* - System generated.

TECHNICAL DIRECTIVE ID AM* - System generated.

TECHNICAL DIRECTIVE ID PART* - System generated.

TECHNICAL DIRECTIVE ID KIT* - System generated.

TYPE EQUIP* - System generated.

BU/SER NUMBER* - System generated.

POSIT* - System generated.

SFTY/EI* - System generated.

REMOVED/OLD ITEM* - System generated.

INSTALLED NEW ITEM - Enter the FSCM, serial number, part number, and Julian date installed. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.

JOB CONTROL NUMBER* - System generated.

WORK CENTER* - System generated. (Appendix E)

DISCREPANCY* - System generated.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTES: 1. TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

2. If an engine or engine component sent to the IMA for TD compliance is found to require repair, the IMA will inform the O-level activity, which must provide a turn-in MAF for documenting the repair action. The original TD compliance MAF is destroyed and Production Control initiates a replacement TD compliance MAF using a supply JCN.

16.2.5.103 O-Level Turn-In Control Document for Engine Repair (Modular Engine)

Figure 16-122 is an example of an O-level turn-in MAF for a modular engine repair. Type MAF Code "D".

WORK UNIT CODE - Enter the specific WUC for the item being processed.

MAL CODE - Enter the conditional MAL code (if applicable); otherwise leave blank.

TYPE EQUIP - Enter the TEC of the engine.
BU/SER NUMBER - Enter the PSSN.
W/D - Enter the applicable WD code. ([Appendix E](#))
T/M - Enter the appropriate TM code. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SAFETY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM-Reflects the PSSN as a removed component on the turn-in MAF. Leave part number blank. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter narrative description of the discrepancy and initiator. Provide inspection JCN for IMA use.
INSPECTION JCN - Enter inspection JCN from discrepancy field.
TURN-IN DOCUMENT - Transcribe the data from O-level turn-in.

16.2.5.104 Fix-In-Place (Not Requiring Material)

[Figure 16-123](#) is an example of a supporting MAF for a fix-in-place repair action on a modular engine not requiring material. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE - System generated from engine turn-in MAF.
ACT ORG - I-level organization code. System generated.
TRANS - Must be 11. ([Appendix E](#))
M/L - Must be 2; system generated.
A/T - System generated from engine turn-in MAF.
MAL CODE - System generated from engine turn-in MAF.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - JCN system generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.105 Fix-In-Place (Requiring Material)

[Figure 16-124](#) is an example of a supporting MAF for a fix-in-place repair action on a modular engine requiring material. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED REQUIRED MATERIAL - Enter the failed parts, identify parts that caused AWP during repair, and/or record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code, system generated.
TRANS - Enter 12 when material is being indexed in failed/required material. ([Appendix E](#))
M/L - System generated from engine turn-in MAF, must be 2.
A/T - System generated from engine turn-in MAF.
MAL CODE - System generated from engine turn-in MAF.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
JOB CONTROL NUMBER - JCN system generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.106 Removal/Replacement of a Repairable Subassembly with No Repairable Sub-Subassemblies

[Figure 16-125](#) is an example of a removal/replacement of a repairable subassembly with no repairable sub-subassemblies. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 23. ([Appendix E](#))
M/L - System generated.
A/T - Must be R. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - JCN system generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.107 Removal/Replacement of a Repairable Module/Component with Repairable Sub-Subassemblies

[Figure 16-126](#) is an example of a supporting MAF for a removal/replacement of repairable modules/components with repairable sub-subassemblies. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 23. ([Appendix E](#))
M/L - System generated.
A/T - Must be R. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated from engine turn-in MAF.
BU/SER NUMBER - System generated from engine turn-in MAF.
W/D - System generates W; it can be changed to R or X. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - JCN system generated from engine turn-in MAF.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.108 Engine Repair Control Document (Completed)

[Figure 16-127](#) is an example of a completed engine repair control document. Use the turn-in document and complete the following blocks. The following data fields require entries to document a completed action.

Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields completed by the AMSU induction. Type MAF Code "D".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - System generated.
ACT ORG* - System generated.
TRANS - Transaction code must be 31. (Appendix E)
M/L* - System generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated.
BU/SER NUMBER* - System generated.
W/D* - System generated. (Appendix E)
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE* - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates, and times.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
WORK CENTER* - System generated. (Appendix E)
DISCREPANCY* - System generated.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.109 Turn-In of Repairable Module with Repairable Sub-Subassemblies

Figure 16-128 is an example of a turn-in MAF for repairable sub-subassemblies. An engine module turned in for repair will have the following data fields system generated when the part is ordered. (*) denotes those data fields that are system generated.

WORK UNIT CODE* - System generated.
MAL CODE - Enter conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP* - System generated for modules with an X in the fourth position.
BU/SER NUMBER* - System generated.
W/D* - System generated.
T/M* - System generated.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
DISCREPANCY* - System generated.
TURN-IN DOCUMENT - System generated.

16.2.5.110 Removal/Replacement of a Repairable Sub-Subassembly from a Module

Figure 16-129 is an example of a supporting MAF for a removal/replacement of a repairable sub-subassembly from a module. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being removed/replaced.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 23. (Appendix E)
M/L - System generated.
A/T - Must be R. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated for the engine module with fourth position X.
BU/SER NUMBER - System generated for the engine module.
W/D - System generates W; it can be changed to R or X. (Appendix E)
T/M - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.111 Module Repair (Completed)

Figure 16-130 is an example of a completed MAF for module repair. Use the turn-in document and complete the following blocks. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields that are system generated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE* - Enter the specific WUC for the item being removed/replaced.
ACT ORG - I-level organization code; system generated.
TRANS - Transaction code must be 31. (Appendix E)
M/L - Must be 2; system generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated for the engine module with fourth position X.
BU/SER NUMBER* - System generated for the engine module.
W/D* - System generates W; it can be changed to R or X. (Appendix E)

T/M* - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates, and times.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER* - System generated.
WORK CENTER* - Enter the appropriate work center code. ([Appendix E](#))
DISCREPANCY* - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.112 Turn-In of Repairable Sub-Subassembly from a Repairable Component

[Figure 16-131](#) is an example of a turn-in MAF for a repairable sub-subassembly from a repairable component. A repairable sub-subassembly turned in for repair will have the following data fields system generated when the part is ordered. (*) denotes those data fields that are system generated.

WORK UNIT CODE* - System generated.
MAL CODE - Enter conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP* - System generated for modules with an X in the fourth position.
BU/SER NUMBER* - System generated to reflect module serial number.
W/D* - System generated.
T/M* - System generated.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
DISCREPANCY* - System generated.
TURN-IN DOCUMENT - System generated.

16.2.5.113 Repair of a Repairable Component with Required Material

[Figure 16-132](#) is an example of a repair of a repairable component with required material. Use the turn-in document and complete the following blocks. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields that are system generated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE* - Enter the specific WUC for the item being removed/replaced.
ACT ORG - I-level organization code; system generated.
TRANS - Transaction code must be 31 or 32. ([Appendix E](#))
M/L - Must be 2; system generated.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated for the engine module with fourth position X.
BU/SER NUMBER* - System generated for the engine module.
W/D* - System generates W; it can be changed to R or X. ([Appendix E](#))
T/M* - System generated. ([Appendix E](#))

POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - System generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.114 Turn-In of a Repairable Component Sub-Subassemblies

Figure 16-133 is an example of a turn-in MAF for a repairable component. Use for turn-in of defective sub-subassembly for sub-subassembly repair in the I-level activity when the repair of these items is accomplished as a separate job. (*) denotes those data fields that are system generated.

WORK UNIT CODE* - System generated.
MAL CODE - Enter conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP* - System generated for modules with an X in the fourth position.
BU/SER NUMBER* - System generated to reflect module serial number.
W/D* - System generated.
T/M* - System generated.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
DISCREPANCY* - System generated.
TURN-IN DOCUMENT* - System generated.

16.2.5.115 Repair of a Sub-Subassembly from a Component Subassembly (Completed)

Figure 16-134 is an example of a completed MAF for repair of a sub-subassembly from a component subassembly. Use the turn-in document and complete the following blocks. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields that are system generated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE* - Enter the specific WUC for the item being removed/replaced.
ACT ORG - I-level organization code; system generated.
TRANS - Transaction code must be 31 or 32. (Appendix E)
M/L - Must be 2; system generated.
A/T - Enter the appropriate AT code. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated for the engine module with fourth position X.
BU/SER NUMBER* - System generated for the engine module.
W/D* - System generates W; it can be changed to R or X. (Appendix E)
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).

SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates, and times.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - System generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.116 Removal/Replacement of a Repairable Sub-Subassembly from a Module

Figure 16-135 is an example of a removal and replacement of a repairable sub-subassembly MAF from a module. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions. (*) denotes those data fields that are system generated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE* - Enter the specific WUC for the item being removed/replaced.
ACT ORG - I-level organization code; system generated.
TRANS - Transaction code must be 23. (Appendix E)
M/L - Must be 2; system generated.
A/T - Must be R. (Appendix E)
MAL CODE - Enter the appropriate MAL code. (Appendix E)
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP* - System generated for the engine module with fourth position X.
BU/SER NUMBER* - System generated for the engine module.
W/D* - System generates W; it can be changed to R or X. (Appendix E)
T/M* - System generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM*-Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
JOB CONTROL NUMBER - System generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E)

16.2.5.117 Turn-In of a Repairable Sub-Subassembly from a Module

Figure 16-136 is an example of a turn-in of a repairable sub-subassembly from a module. (*) denotes those data fields that are system generated.

WORK UNIT CODE* - System generated.
MAL CODE - Enter conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP* - System generated for modules with an X in the fourth position.
BU/SER NUMBER* - System generated to reflect module serial number.
W/D* - System generated.
T/M* - System generated.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
DISCREPANCY* - System generated.
TURN-IN DOCUMENT* - System generated.

16.2.5.118 O-Level Turn-In Control Document Modular Engine Turn-In (Solely for Major Engine Inspection)

Figure 16-137 is an example of an O-level turn-in control document. Use for turn-in from the O-level activity to accomplish the induction of the engine. Type MAF Code PC.

WORK UNIT CODE - Enter the seven position WUC describing the inspection.
TYPE EQUIP - Enter the TEC of the engine.
BU/SER NUMBER - Enter the PSSN for the engine.
W/D - Must be O.
T/M - Must be J.
POSIT - Enter the appropriate PSI (if applicable).
REMOVED/OLD ITEM - Reflects the PSSN as a removed component. Leave part number blank.
JOB CONTROL NUMBER - Use O-level phase JCN.
DISCREPANCY - Enter narrative description of the type of inspection to be performed and initiator.
TURN-IN DOCUMENT - Use O-level turn-in document number.
SYSTEM/REASON - Enter the engine PSSN and the word MOM.

16.2.5.119 Major Modular Engine Inspection (Look Phase Supporting Work Center)

Figure 16-138 is an example of a look phase supporting work center for a major engine inspection not requiring any material. If more than one work center is involved in the inspection, a separate supporting MAF must be documented for each work center. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE - Same as control document.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 11, system generated. (Appendix E)
M/L - System generated.
A/T - Must be 0. (Appendix E)
MAL CODE - Must be 000. (Appendix E)
I/P - Must be 0.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Same as control document, system generated.
BU/SER NUMBER - Same as control document, system generated.
W/D - Same as control document, system generated. (Appendix E)
T/M - Same as control document, system generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

DISCREPANCY - Enter the card numbers of the MRC to be complied with.
CORRECTIVE ACTION - Enter the MRC card numbers complied with and item numbers of any discrepancy discovered. Any discrepancy found will have a fix phase JCN assigned.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
SYSTEM/REASON - Enter the engine serial number and the word LOOK.

16.2.5.120 Major Modular Engine Inspection (Look Phase Supporting Work Center) (Engine Test Cell Run)

Figure 16-139 is an example of a look phase supporting work center for a major engine inspection (Engine Test Cell Run). The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
WORK UNIT CODE - Same as control document.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 11, system generated. (Appendix E)
M/L - System generated.
A/T - Must be 0. (Appendix E)
MAL CODE - Must be 000. (Appendix E)
I/P - Must be 0.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Same as control document, system generated.
BU/SER NUMBER - Same as control document, system generated.
W/D - Same as control document, system generated. (Appendix E)
T/M - Same as control document, system generated. (Appendix E)
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
DISCREPANCY - Enter the card numbers of the MRC to be complied with.
CORRECTIVE ACTION - Enter the MRC card numbers complied with and item numbers of any discrepancy discovered. Any discrepancy found will have a fix phase JCN assigned.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. (Appendix E)
SYSTEM/REASON - Enter the engine serial number and the word RUN.

16.2.5.121 Major Engine Inspection (Fix-In-Place)

Figure 16-140 is an example of a fix-in-place MAF during a major engine inspection. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Enter the failed parts(s), identify parts that caused AWP during repair, and/or record supply requisition(s) (if applicable).
WORK UNIT CODE - Enter the specific WUC.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 11 or 12. ([Appendix E](#))
M/L - System generated.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Same as control document, system generated.
BU/SER NUMBER - Same as control document, system generated.
W/D - Must be M, system generated. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))

16.2.5.122 Major Engine Inspection (Fix Phase Module Replacement)

[Figure 16-141](#) is an example of a fix phase module replacement MAF during a major engine inspection. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE - Enter the specific WUC for the item being requisitioned.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 23. ([Appendix E](#))
M/L - Must be 2; system generated.
A/T - Must be R. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Same as control document.
BU/SER NUMBER - Same as control document.
W/D - Must be M. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

REMOVED/OLD ITEM - Enter the appropriate data to reflect the old module. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data to reflect the new module. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))

16.2.5.123 Major Engine Inspection (Module Turn-In)

[Figure 16-142](#) is an example of a fix phase module replacement MAF during a major engine inspection. (*) denotes those data fields that are system generated.

WORK UNIT CODE* - System generated.
MAL CODE - Enter conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP* - System generated for modules with an X in the fourth position.
BU/SER NUMBER* - System generated to reflect module serial number.
W/D* - System generated.
T/M* - System generated.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
DISCREPANCY* - System generated.
TURN-IN DOCUMENT* - System generated.

16.2.5.124 Major Engine Inspection (Fix Phase Repairable Component Replacement)

[Figure 16-143](#) is an example of a fix phase repairable component replacement MAF during a major engine inspection. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Record supply requisitions.
WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 23. ([Appendix E](#))
M/L - Must be 2; system generated.
A/T - Must be R. ([Appendix E](#))
MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated for the engine.
BU/SER NUMBER - System generated for the engine.
W/D - System generated. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))

16.2.5.125 Major Engine Inspection (Fix Phase Component Turn-In)

[Figure 16-144](#) is an example of a fix phase component turn-in MAF during a major engine inspection. (*) denotes those data fields that are system generated.

WORK UNIT CODE* - System generated.
MAL CODE - Enter conditional MAL code (if applicable); otherwise leave blank.
TYPE EQUIP* - System generated for engine TEC.
BU/SER NUMBER* - System generated to reflect engine.
W/D* - System generated.
T/M* - System generated.
REMOVED/OLD ITEM* - System generated.
JOB CONTROL NUMBER* - System generated.
DISCREPANCY* - System generated.
TURN-IN DOCUMENT - System generated.

16.2.5.126 Completed Major Inspection Control Document (Modular Engine Turned-In Solely for Major Inspection)

[Figure 16-145](#) is an example of a major inspection control document for an engine turned-in solely for inspection. The following data fields require entries for a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - If only one work center is involved in the inspection, look phase man-hours and EMT may be entered on the control document. If more than one work center is involved, a separate supporting MAF must be documented for each work center involved in the inspection.
WORK UNIT CODE - Enter the specific WUC for the item being processed.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 31. ([Appendix E](#))
M/L - Must be 2; system generated.
A/T - Must be 0. ([Appendix E](#))
MAL CODE - Must be 000. ([Appendix E](#))
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - System generated for the engine.
BU/SER NUMBER - System generated for the engine.
W/D - System generated. ([Appendix E](#))
T/M - System generated. ([Appendix E](#))
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.
REMOVED/OLD ITEM - Reflects the PSSN as a removed component on the control document only. All other supporting documents will not have the PSSN identification listed in the "E" record. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.
JOB CONTROL NUMBER - JCN system generated.
WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))

16.2.5.127 O-Level Activity Request for a Modular Engine TD Compliance by I-Level Activity

[Figure 16-146](#) is an example of the O-level originating the TD compliance MAF using an O-level JCN for modular engine sent to the I-level activity solely for TD compliance. Type MAF Code TC.

WORK UNIT CODE - Enter the module or component WUC.
TECHNICAL DIRECTIVE ID INT - Enter X (if applicable).
TECHNICAL DIRECTIVE ID CODE - Enter appropriate code. ([Appendix E](#))
TECHNICAL DIRECTIVE ID BASIC NO. - Enter basic number.
TECHNICAL DIRECTIVE ID RV - Enter revision (if applicable).
TECHNICAL DIRECTIVE ID AM - Enter amendment (if applicable).
TECHNICAL DIRECTIVE ID PART - Enter part (if applicable).
TECHNICAL DIRECTIVE ID KIT - Enter kit number.
TYPE EQUIP - Enter the TEC for module to which the TD applies.
BU/SER NUMBER - Enter the appropriate bureau/serial number for the module.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REMOVED/OLD ITEM-Must be filled in under the following circumstances: 1) If module will have a part number change; 2) If the TD applies to a component within the module, enter the information concerning the component. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
JOB CONTROL NUMBER - Use O-level JCN.
DISCREPANCY - Enter the narrative description of the discrepancy and initiator.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.128 Production Control Entries (O-Level Activity Request for TD Compliance)

[Figure 16-147](#) is an example of Production Control entries on an O-level activity request for a TD compliance MAF. (*) indicates data entered from the O-level turn-in document.

WORK UNIT CODE* - System generated.
ACT ORG* - System generated.
TRANS - Transaction code must be 41 or 47 (as appropriate). ([Appendix E](#))
M/L* - System generated. Must be 2.
TECHNICAL DIRECTIVE ID INT* - System generated.
TECHNICAL DIRECTIVE ID CODE* - System generated. ([Appendix E](#))
TECHNICAL DIRECTIVE ID BASIC NO.* - System generated.
TECHNICAL DIRECTIVE ID RV* - System generated.
TECHNICAL DIRECTIVE ID AM* - System generated.
TECHNICAL DIRECTIVE ID PART* - System generated.
TECHNICAL DIRECTIVE ID KIT* - System generated.
TYPE EQUIP* - System generated.

BU/SER NUMBER* - System generated.
POSIT - Enter the appropriate PSI (if applicable).
SFTY/EI - Enter the appropriate safety/EI number (if applicable).
REPAIR CYCLE - Received date/time, system generated. In-work/completed date/time; enter the appropriate Julian date and time.
REMOVED/OLD ITEM-Must be filled in under the following circumstances: 1) If module will have a part number change; 2) If the TD applies to a component within the module, enter the information concerning the component. Second time cycle denotes removal of a warranted item. Third time cycle indicates contract number.
DISCREPANCY - Enter the narrative description of the discrepancy and initiator.
JOB CONTROL NUMBER - Use O-level JCN.
WORK CENTER* - System generated. ([Appendix E](#))

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.129 Completed TD Compliance (Applies to a Module With No Module or Repairable Component P/N Change)

[Figure 16-148](#) is an example of a TD compliance MAF documenting an end item TD with no removed component. For each component removed, a separate TD compliance turn-in document is generated per [paragraph 16.2.5.20](#). The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

NOTE: All TDs must reside in the configuration sub-system prior to the TD MAF being initiated.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the parts required information.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Must be 41. ([Appendix E](#))
M/L - Must be 1.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Leave blank.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Not required.
T/M - Not required.
POSIT - Not required.
SAFETY/EI - Not required.
TECHNICAL DIRECTIVE ID - Enter the appropriate TD information for the Code/Basic No/Kit.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates/times.
REMOVED/OLD ITEM - Enter the appropriate data, if required.
INSTALLED/NEW ITEM - Enter the appropriate data, if required.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description.
CORRECTIVE ACTION - Enter the narrative description.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF. Not required.

16.2.5.130 TD Compliance (Applies to a Module With P/N Change)

Figure 16-149 is an example of a MAF documented when processing an item for TD compliance at the IMA. The IMA will complete the remainder of the TD compliance MAF accounting for the item(s) processed in IP data field. (*) denotes those data fields previously completed by the AMSU induction. Type MAF Code "TD".

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

WORK UNIT CODE* - System generated.

ACT ORG - I-level organization code; system generated.

TRANS - Must be 47. (Appendix E)

M/L* - System generated.

A/T - Enter the TD status code.

I/P - Enter the total number of items processed.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TECHNICAL DIRECTIVE ID INT* - System generated.

TECHNICAL DIRECTIVE ID CODE* - System generated. (Appendix E)

TECHNICAL DIRECTIVE ID BASIC NO.* - System generated.

TECHNICAL DIRECTIVE ID RV* - System generated.

TECHNICAL DIRECTIVE ID AM* - System generated.

TECHNICAL DIRECTIVE ID PART* - System generated.

TECHNICAL DIRECTIVE ID KIT* - System generated.

TYPE EQUIP* - System generated.

BU/SER NUMBER* - System generated.

POSIT* - System generated.

SFTY/EI - Enter the appropriate safety/EI number (if applicable).

REPAIR CYCLE - Received date/time; system generated. In-work /completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates, and times.

REMOVED/OLD ITEM* - System generated.

INSTALLED NEW ITEM-Entries are required when a Y, D, S, H, or G series TEC is entered or whenever an incorporation is being reported against a component related modification. Second time cycle denotes installation of a warranted item. Third time cycle indicates contract number.

JOB CONTROL NUMBER* - System generated.

WORK CENTER* - System generated.

DISCREPANCY* - System generated.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

NOTE: TD identification information must be loaded to the NALCOMIS Configuration Subsystem prior to the induction of any TD.

16.2.5.131 TD Compliance (Applies to a Component Within A Module)

Figure 16-150 is an example of a completed off-equipment TD compliance action. Off-equipment TD compliance actions are documented by completing the TD compliance turn-in document. The following data fields require entries to document a completed action. Some data fields are system generated or updated by using on-line functions.

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - Enter the parts required information.
WORK UNIT CODE - Enter the specific WUC of the item being processed.
ACT ORG - System generated.
TRANS - Must be 47. ([Appendix E](#))
M/L - Must be 2.
A/T - Enter the appropriate AT code. ([Appendix E](#))
MAL CODE - Leave blank.
I/P - Enter the total number of items processed.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the TEC for the item being processed.
BU/SER NUMBER - Enter the appropriate bureau/serial number.
W/D - Not required.
T/M - Not required.
POSIT - PSI (if applicable).
SAFETY/EI - Not required.
TECHNICAL DIRECTIVE ID - Enter the appropriate TD information for the Code/Basic No/Kit.
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.
MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates/times.
REMOVED/OLD ITEM - Enter the appropriate data, if required.
INSTALLED/NEW ITEM - Enter the appropriate data, if required.
JOB CONTROL NUMBER - System generated upon Production Control approval.
WORK CENTER - Enter the appropriate work center.
DISCREPANCY - Enter the narrative description of the discrepancy.
CORRECTIVE ACTION - Enter the narrative description of the corrective action.
CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.
MAINT CONTROL - Signature is electronically posted to the MAF. Not required.

16.2.5.132 Engine or Module Cannibalization (For A Supported Activity)

[Figure 16-151](#) is an example of cannibalization action of a removal and subsequent replacement of a component from an engine or module under repair. Removed for a supported activity. Some data fields are system generated or updated by using on-line functions. The following explains documentation:

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.
ACCUMULATED WORK HOURS - Enter the appropriate data.
FAILED/REQUIRED MATERIAL - This section will be used to document or record supply requisitions.
WORK UNIT CODE - Enter the specific WUC of the item being cannibalized.
ACT ORG - I-level organization code, system generated.
TRANS - Must be 18. ([Appendix E](#))
M/L - Must be 2.
A/T - Must be T. ([Appendix E](#))
MAL CODE - Must be 813, 814, 815, 816, 817, or 818. ([Appendix E](#))
I/P - Must be 1.
HOURS - System generated from accumulated work hours field.
EMT - System generated.
TYPE EQUIP - Enter the general TEC for the engine or module, for example, JHDX.
BU/SER NUMBER - Enter the SERNO of the engine or SERNO of the uninstalled module.
W/D - Must be O, system generated. ([Appendix E](#))
T/M - Must be B, system generated. ([Appendix E](#))
REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

REMOVED/OLD ITEM - Enter the FSCM, serial number, part number, Julian date removed, and appropriate time/cycle data for the removed item.

INSTALLED/NEW ITEM - Enter the FSCM, serial number, part number, Julian date removed, and appropriate time/cycle data for the installed item.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates and times.

DISCREPANCY - Enter the narrative description of the discrepancy.

CORRECTIVE ACTION - Enter the narrative description of the corrective action taken.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

JOB CONTROL NUMBER - JCN system generated from module inspection control MAF.

PRI - Production control or authorized personnel will fill in this data field to approve the initiated MAF.

SYSTEM/REASON - Enter a brief (snap shot) description of the reported discrepancy.

16.2.5.133 Removal and Replacement of Cartridges (CARTs), Cartridge Activated Devices (CADs), and Propellant Actuated Devices(PADs) (I-Level Maintenance)

Figure 16-152 is an example of a MAF documented for the removal and replacement of aircraft installed explosive devices. The following explains documentation:

ENTRIES REQUIRED SIGNATURE - Check the appropriate field, signature is electronically posted.

ACCUMULATED WORK HOURS - Enter the appropriate data.

FAILED/REQUIRED MATERIAL - Record supply requisitions.

WORK UNIT CODE - Enter the specific WUC of the item being processed.

ACT ORG - I-level organization code.; system generated.

TRANS - Must be 18. ([Appendix E](#))

M/L - Must be 2.

A/T - Enter the appropriate AT code. ([Appendix E](#))

MAL CODE - Enter the appropriate MAL code. ([Appendix E](#))

I/P - Enter the total number of items processed.

HOURS - System generated from accumulated work hours field.

EMT - System generated.

TYPE EQUIP - Enter the TEC for the item being processed; first position must be D, G, H, M, S, V, or Y.

BU/SER NUMBER - Enter the appropriate bureau/serial number, must be on database.

W/D - Enter the appropriate WD code. ([Appendix E](#))

T/M - Enter the appropriate TM code. ([Appendix E](#))

POSIT - Enter the appropriate PSI (if applicable).

REPAIR CYCLE - Received date/time; system generated. In-work/completed date/time; enter the appropriate Julian date and time.

MAINTENANCE/SUPPLY REC - Enter the appropriate job status, Julian dates/times.

REMOVED/OLD ITEM - Enter the appropriate data for the removed/old item. The part number block (E23) shall reflect the lot number of the device removed. The time/cycle block (E42) shall have an entry using time/cycle prefix code H and the container open date (MMYY) for CARTs or CADs and the manufacture date (MMYY) for PADs.

INSTALLED/NEW ITEM - Enter the appropriate data for the installed/new item. The part number block (G23) shall reflect the lot number of the device installed. The time/cycle block (G38) shall have an entry using time/cycle prefix code H and the container open date (MMYY) for CARTs or CADs and the manufacture date (MMYY) for PADs.

JOB CONTROL NUMBER - System generated upon Production Control approval.

WORK CENTER - Enter the appropriate work center code. ([Appendix E](#))

DISCREPANCY - Enter the narrative description of the discrepancy.

CORRECTIVE ACTION - Enter the narrative description of the corrective action.

CORRECTED BY/INSPECTED BY/SUPERVISOR - Signatures are electronically posted to the MAF, based on the individual SMQ/PASSWORD.

MAINT CONTROL - Signature is electronically posted to the MAF, based on the individual's SMQ.

16.2.5.134 Fleet Readiness Centers (FRC) NALCOMIS Optimized Intermediate Activity (OIMA) Documentation Procedures and Processes

This paragraph provides procedures and processes for the documentation of maintenance actions and associated Supply data in the FRC, using NALCOMIS. The FRC sites are responsible for training the D-level Artisan on OIMA NALCOMIS procedures and ensuring the documentation is accomplished correctly.

NOTE: The FRC NALCOMIS Documentation Handbook provides additional information, with illustrations.

16.2.5.134.1 I-Level Induction, D-Level RFI

A component is received from supply and is inducted by JASU through the automated or manual induction process into an I-level work center, such as in work and order parts. If the determination is made that the repair action is beyond their repair capability, the following will occur:

The I-level work center performs a closeout MAF to document man hours invested in the attempt to repair.

Production Control changes the work center code to the appropriate D-level work center code that will perform the repair.

The D-level work center goes in work, orders parts, repairs the component, and signs off the MAF as RFI.

NOTE: All parts required by an artisan to accomplish the repair must be ordered with a D-level work center and identified as a failed part (indexed) on the MAF.

16.2.5.134.2 I-Level Induction, D-Level RFI Documentation Procedures

The following explains documentation:

The I-level work center will change the current status of the MAF to M1 (AWM Depot).

The work center will update work hours and tools and complete Transaction Code, Action Taken Code, Malfunction Code, and Items Processed prior to validating the MAF. The work center shall use the "Notes" tab to provide additional information to the D-level work center.

The work center will select the Validate button and correct any errors (if applicable).

The work center will create a closeout MAF to account for the I-level technician's time attempting the repair and troubleshooting the component by checking the "Trbl shoot" button in the MAF Sign Off Tab and follow the prompts.

A closeout MAF is automatically initiated using the same JCN, but with a new MCN. The closeout MAF is automatically filled out with all pertinent information and can be located under the "Awaiting Supervisor" mailbox or in the originating work center's workload queue.

Select the closeout MAF. All required data under Basic MAF will be completed automatically.

NOTE: Do not attempt to make changes to a closeout MAF. If changes are attempted, Discrepancy MAF validations re invoked, resulting in numerous problems and errors.

A Supervisor Sign-off is all that is required on a closeout MAF.

The original MAF EMT and man-hours are closed out. The MAF is still in an M1 status and still has the I-level work center code on it.

Production Control needs to change the work center block to the appropriate D-level work center, change the Awaiting Maintenance Code, and delete all CO accumulated work hours under the JS Hours tab (if required).

The D-level work center can go in work, order parts, update accumulated work hours, shift, and tool box information.

NOTE: All parts required by an artisan to accomplish the repair must be ordered within a D-level work center and identified as a failed part (indexed) on the MAF.

After the D-level work center completes repair, the artisan updates the job status to M1. This allows the artisan to update/change the MAF prior to moving to a JC status. If the artisan is a CSS, the ETS block must be checked prior to MAF Validation.

On the Sign-off tab, validate the MAF. Errors will be displayed in the Error Message List sub-screen. All errors must be corrected prior to the MAF being moved to a JC status.

Once all errors are corrected, validate MAF again, change the MI status to JC and perform sign-offs in the Corrected by, Inspected by and Supervisor blocks.

NOTE: Specific OIMA NALCOMIS workarounds are required to allow artisans to inspect their own work. Separate logons are required to complete the “corrected by” block and the “inspected by” block. (Refer to the FRC NALCOMIS Handbook for details.)

Production Control scan locate the sign-off in the PC Review Mailbox and clear it.

16.2.5.134.3 I-Level, D-Level Repair, and I-Level RFI

A component is received from JASU and inducted into an I-level work center. The I-level work center determines that depot repair is required; however, the final RFI function belongs to the I-level work center. The following will occur:

The I-level work center performs all initial work required and performs a closeout MAF to document man-hours invested in the initial maintenance.

Production Control changes the work center code to the D-level work center that will perform the next step of repair, changing the Awaiting Maintenance Code, and deleting all CO accumulated work hours under the JS Hours tab (if required).

The D-level work center goes in work, orders parts, and completes their portion of the repair.

The D-level work center then performs a closeout MAF to document man hours invested in their portion of the repair.

Production Control changes the work center code to the I-level work center that will perform the final steps of repair, changing the Awaiting Maintenance Code, and deleting all CO accumulated work hours under the JS Hours tab (if required).

16.2.5.134.4 I-level, D-level Repair, I-level RFI Documentation Procedures

The following explains documentation:

A component is received from Supply and is inducted by JASU through the automated or manual induction process into an I-level work center.

The I-level work center can go in work, order parts, etc.

The I-level work center determines that required repair is beyond I-level capability and will change the status of the MAF to M1 (AWM Depot).

The I-level work center will notify Production Control of the need for the D-level work center repair.

The I-level work center must validate the repair MAF to ensure that it is as correct as possible before initiating a closeout MAF. All tools must be accounted for on the MAF and all work hours must be correct. The work center shall use the "Notes" tab to provide additional information to the D-level work center.

The I-level work center will generate a closeout MAF by selecting the "Trbl Shoot" button and following the prompts. The closeout MAF is automatically generated, filled out, and the man hours are moved. The original MAF's man-hours and EMT are zero.

NOTE: Do not attempt to make changes to a closeout MAF. If changes are attempted, Discrepancy MAF validations are invoked, resulting in numerous problems and errors.

The Supervisor sign-off is all that is required on the closeout MAF.

Production Control needs to change the work center block to the appropriate D-level work center and delete all CO accumulated work hours under the JS Hours tab (if required).

The D-level work center Artisan can now go in work, order repairable and consumable parts and complete the repair action.

NOTE: All parts required by an artisan to accomplish the repair must be ordered with a D-level work center and identified as a failed part (indexed) on the MAF.

Once the repair is complete, the D-level work center will update the MAF to M6 Status.

The D-level work center will notify Production Control that the repair is complete and the need for further I-level work center maintenance.

The D-level work center will validate the MAF to ensure the MAF is correct and all tools have been accounted for.

The D-level work center may use the "Notes" tab to provide additional information that assists the I-level technicians in the final RFI of the component.

If the artisan is a CSS, the ETS block must be verified to be checked prior to closing out the MAF. The D-level work center will generate a closeout MAF by selecting the "Trbl Shoot" button and following the prompts. The closeout MAF is automatically generated, filled out, and the man hours are moved. The original MAF's man-hours and EMT are now zero.

The Supervisor sign-off is all that is required on the closeout MAF.

Production Control will change the work center code on the MAF to the I-level work center and delete all CO accumulated work hours under the JS Hours tab (if required).

The I-level work center completes the maintenance/RFI run and signs-off MAF.

NOTE: If parts were ordered by an artisan to accomplish the repair, the I-level work center must use Transaction Code 32 when completing MAF. Failure to use Transaction Code 32 will result in loss of visibility of artisan material requirements in the up-line data.

16.2.5.134.5 D-Level SRA Induction and RFI

This scenario is basically the same as an internal SRA repair performed currently, but the ICRL will need to be updated to reflect the D-level work center's capability to repair the SRA.

16.2.5.134.6 D-level SRA Induction and RFI Documentation Procedures

The following explains documentation:

The turn-in MAF is generated from the I-level or D-level work center's DDSN.

The MAF and retrograde SRA will be inducted to the D-level work center through JASU and Production Control.

The D-level work center can go in work, order parts, document man-hours, RFI the part, and ensure MAF is validated prior to sign-off attempt. If the artisan is a CSS, the ETS block must be checked.

NOTES: 1. All parts required by an artisan to accomplish the repair must be ordered with a D-level work center and identified as a failed part (indexed) on the MAF.

2. The FRC NALCOMIS Handbook shows examples of processing if SRA was repaired, returned to supply and issued back to a D-level work center for WRA repair. The D-level work center will use the same process as internal FRC/MALS ("back shop") support currently being used.

16.2.5.134.7 New Capability

This scenario uses the same processes that are currently used when adding new capability to an I-level work center. The following will occur:

The ICRL will be updated with the CAGE/PARTNO and D-level work center code.

If multiple work centers repair the same part, such as I-level and D-level work centers, the "Prime W/C" block will be used.

Once inducted, the D-level work center will go in work, order parts (as required) and RFI the component.

NOTE: All parts required by an artisan to accomplish the repair must be ordered with a D-level work center and identified as a failed part (indexed) on the MAF.

16.2.5.134.8 New Capability Documentation Procedures

The following explains documentation:

JASU performs ICRL screening and adds the new component to the D-level work center's ICRL.

If capability does not exist in ICRL, enter appropriate D-level work center and put a check in the "ICRL Ovr" box.

The above action will generate an ICRL error notice. Double click on the Cage/Part Number line to open next screen.

Click the "Add" button.

The "Prime WC" box allows multiple work centers to show repair capability for the same component. If the work center listed in the work center box is the primary repair work center, put a check in the "Prime WC" box. If not, leave blank.

The MAF is assigned to the D-level work center by Production Control. The D-level work center goes in work, orders parts (as required), and RFIs the component. If the artisan is a CSS, the ETS block must be checked.

- NOTES:**
- 1. All parts required by an artisan to accomplish the repair must be ordered with a D-level work center and identified as a failed part (indexed) on the MAF.**
 - 2. Maintenance level on the MAF in OIMA NALCOMIS can not be changed without using the contingency methods.**
 - 3. The ICRL in OIMA NALCOMIS supports the identification of multiple like items in ICRL with different work centers and capabilities. The ICRL accepts multiple listings of the same CAGE and PARTNO combination by using the "Prime W/C" block. Either I-level or D-level will be the primary with a "Y" in this block. The other work center will have an "N" in this block.**
 - 4. The ETS block is a "check" box only. A check in this block signifies that the hours on the MAF are from a CSS.**
 - 5. Minimal training should be required for I-level technicians. D-level artisans will require OIMA NALCOMIS training and access.**

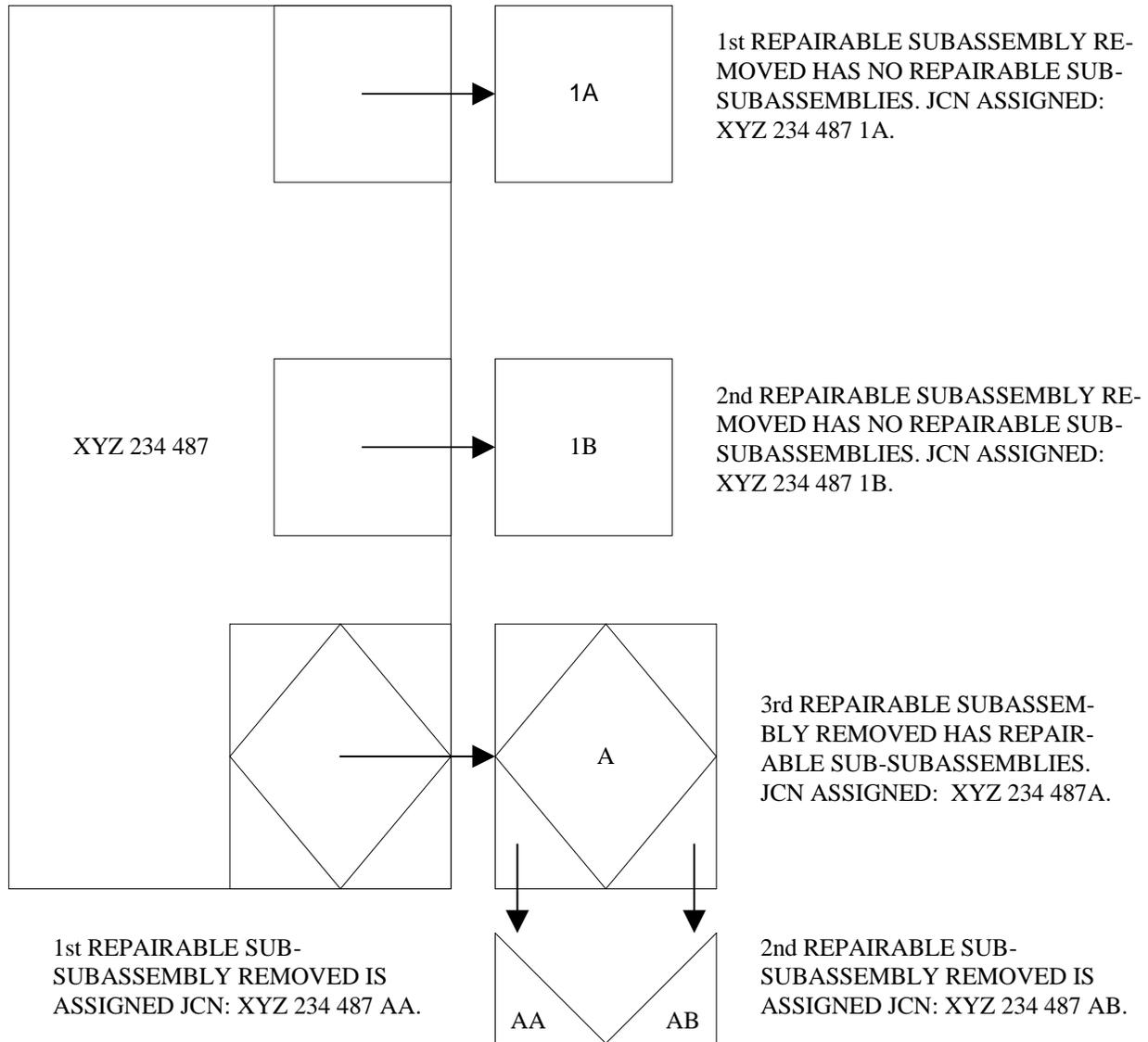
16.2.5.134.9 D-Level Assist

A component is inducted by JASU into an I-level or D-level work center. During the repair, assistance is required. Regardless of the maintenance level required for the assist, an assist MAF will be initiated using existing OIMA NALCOMIS assist MAF procedures. This applies when repairable parts are not required. Examples include, but are not limited to: NDI, 2M repairs, welding, etc.

NOTE: By definition, a 2M artisan is unable to determine if an item is RFI until the item is tested using an approved procedure defined in NAVAIR approved publications, therefore, 2M Artisan procedures are the same as I-level 2M procedures. Specifically, the original work center will order required parts and forward, with SRA (CCA, etc) and an assist MAF to the D-level 2M artisan. Once the required repair is complete, the SRA (CCA) will be forwarded back to the original work center to verify RFI status.

EXAMPLE OF JCN SUFFIX SELECTION

REPAIRABLE COMPONENT REMOVED AND REPAIRED ON JCN XYZ 234 487.



THE NEXT REPAIRABLE SUBASSEMBLY REMOVED HAVING NO REPAIRABLE SUBSUSASSEMBLIES WOULD BE ASSIGNED JCN XYZ 234 487 1C.

THE NEXT REPAIRABLE SUBASSEMBLY REMOVED HAVING REPAIRABLE SUBSUSASSEMBLIES WOULD BE ASSIGNED JCN XYZ 234 487 B.

Figure 16-2: Example of JCN Suffix Selection

**COMNAVIAIRFORINST 4790.2B CH-1
15 Jun 2013**

N2S21601 N211

WORKLOAD INQ

18 FEB 97 (97049)

ENTER DATA FOR ONE OPTION

1. WORK CENTER
2. WORK CENTER
WUC

WC	WUC	MCN	JCN	WORK PRI	POOL TYPE	MGMT CD	OWED ORG	SYSTEM REASON	EQUIP STATJS	DATE	TIME
41M	0300900	A9BSJGP	BF0309A00	3				900 HR INSP		M8	96323 2030
41M	0300900	0240228	AL1287A00	3				900 HR 281636		M8	96323 2030
41M	0300900	0240227	B10301B00	3				900 HR 282083		M8	96323 2030
41M	0300900	A9BRLCB	BF0252A00	3				900 HR INSP		M8	96323 1330
41M	0300900	A9BREZN	B10235A00	3				900 HR		M8	96314 1713
41M	0300900	A9BSJGE	B10308A00	3				900 HR INSP		M8	96320 1430
TOTAL OUTSTANDING MAFS BY PRIORITY FOR WC											
1. 00000							3. 00006				
2. 00000							4. 00000				

Figure 16-3: Workload Inquiry

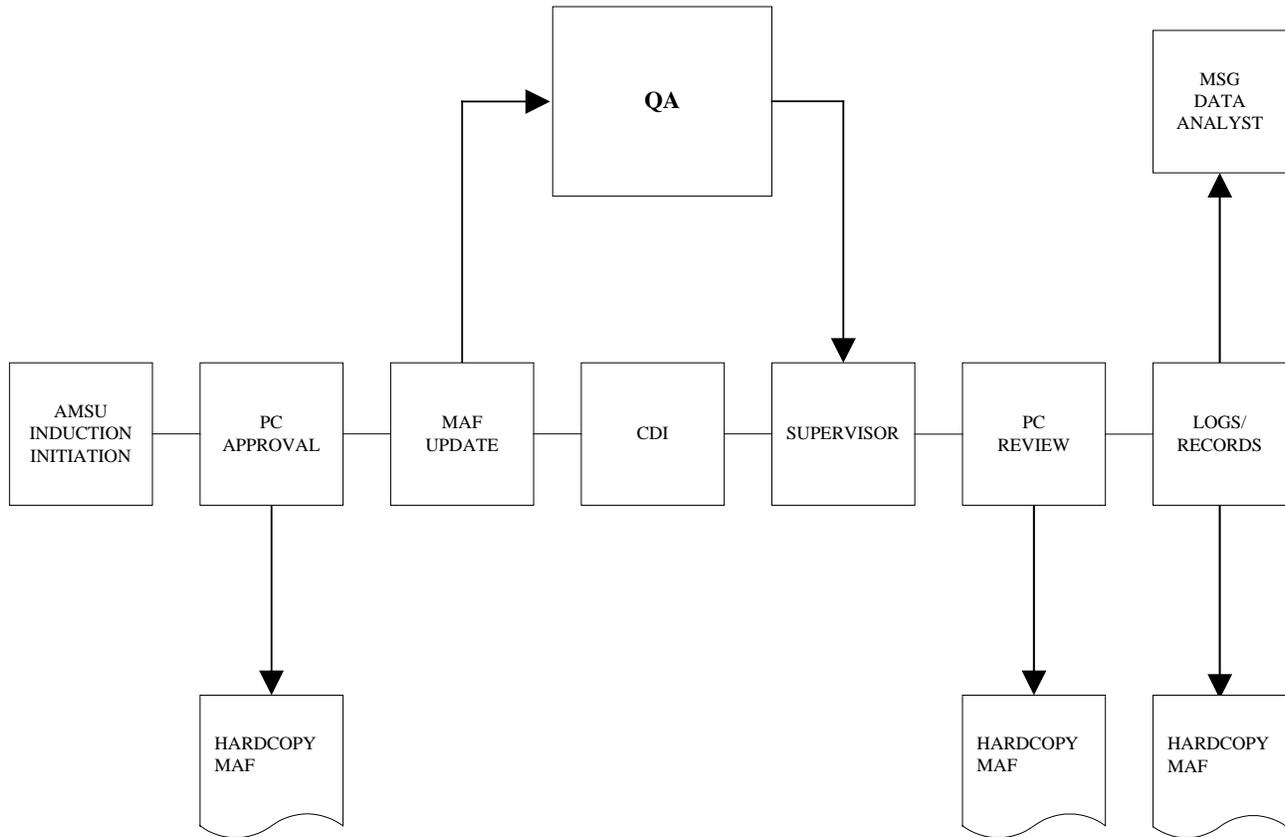


Figure 16-4: Off-Equipment Documentation Flow

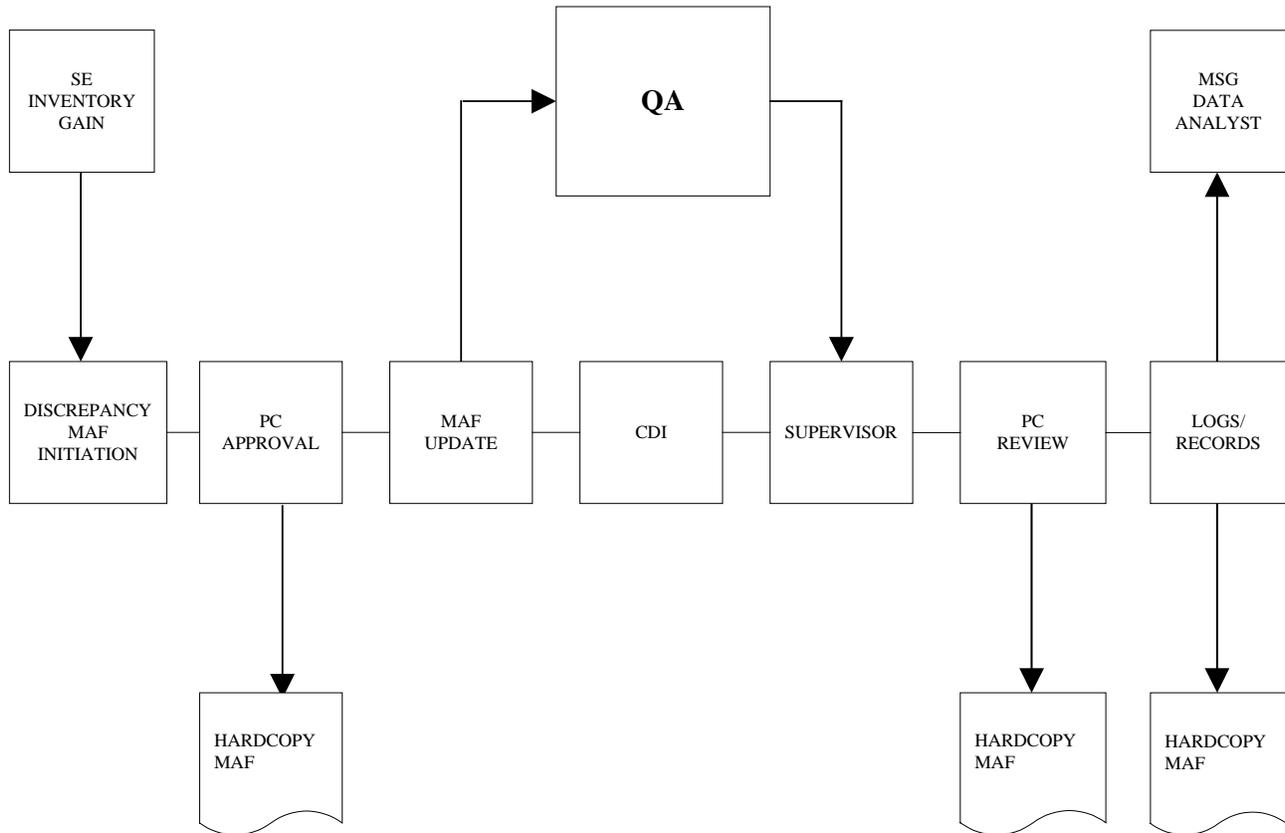


Figure 16-5: On-Equipment Work Initiated by I-level Documentation Flow

<p>WARNING: Unauthorized persons removing, defacing, or destroying this tag may be subject to a fine of not more than \$1,000 or imprisonment for not more than one year or both. (18USC 1361)</p>	FSN, PART NO. AND ITEM DESCRIPTION		UNSERVICEABLE (REPARABLE) TAG-MATERIEL		
	7RH 1560-00-123-4567PF 215-04123-1 VALVE		INSPECTION ACTIVITY A9B	CONDITION CODE F	
			REASON FOR REPARABLE CONDITION BCM-1		
	SERIAL NUMBER/LOT NUMBER 0123	UNIT OF ISSUE EA	REMOVED FROM		
	CONTRACT OR PURCHASE ORDER NO.	QUANTITY 1	INSPECTOR'S NAME OR STAMP AND DATE SSGT GOTT 96285		
	REMARKS AAFF PD4-123-456				

DD Form 1577-2 (10/66) S/N 0102-LF-016-0000

Figure 16-6: Unserviceable Label-Materiel (DD Form 1577-2)

ISSUE/RECEIPT INVENTORY AND LOCATOR									
1	2	1	2	1	2	1	2	1	2
I N V E N T O R Y C A R D	L O C A T O R T A B L E								

NOTE: This board will be used for issue/receipt inventory and locator only.

Figure 16-7: IRIL Board

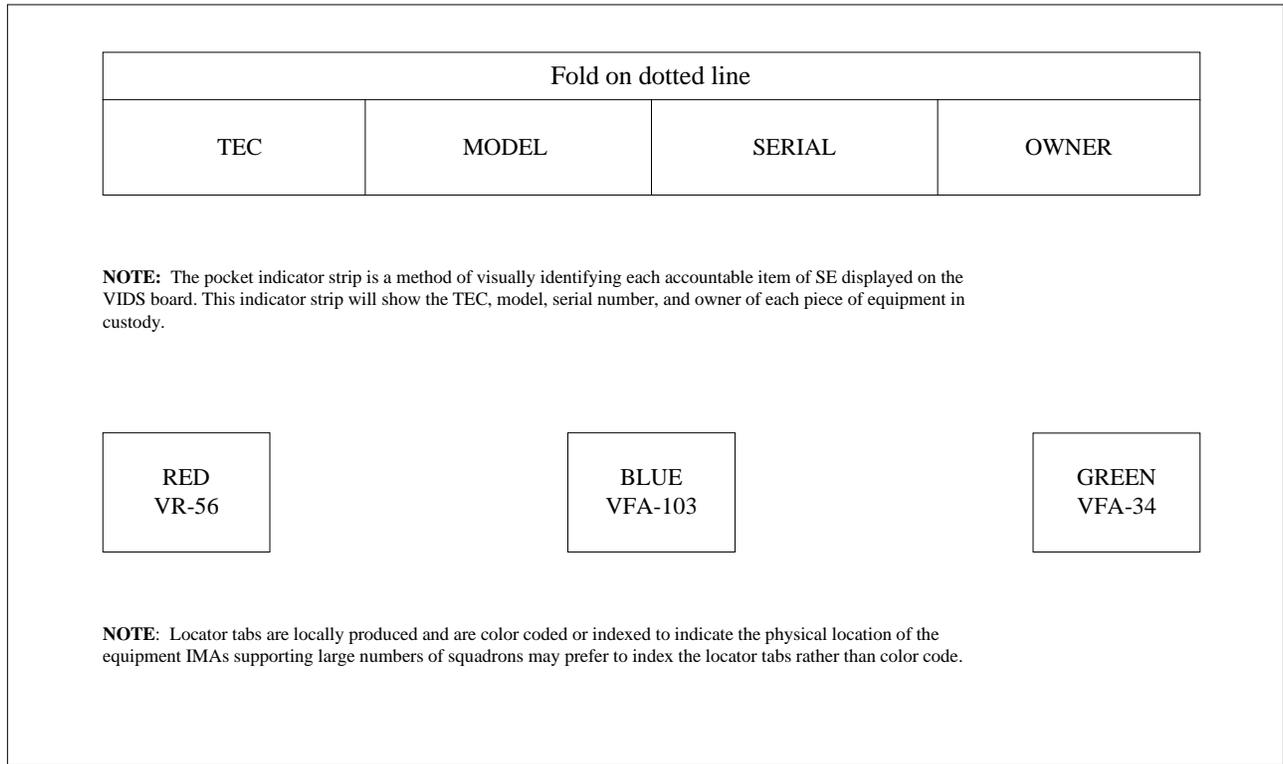


Figure 16-8: Pocket Indicator Strips and Locator Tabs

**COMNAVIAIRFORINST 4790.2B CH-1
15 Jun 2013**

SE Transfer Report Part 1 SERNO 5MH259															
TEC = "GPC7" AND BUNO/SERNO = "5MH259" AND COMPLETION DATE BETWEEN "09/01/1997" AND "08/31/1997"															
MCN	JCN	W/C	SYSTEM REASON	WUC	TRANS CD	MI	WD	TM	AT	MAL	IP	MAN HRS	EMT HRS	SE METER	COMP DATE
C9CAAR8	C9C094011	980	T/T	23BX400	11	1	C	B	C	320	1	0.7	0.7	A0000	97094
C9CAFM9	C9C100A00	950	TT259 14 DAY	030000A	11	1	O	P	0	000	1	2.0	1.0	M0000	97101
C9CATY1	C9C114A00	950	TT259 PM	030000A	11	1	O	P	0	000	1	8.0	4.0	M0000	97115

SE Transfer Report Part 2 SERNO 5MH259						
TEC = "GPC7" AND BUNO/SERNO = "5MH259" AND COMPLETION DATE BETWEEN "09/01/1997" AND "08/31/1997"						
MCN	WORKER SIGN	QA/CDI SIGN	SUPER SIGN	DISCREPANCY	CORR ACTION	
C9CAAR8	CTFOX	REBROWN	DJRABCHENUK	UNIT HAS NO BRAKES	BLED AIR FROM COMPRESSOR	
C9CAFM9	B EVANS	LGGGRANADOS	LGGGRANADOS	C/W 14 DAY STEERING GEARBOX	C/W 14 DAY TORQUE STEERING GE	
C9CATY1	B EVANS	LGGGRANADOS	LGGGRANADOS	C/W 14 DAY STEERING GEARBOX	C/W 14 DAY STEERING GEARBOX T	

SE Transfer Report Part 3 SERNO 5MH259												
TEC = "GPC7" AND BUNO/SERNO = "5MH259" AND TRANS CD = "23" AND COMPLETION DATE BETWEEN "09/01/1997" AND "08/31/1997"												
MCN	JCN	W/C	SYSTEM REASON	AT	MAL	REMOV CAGE	REMOV P/N	REMOV SERNO	INSTALL CAGE	INSTALL P/N	INSTALL SERNO	
C9CBQX8	C9C137004	980	FLAT TIRE	R	787	96906	GPC7/750X1	0	96906	GPC7/750X1	0	
C9CCAZ8	C9C147003	910	TIRE WORN	R	787	29510	HA1321	0	29510	HA1321	0	
C9CCVY1	C9C165018	980	R/F TIRE	R	787	29510	HA1321	0	29510	HA1321	0	

SE Transfer Report Part 4 SERNO 5MH259													
TEC = "GPC7" AND BUNO/SERNO = "5MH259" AND (TRANS CD = "23" OR TRANS CODE = "12" AND COMPLETION DATE BETWEEN "09/01/1997" AND "08/31/1997"													
MCN	JCN	W/C	SYSTEM REASON	WUC	F/P IND	AT	MAL	CAGE	FAILED P/N	QTY	ORD DATE	DDSN	RCPT DATE
C9CBQX8	C9C137004	980	FLAT TIRE	23BX330				96906	GPC7/750X16-IN	1	97137		
C9CCAZ8	C9C147003	910	TIRE WORN	23BX900				29510	HA1321	1	97147		
C9CCVY1	C9C165018	980	R/F TIRE	23BX900				29510	HA1321	1	97165		

SE Transfer Report Part 5 SERNO 5MH259										
TEC = "GPC7" AND BUNO/SERNO = "5MH259" AND TRANS CD = "41" AND COMPLETION DATE BETWEEN "09/01/1997" AND "08/31/1997"										
MCN	JCN	W/C	TD INT	TD CODE	TD BASIC	TD REV	TD AM	TD PART	TD KIT	
C9CSS75	C9C311111	910		62	4124				A1	

Figure 16-9: SE Transfer Report (Sample)

(1) WC & EQUIP	(2) SE	(3) QTY	(4) LRCA LIMITS		(5) P R I	(6) AWM	(7) IN WORK	(8) AWP	(9) COMPLETED
			HI	LOW					
610									
6217100									
62172									
6528100									
620									
7343100									
7351100									
640									
76240									
76290									
76310									

Figure 16-10: VIDS Board Layout

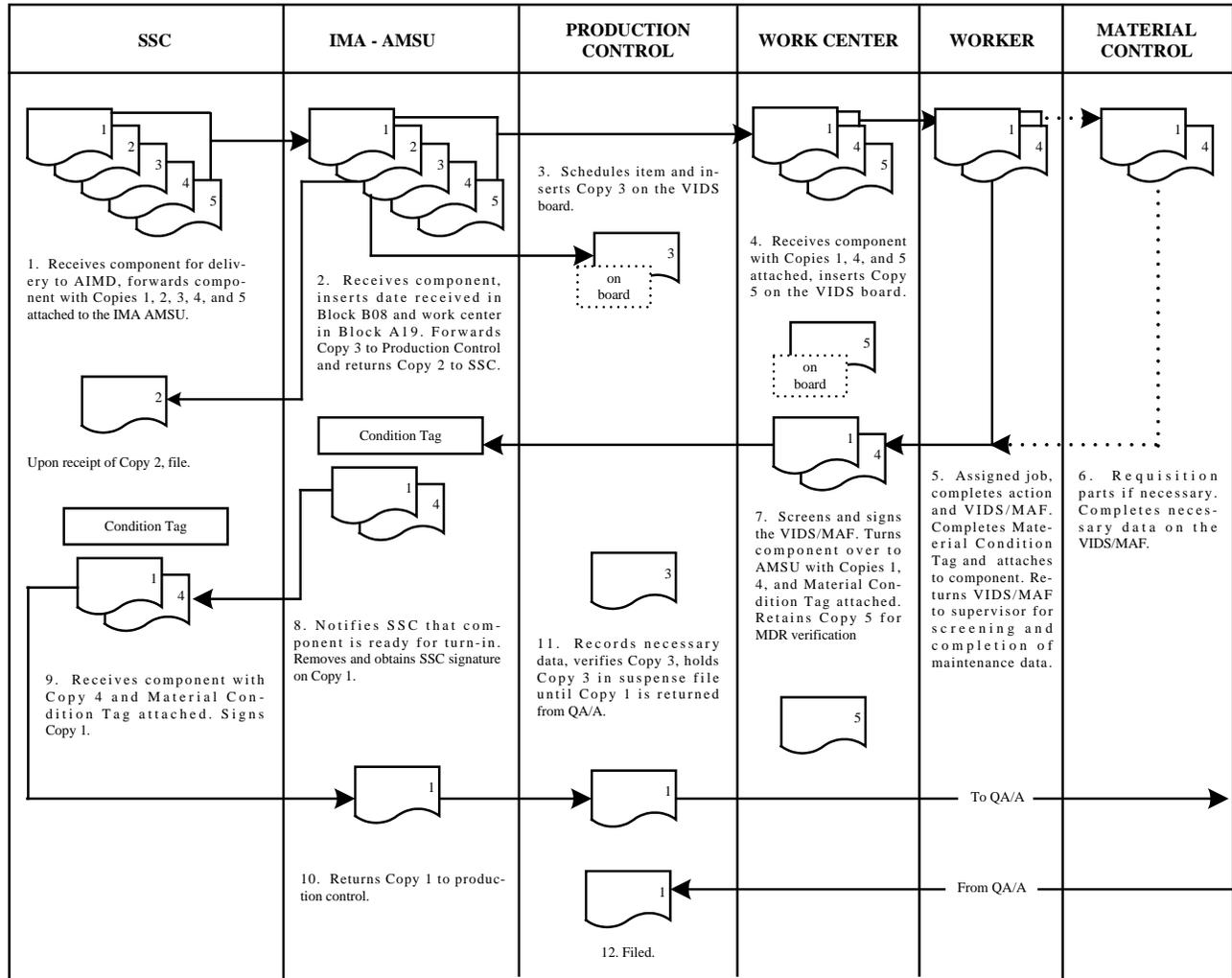
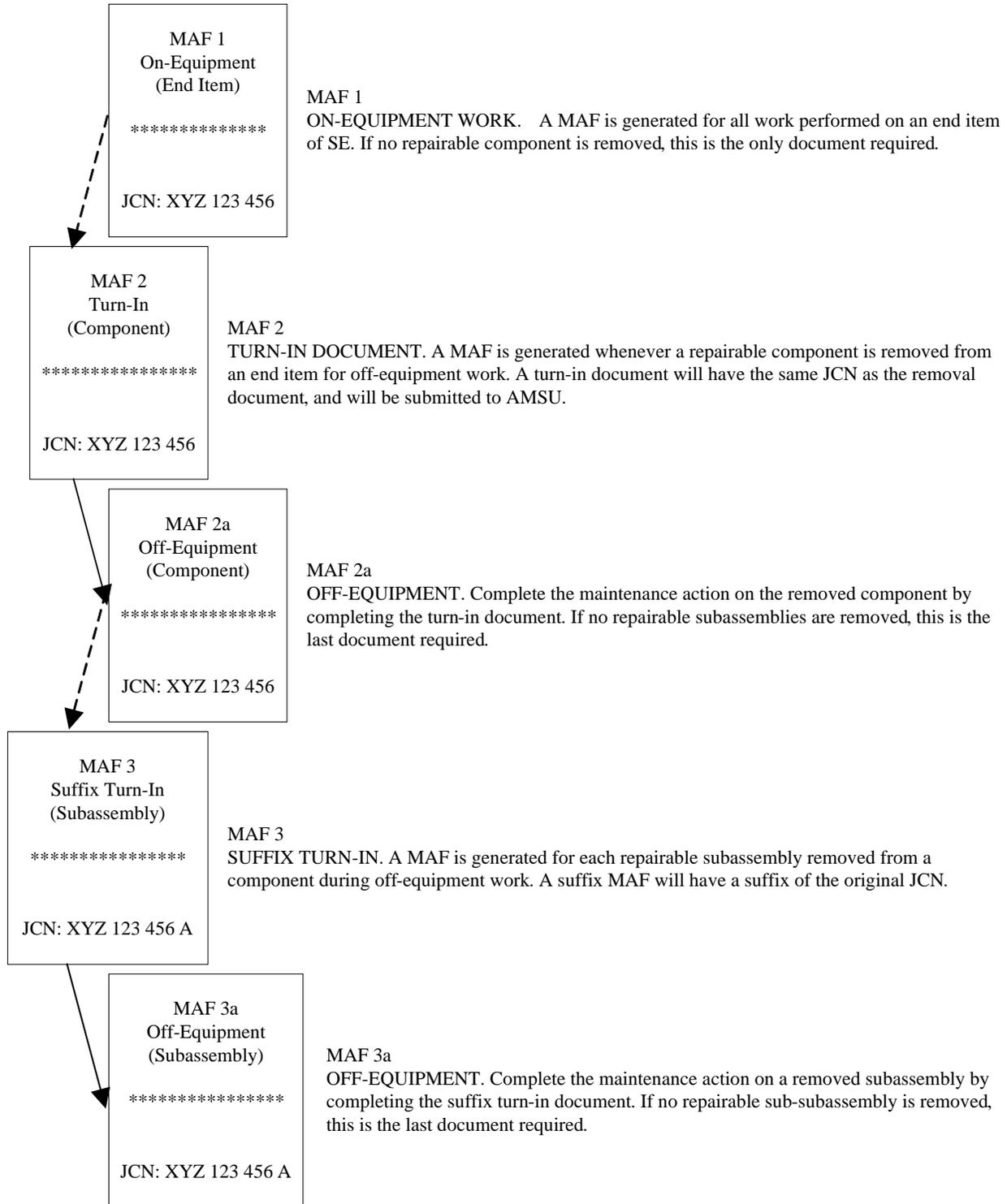


Figure 16-11: Off-Equipment VIDS/MAF Flow



NOTE: If a repairable sub-subassembly is removed from a subassembly, repeat the procedures shown in MAF 3 and MAF 3a.

Figure 16-12: Types of MAFs Used for SE, Training Devices, and Missile Target Documentation


```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS
NAME/SHIFT          TOOLBOX/INT  MAN  ACCUMULATED  AWM  HOURS
                   DATE      HOURS DATE  TIME  REASON  HOURS
TRACY                1  D9891A4  KLD  96332  0.9  96332  1045    3    2.8
=====
LOCAL USE
=====
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
H      FSCM  PDCA1  0  000  00000
      FSCM  PART NUMBER  48P206 E0360
      FSCM  PART NUMBER
      FSCM  PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
48KA1N0  D98  12    1    C    127  01    0.9   0.9
TYPE     BU/SER
EQUIP    NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
GBGB     CYP138  C    B
. . REPAIR CYCLE
      DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD     96332  1045  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96332  1330
COMP     96332  1425
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
M3
2.8
      TIME/CYCLES  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
M3     96332  1045
IW     96332  1330  DISCREPANCY  LOAD CONTROL VALVE STAYS  PILOT/INITIATOR
JC     96332  1425  OPEN  LT DEAN
      CORRECTIVE ACTION  ADJUSTED LOAD CONTROL VALVE AND
      THERMOSTAT
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHTRACY      IMWILSON      JBSMITH     IBMERCER      RFI  BCM
=====
JOB CONTROL NUMBER  WORK  INSPT
ORG  DAY  SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 9 8 3 3 2 4 9 6  91A  DOWN  1  HUFFER  SWP4826

```

Figure 16-14: End Item Repair of a SEGTE (No Removed Component)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS
NAME/SHIFT          TOOLBOX/INT  MAN  ACCUMULATED  AWM  HOURS
                    DATE      HOURS  DATE    TIME  REASON  HOURS
NERI                 1  D9865Q7  SWP  96129      1.0  96129  0700    3    1.0
HARRIS              1  D9865Q4  SWP  96129      1.5
.
.
.
LOCAL USE
.
.
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
.
.
.
FSCM  77327  PART NUMBER  247AS20-100-005
.
FSCM  PART NUMBER
.
FSCM  PART NUMBER
.
.
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
78HP800  D98  23    1    R    064  01    2.5   2.5  .
TYPE      BU/SER
EQUIP     NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
GVAB     000060  C    B          M1111
. . REPAIR CYCLE
. . . . .
RECD     96129  0700  . FSCM  SERIAL NUMBER  . INSTALLED/NEW ITEM
IN WORK  96129  0800  . 77327  005          . 77327  1002
COMP     96129  1200  .
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  . PART NUMBER
M3      1.0          . 247AS20-100-005  96129  . 247AS20-100-005
.
.
.
MAINTENANCE/SUPPLY REC  TIME/CYCLES  M7626  . TIME/CYCLES  M2772
STATUS DATE TIME EOC  TIME/CYCLES  W8000  . TIME/CYCLES  W8000
M3      96129  0700  . TIME/CYCLES  X0129  . TIME/CYCLES  X0111
IW      96129  0800  . DISCREPANCY  BB20 FAILS MODULATION TEST  PILOT/INITIATOR
WP      96129  0900  .
IW      96129  1030  .
JC      96129  1200  .
.
CORRECTIVE ACTION  R & R BB20. TESTS GOOD.
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHHARRIS     IBSMITH       IMLOGAN     ECMERCER       RFI  BCM
.
.
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF    CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 9 8 1 2 9 4 5 6  65Q    DOWN    1    1    BB20    SWP4826

```

Figure 16-15: End Item Repair (Removed Repairable Component)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
DUNN/WRIGHT	1 D9892A6	RIM 96198	6.0	96198	1110 8 25.2
DUNN/WRIGHT	1 D9892A2	RIM 96199	6.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

UNIT CD	ACT	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
12DCF	D98	11	1	S	800	01			12.0	6.0										
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD						
GECB	014009	O	B				M0123													

REPAIR CYCLE											
RECD	DATE	TIME	EOC	FSCM	REMOVED/OLD ITEM	SERIAL NUMBER	INSTALLED/NEW ITEM	FSCM	SERIAL NUMBER		
IN WORK	96198	0810									
COMP	96199	1520									
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED	PART NUMBER					
M8	25.2										
MAINTENANCE/SUPPLY REC				TIME/CYCLES	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES				
STATUS	DATE	TIME	EOC	TIME/CYCLES	DISCREPANCY	REMOVE REFRIGERATION DUCTING	PILOT/INITIATOR				
M3	96198	0810									
IW	96198	0810									
M8	96198	1110			FOR W/C 970. REINSTALL WHEN NOTIFIED.		AEC LEMPICKI				
IW	96199	1220									
JC	96199	1520									
				CORRECTIVE ACTION	R & R DUCTING						

CORRECTED BY												CF	QA		
INSPECTED BY				SUPERVISOR				MAINT CONTROL				REQ	REQ		
JHDUNN				MMLONG				RIMILLER				IBMERCER	RFI	BCM	
JOB CONTROL NUMBER				WORK	INSPT										
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON				MCN	
D	9	8	1	9	8	4	2	0		92A	DOWN	1		AIR COND	SWP4826

Figure 16-16: Facilitate Other Maintenance Action

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

```
=====
ACCUMULATED WORK HOURS
NAME/SHIFT          TOOLBOX/INT  MAN  ACCUMULATED AWM HOURS
HOURS  DATE      TIME REASON  HOURS
TRACY              1 D9892A2  SWJ  96198  0800    3    1.0
```

LOCAL USE

REFERENCE

```
=====
FAILED / REQUIRED MATERIAL
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
12DCH   D98   11     1    B    037   00    2.5   2.5  .
TYPE    BU/SER
EQUIP   NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
GECB    014009  V    B    .      .    .      M0123
```

```
REPAIR CYCLE
RECD    DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK 96198 0800  FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
COMP   96198 1130  .
AWAITING MAINTENANCE HRS PART NUMBER  DATE  REMOVED  PART NUMBER
M3
1.5
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES
M3      96198 0800  .
IW      96198 0900  DISCREPANCY  ASSIST W/C 970 (EVAP  PILOT/INITIATOR
JC      96198 1130  INTERMITTENT)  AT2 DEAN
CORRECTIVE ACTION  ASSISTED IN REPAIR OF LOOSE BRACKET
```

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHTRACY      IMWILSON     JBSMITH     IBMERCER      RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG  DAY  SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 9 8 1 9 8 4 1 9  92A  DOWN  1  AIR COND  SWP4826
```

Figure 16-18: Assisting Work Centers (Same WUC)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
TRACY                1  D989304  KLD  96198  2.0
.
.
.
.
LOCAL USE
.
.
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
12DCD   D98   11    1    Z    170  01    2.0   2.0  .
TYPE    BU/SER
EQUIP   NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
GECB    014009  V    B    .      .    .      M0123
. . REPAIR CYCLE
. . . . .
RECD    96198  0830  .    FSCM  SERIAL NUMBER  .    FSCM  SERIAL NUMBER
IN WORK 96198  0830  .
COMP    96198  1030  .
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
M3
1.5
.
.
.
.
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES
M3      96198  0830
IW      96198  0830  DISCREPANCY  ASSIST W/C 970 (EVAP  PILOT/INITIATOR
JC      96198  1030  INTERMITTENT)  AT2 DEAN
.
.
.
CORRECTIVE ACTION  REMOVED CORROSION FROM POWER TAKE
OFF CONNECTOR TERMINAL.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHTRACY      IMWILSON      JBSMITH     IBMERCER      RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 9 8 1 9 8 4 1 9  930  DOWN  1  1  AIR COND  SWP4826

```

Figure 16-19: Assisting Work Centers (Different WUC)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X JHASHBY

ACCUMULATED WORK HOURS		MAN	ACCUMULATED AWM HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS DATE TIME REASON HOURS
HOYA	1 D989304	R/S 96198	1.0
HOYA	1 D989304	R/S 96199	1.0

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
							00001	BK0	02	96198	6198D114	96199
	FSCM	94990		PART NUMBER		8RV3006						
	FSCM			PART NUMBER								
	FSCM			PART NUMBER								

WORK ACT	MAL		TECHNICAL DIRECTIVE ID															
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT		
44FM820	D98	18	1	T	814	01	2.0	2.0										
TYPE	BU/SER																	
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD				
GAC6	263755	O	B				M3144											
REPAIR CYCLE																		
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM				INSTALLED/NEW ITEM										
IN WORK	96198	0800		FSCM	SERIAL NUMBER			FSCM	SERIAL NUMBER									
COMP	96199	1000		94990	12949			94990	12887									
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED			PART NUMBER										
				8RV3006	96198			8RV3006										
				TIME/CYCLES			A0000			TIME/CYCLES			A0000					
MAINTENANCE/SUPPLY REC				TIME/CYCLES			TIME/CYCLES			TIME/CYCLES								
STATUS				DATE	TIME	EOC	TIME/CYCLES											
M3	96198	0800																
IW	96198	0800	DISCREPANCY REMOVE VOLTAGE REGULATOR										PILOT/INITIATOR					
WP	96198	0900	FOR #263730										AS1 SMITH					
IW	96199	0900																
IW	96199	1000	CORRECTIVE ACTION REMOVED AND REPLACED REGULATOR															

CORRECTED BY													CF	QA	
INSPECTED BY				SUPERVISOR				MAINT CONTROL					REQ	REQ	
JHHOYA				IBSMITH				RISILVER					ECMERCER	RFI	BCM
JOB CONTROL NUMBER				WORK CENTER		INSPT		SYSTEM/REASON					MCN		
ORG DAY SER SUF				30		JCN		VOLT REG					SWP4826		
D 9 8 1 9 8 0 1 2				930		DOWN		1							

Figure 16-20: On-Equipment Cannibalization

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P  AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
48KA100
TYPE      BU/SER
EQUIP     NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
PDCA      7P2932   F   B

```

REPAIR CYCLE

```

RECD 96247 0745  FSCM  SERIAL NUMBER  INSTALLED/NEW ITEM  FSCM  SERIAL NUMBER
IN WORK  PDCA1  7P2932
COMP
AWAITING MAINTENANCE HRS PART NUMBER  DATE  REMOVED  PART NUMBER
96247

```

```

MAINTENANCE/SUPPLY REC  TIME/CYCLES  E7981  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
A1 96247 0745

```

DISCREPANCY TEETH BROKEN OFF STARTER PILOT/INITIATOR
GEAR SHAFT. //NOTE: INSP JCN AUTO ASSIGNED///
CORRECTIVE ACTION

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI BCM
=====
```

```

JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 9 8 2 4 7 9 1 1  B00  6247D123  STARTER  SWP4826

```

Figure 16-24: Turn-In Document SEGTE Repair

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE
			TIME	REASON
			HOURS	HOURS

LOCAL USE

REFERENCE

=====

FAILED / REQUIRED MATERIAL													
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL			TECHNICAL DIRECTIVE ID												
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
78HPY27																
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
GVAB	000060	W	B													

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM		INSTALLED/NEW ITEM									
IN WORK				FSCM	SERIAL NUMBER	FSCM	SERIAL NUMBER								
COMP				.77327	0031										
AWAITING MAINTENANCE HRS	PART NUMBER			REMOVED		PART NUMBER									
				.247AS20-244-001	96129										
MAINTENANCE/SUPPLY REC	TIME/CYCLES		M3500		TIME/CYCLES										
STATUS	DATE	TIME	EOC	TIME/CYCLES			TIME/CYCLES								
A1	96129	1215													
				DISCREPANCY BB20 20A1A40 CAUSES				PILOT/INITIATOR							
				MODULATION TEST TO FAIL				AS2 SMITH							
				CORRECTIVE ACTION											

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
				REQ	REQ

=====

JOB CONTROL NUMBER	WORK	INSPT	SYSTEM/REASON			MCN		
ORG DAY SER SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	BB20 FAILURE	SWP4826
D98129456A					6129D511			

Figure 16-26: Suffix Turn-In Document

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

X JBASHBY

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS  DATE  TIME  REASON  HOURS
RICH                1  D986902  SWP  96130  2.0  96130  1100    3      1.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
H      X      R  064  A40Z1  00001  BK1  03  96130  6130D661  96130
=====
```

```
FSCM  77327  PART NUMBER  247AS20-400-002
FSCM  PART NUMBER
FSCM  PART NUMBER
```

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
78HPY27  D98  32    2    C    064  01    2.0   2.0
TYPE     BU/SER
EQUIP    NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
GVAB     000060  W    B
```

```
REPAIR CYCLE
DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD  96129  1215  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96129  1215  77327  0031
COMP  96130  1400
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
M3  1.0  247AS20-244-001  96129
TIME/CYCLES  M3500  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
A1  96129  1215
M3  96129  1100  DISCREPANCY  BB20 20A1A40 CAUSES  PILOT/INITIATOR
IW  96129  1200  MODULATION TEST TO FAIL  AE2 SMITH
JC  96129  1400
CORRECTIVE ACTION  R & R A40Z1. CHECKS GOOD.
```

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
TTRICH        IBSMITH        IMLOGAN      ECMERCER        X  REQ  REQ
RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D98129456A  690  3  6129G511  BB20  SWP4826
=====
```

Figure 16-27: Off-Equipment Subassembly Repair

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X TNBOLYARD

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
REED/TAYLOR          1  D989103  KLD  96198  4.0
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
          FSCM  92679  PART NUMBER  113120  00001  BK0  03  96198  6198D113  96198
          FSCM          PART NUMBER
          FSCM          PART NUMBER
```

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE BASIC  NO  RV  AM  PART  KIT
48HX8L0  D98  23  1  R  135  01  4.0  2.0
TYPE  BU/SER
EQUIP  NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
GPDB  003145  M  P          M4826
. . REPAIR CYCLE
RECD  96198  1100  FSCM  SERIAL NUMBER  INSTALLED/NEW ITEM  FSCM  SERIAL NUMBER
IN WORK  96198  1100  92679  106279  92679  106111
COMP  96198  1300
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
.1113120  96198  1113120
. TIME/CYCLES  A0000  TIME/CYCLES  A0000
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
M3  96198  1100
IW  96198  1100  DISCREPANCY  STARTER NOISY AND DRAGGING  PILOT/INITIATOR
JC  96198  1300  AS1 SMITH
CORRECTIVE ACTION  R & R STARTER.
```

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHREED  IBSMITH  RESILVER  ECMERCER  RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 9 8 1 9 8 A 0 2  910  DOWN  1  STARTER  SWP4826
```

Figure 16-30: Inspection Fix Phase Document

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X TNBOLYARD

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
JONES/SELBY	1 D989204 RIM	96198	3.0	96198	1000 8 25.5
JONES/SELBY	1 D989204 RIM	96199	3.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK UNIT	ACT CD	ORG	TRANS	M/L	A/T	MAL CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT CODE	BASIC NO	RV AM	PART KIT
15EE6	D98	11	1	S	804	01		6.0	3.0					
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV CD	PERM CD		
GJDB	300901	O	B				M1234							

REPAIR CYCLE												
RECD	DATE	TIME	EOC	FSCM	REMOVED/OLD ITEM	SERIAL NUMBER	INSTALLED/NEW ITEM	FSCM	SERIAL NUMBER			
IN WORK	96198	0830										
COMP	96199	1520										
AWAITING MAINTENANCE	HRS	PART NUMBER			REMOVED	PART NUMBER						
M8	25.5											
MAINTENANCE/SUPPLY REC					TIME/CYCLES		TIME/CYCLES					
STATUS	DATE	TIME	EOC		TIME/CYCLES		TIME/CYCLES					
M3	96198	0830										
IW	96198	0830			DISCREPANCY	REMOVE PRESSURE REGULATOR	PILOT/INITIATOR					
M8	96198	1000			FOR MOD. S/N 1063		CPL LLOYD					
IW	96199	1130										
JC	96199	1300			CORRECTIVE ACTION	REPLACED MODIFIED PRESSURE REGULATOR						

CORRECTED BY													CF	QA
INSPECTED BY	SUPERVISOR	MAINT CONTROL	REQ	REQ										
JHJONES	PMLONG	RIMILLER	IBMERCER	RFI BCM										
JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN										
ORG DAY SER SUF	STATUS	JCN	TURN-IN	DDS										
D 9 8 1 9 8 4 2 0	92A	DOWN	1	AIR COND										
				SWP4826										

Figure 16-32: TD Compliance Supporting MAF

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE
			TIME	REASON
			HOURS	HOURS

LOCAL USE

REFERENCE

=====

FAILED / REQUIRED MATERIAL													
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL			TECHNICAL DIRECTIVE ID												
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
15EE6		47								62	0023					00
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
YGAA	001063															

REPAIR CYCLE			REMOVED/OLD ITEM				INSTALLED/NEW ITEM						
RECD	DATE	TIME	EOC	FSCM	SERIAL	NUMBER	FSCM	SERIAL	NUMBER				
IN WORK				82598	1063								
COMP													
AWAITING MAINTENANCE HRS			PART NUMBER	REMOVED	PART NUMBER								
			1267	96198									
MAINTENANCE/SUPPLY REC			TIME/CYCLES	A0000		TIME/CYCLES							
STATUS DATE TIME EOC			TIME/CYCLES			TIME/CYCLES							
DISCREPANCY INCORPORATE SEC 23 IN												PILOT/INITIATOR	
												AS3 CREWS	
CORRECTIVE ACTION													

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
				REQ	REQ
				RFI	BCM

=====

JOB CONTROL NUMBER	WORK CENTER	INSPT STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
D98198111							SEC 23	SWP4826

Figure 16-33: TD Compliance Turn-In Document

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
WEST                1  D989405  KLD  96198  1.0
.
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
15EE6   D98   47   2   C    01    1.0  1.0  62  0023          00
TYPE    BU/SER
EQUIP   NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
YGAA    001063
. . REPAIR CYCLE
. . . . .
RECD    96198  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96198  0800  82598  1063  82598  1063
COMP    96198  0900
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.1267  96198  1267-1
.
. TIME/CYCLES  A0000  TIME/CYCLES  A0000
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3     96198  0800
IW     96198  0800  DISCREPANCY  INCORPORATE SEC 23 IN  PILOT/INITIATOR
JC     96198  0900  PRESSURE REGULATOR  AZ3 SMITH
.
. CORRECTIVE ACTION  INCORPORATED SEC 23
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
DAWEST       GSKEYS       GSKEYS       IBMERCER       RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF    CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 9 8 1 9 8 1 1 1  940    3      3      SEC 23      SWP4826

```

Figure 16-34: Off-Equipment TD Compliance Action

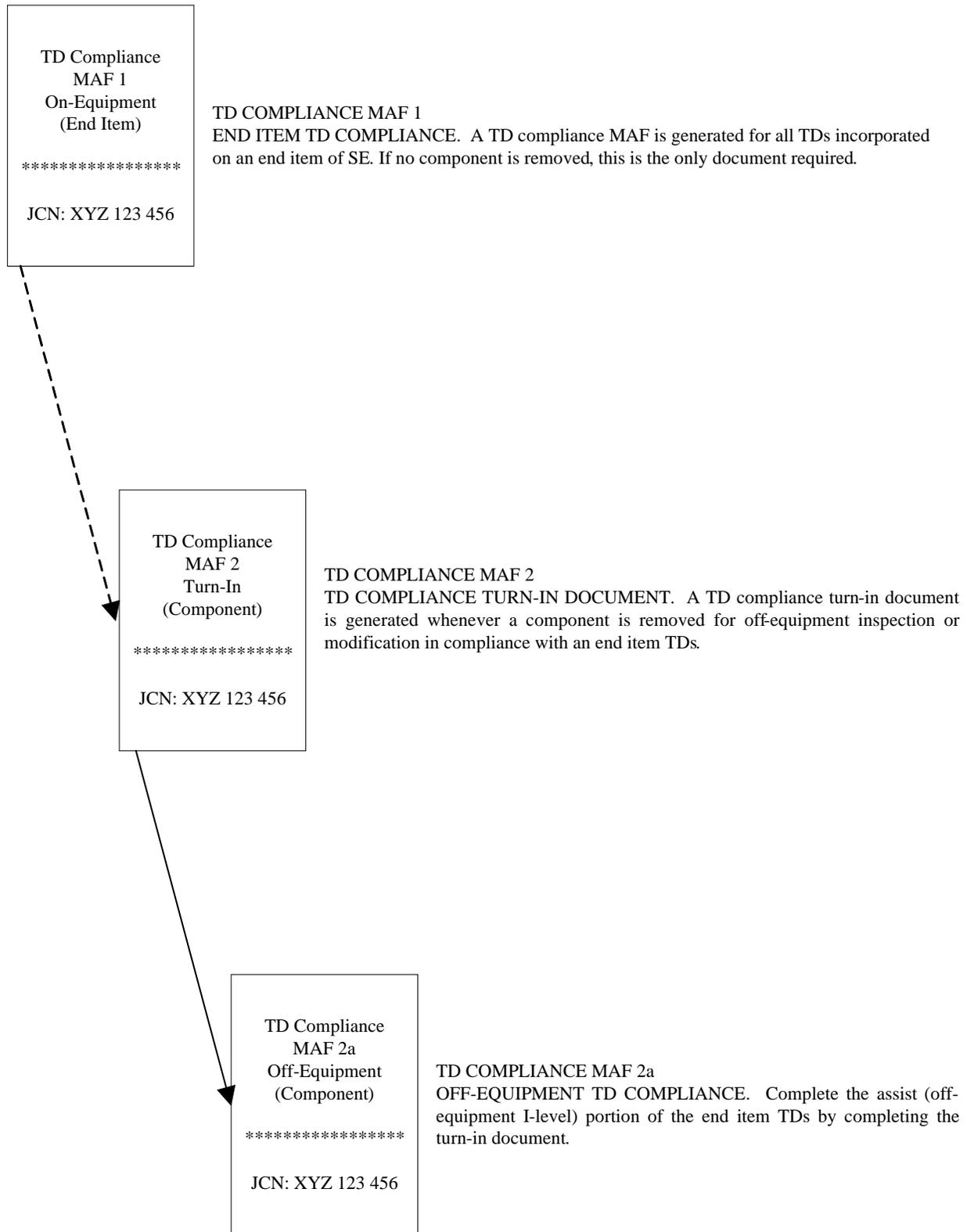


Figure 16-36: MAF Required for End Item TD Compliance Concurrent with a Failed Part

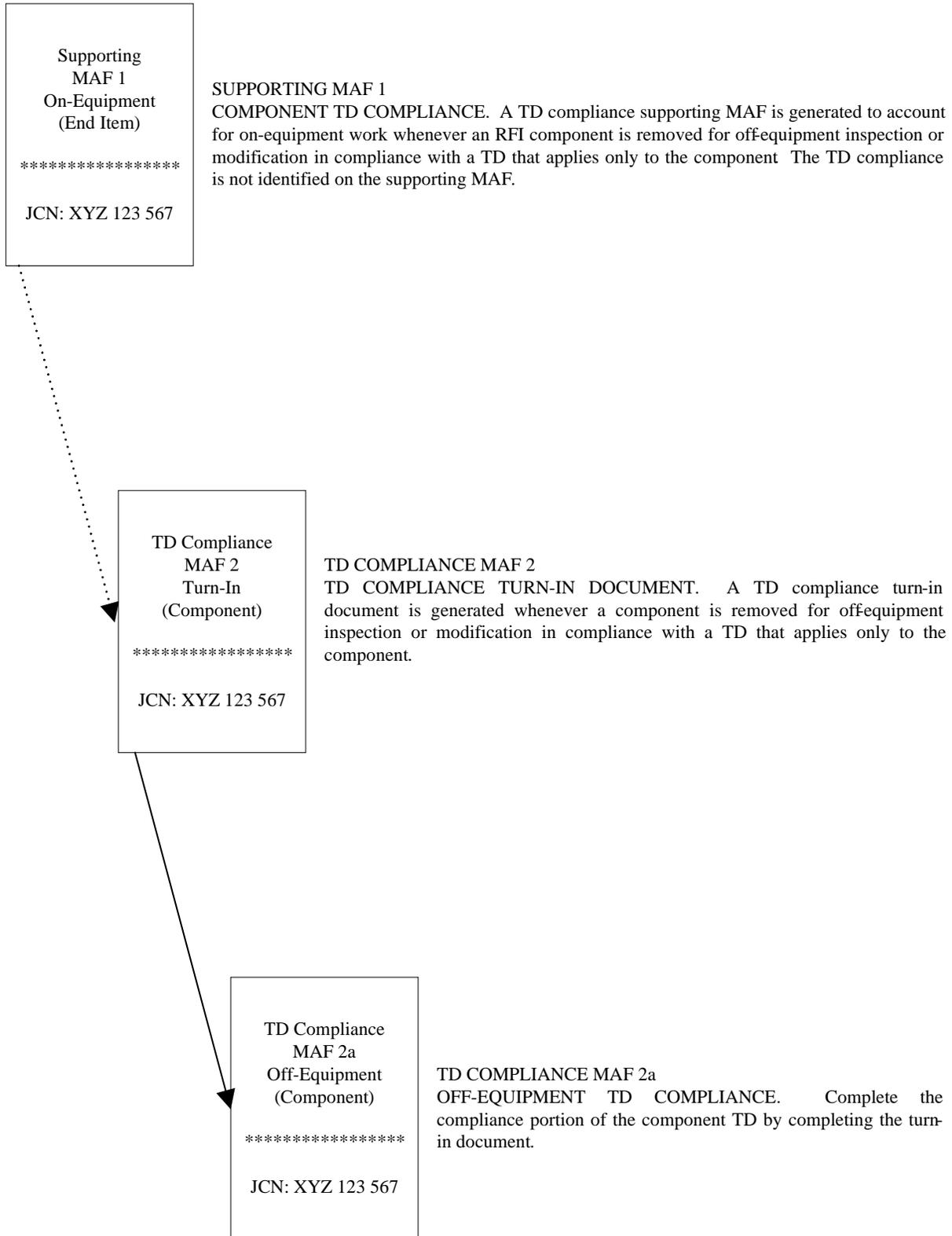


Figure 16-37: MAF Required for Component TD Compliance

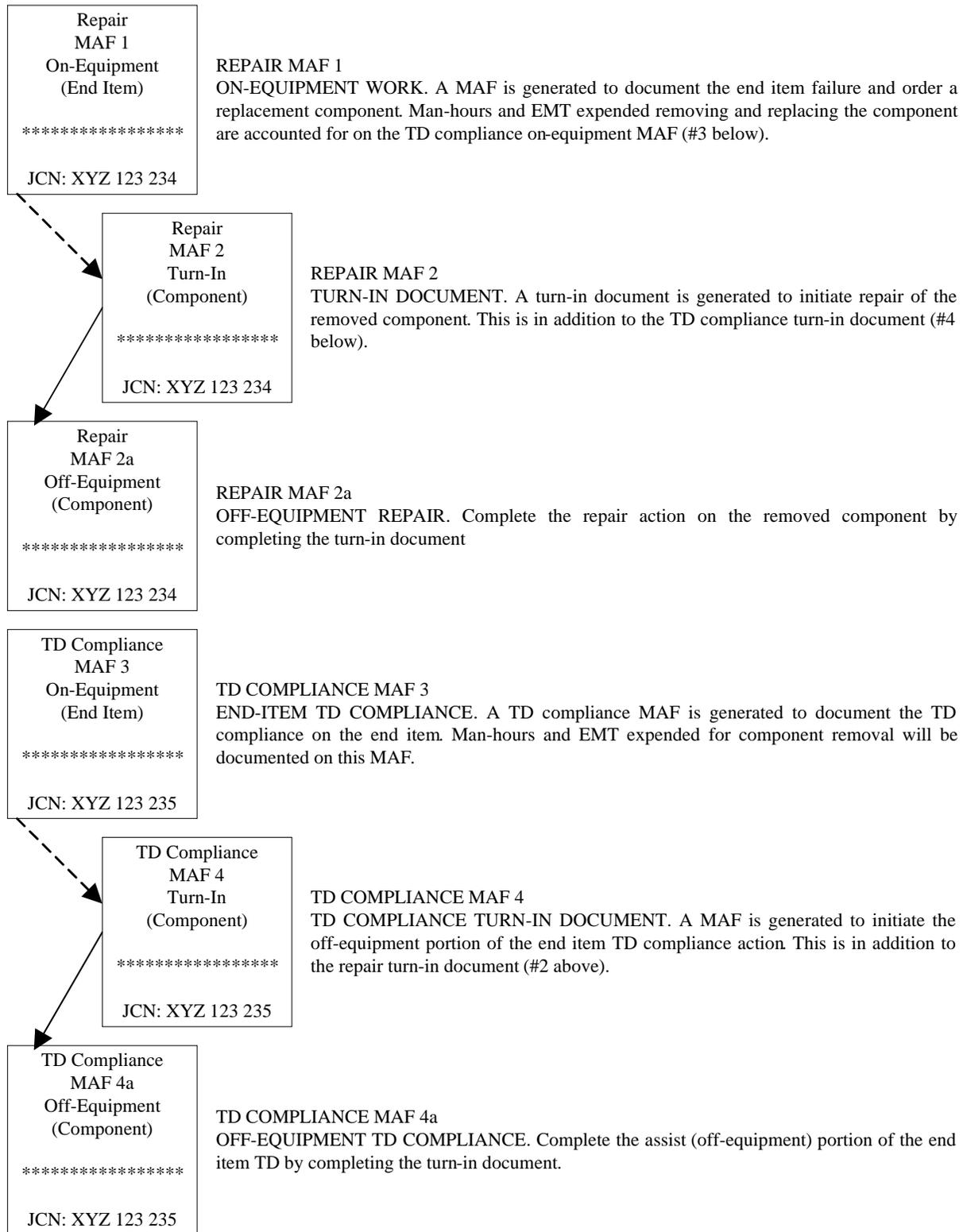


Figure 16-38: MAF Required for End Item TD Compliance Concurrent With a Failed Part

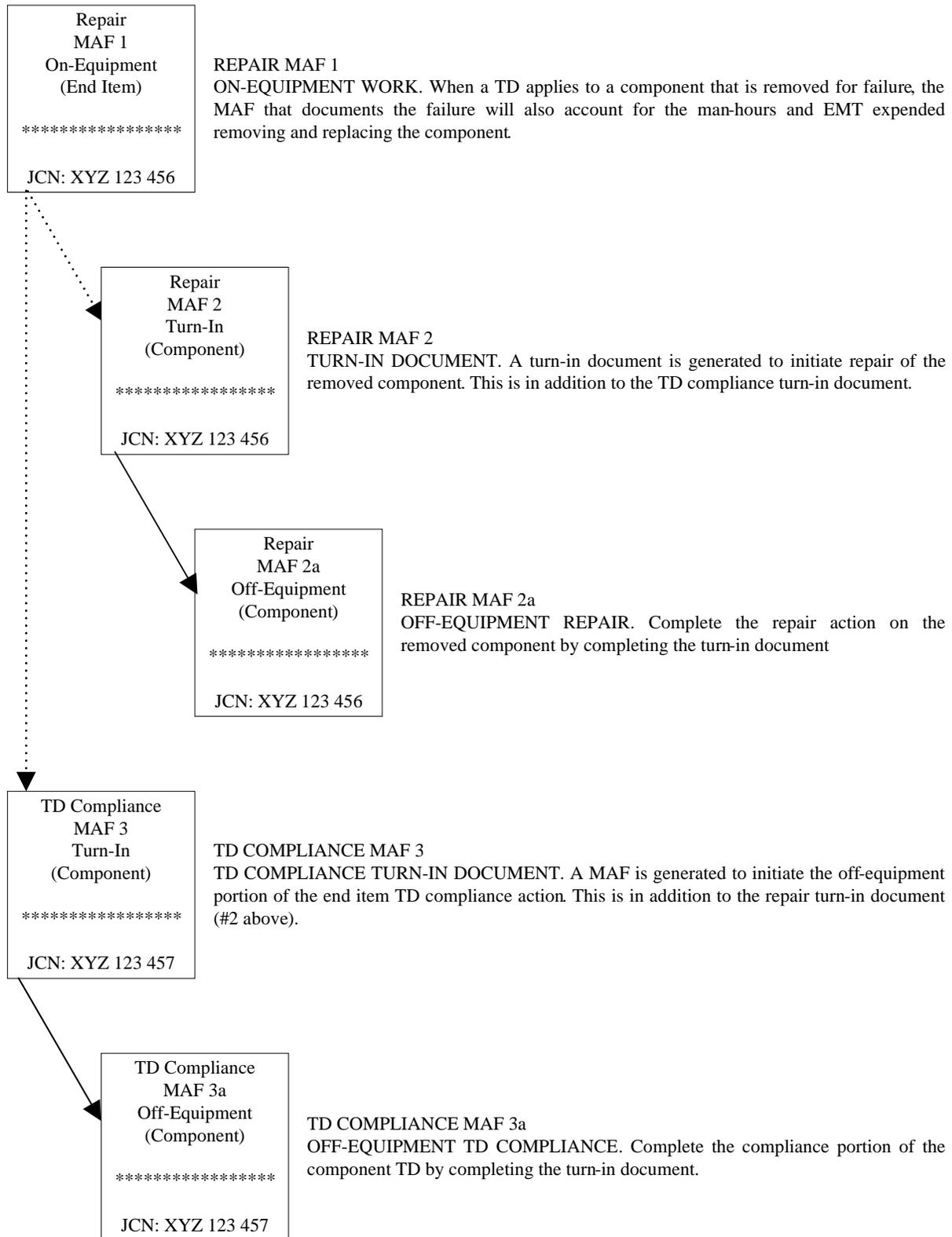


Figure 16-39: MAF Required for Component TD Compliance With a Failed Part

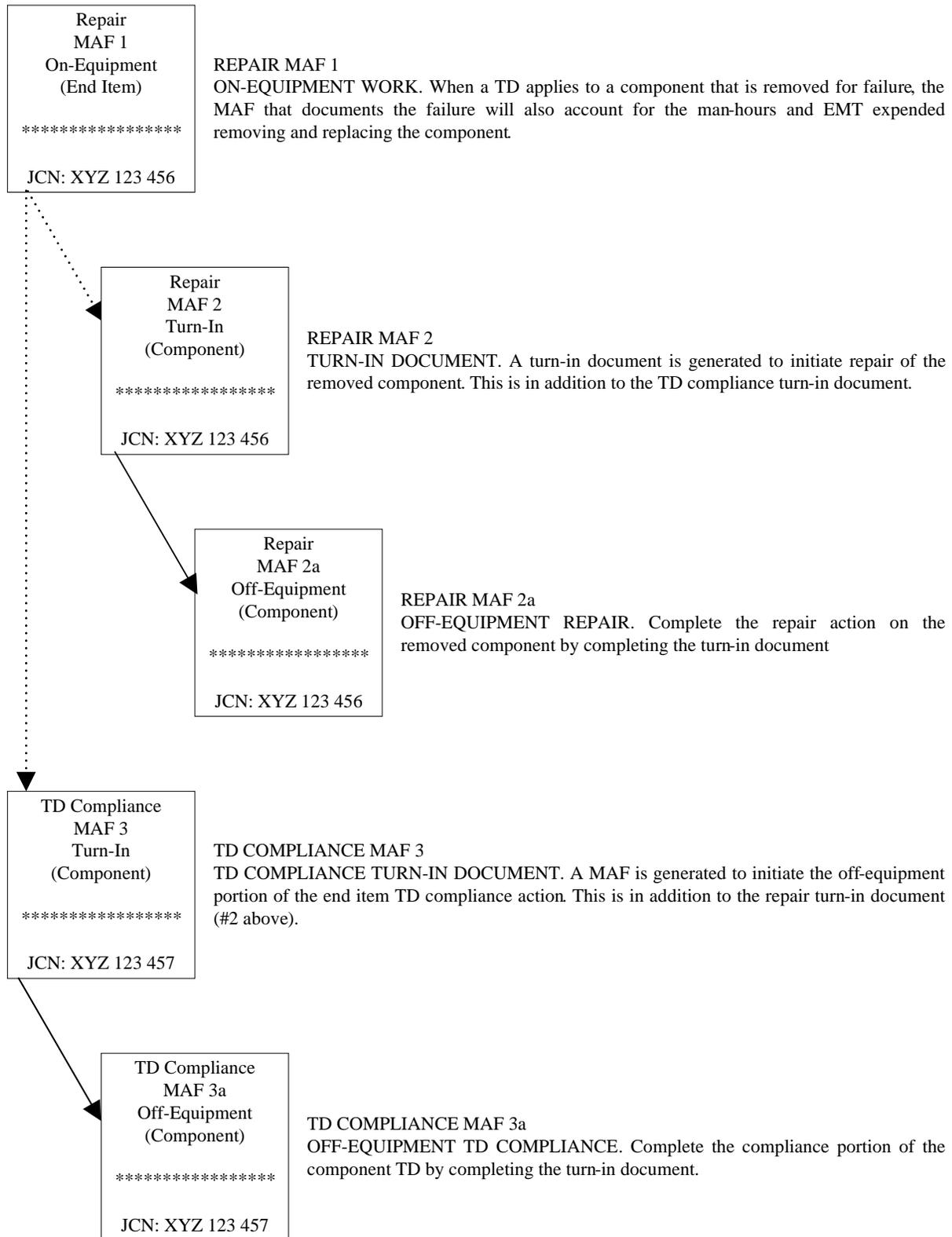


Figure 16-40: Inventory Transaction (Gain)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT                       TOOLBOX/INT  DATE  HOURS DATE  TIME  REASON  HOURS
.
.
.
.
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
                               FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

      FSCM                PART NUMBER
      FSCM                PART NUMBER
      FSCM                PART NUMBER

      WORK ACT                MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
      D98   03
TYPE     BU/SER
EQUIP    NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
GPMF     PXF299
. . REPAIR CYCLE
      DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD     FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK
COMP     96027  2400  DATE
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
.
.
.
      TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
JC      96027  2400  DISCREPANCY  PILOT/INITIATOR
.
.
.
CORRECTIVE ACTION  INVENTORY LOSS
.
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
. . . . .              . . . . .              ICBUTLER              RFI  BCM
. . . . .              . . . . .              . . . . .              . . . . .
JOB CONTROL NUMBER    WORK          INSPT
ORG  DAY  SER  SUF    CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
. . . . .              . . . . .              . . . . .              . . . . .              . . . . .
SWP4826

```

Figure 16-41: Inventory Transaction (Loss)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
WHITE	1 D989104	HRD 96198	0.5	96198	0900 8 6.5
WHITE	1 D989104	HRD 96198	0.5		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL													
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL			TECHNICAL DIRECTIVE ID												
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
19BC5	D98	11	1	S	804	01	1.0	1.0								
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
GDCD	001222	O	P				M1234									

REPAIR CYCLE		DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
RECD	96198	0830			FSCM SERIAL NUMBER	FSCM SERIAL NUMBER
IN WORK	96198	0830				
COMP	96198	1600			DATE	
AWAITING MAINTENANCE HRS		PART NUMBER	REMOVED	PART NUMBER		
MAINTENANCE/SUPPLY REC		TIME/CYCLES	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES
STATUS	DATE	TIME	EOC	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES
M3	96198	0830				
IW	96198	0830			DISCREPANCY PRESSURE GAUGE 1641 DUE FOR	PILOT/INITIATOR
M8	96198	0900			CALIBRATION	AZ3 LLOYD
IW	96198	1530				
JC	96198	1600			CORRECTIVE ACTION R & R GAUGE 1641. CHECKED GOOD AT CAL LAB	

CORRECTED BY										INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
JHWHITE										IMLONG	HRDRAPAL	IBMERCER	RFI	BCM
JOB CONTROL NUMBER			WORK	INSPT	SYSTEM/REASON			MCN						
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	GAUGE	SWP4826			
D	9	8	1	9	8	2	1	7						

Figure 16-42: Removed Component for Calibration

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT                       DATE  HOURS  DATE   TIME  REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

```
FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER
```

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
7336200
TYPE          BU/SER
EQUIP        NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM TECH INV CD PERM CD
AAEG         158689   D   B
. . REPAIR CYCLE . . . . .
```

```
RECD          DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK          FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
COMP          .06481  AAM025
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.866542          96028
. TIME/CYCLES  M0625  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  W1000  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  X0123  TIME/CYCLES
```

```
DISCREPANCY ASQ-61 WILL NOT ZERO OUT PILOT/INITIATOR
AZ3 SMITH
```

CORRECTIVE ACTION

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
```

```
RFI BCM
JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER SUF    CENTER  STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON  MCN
AC3028009          6028G112  ASQ-61          SWP4826
```

Figure 16-43: Component Turn-In Document

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT                       TOOLBOX/INT DATE  HOURS DATE  TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P  AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
7363200 D98  31  2  1  703  01  0.0  0.0  .
TYPE      BU/SER
EQUIP     NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
AAEG      158689  D   B

```

```

. . REPAIR CYCLE . . . . .
      DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD  96028  0800  . FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96028  0800  .06481  AAM025
COMP   96028  0800  .
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.866542  96028
.
. TIME/CYCLES  M0625  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  W1000  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  X0123  TIME/CYCLES
M3      96028  0800
IW      96028  0800  DISCREPANCY ASQ-61 WILL NOT ZERO OUT  PILOT/INITIATOR
JC      96028  0800
AZ3 SMITH

```

CORRECTIVE ACTION BEYOND CAPABILITY OF MAINTENANCE BCM-1

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
REQ  X
RFI  BCM
=====
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF    CENTER STATUS JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 0 2 8 0 0 9  05A      3  6028G112  ASQ-61  SWP4826
=====
```

Figure 16-44: BCM Action (AMSU)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
DAVIS	1 D9865A4 SWJ	96032	6.0	96032	1700 3 15.0
DAVIS	1 D9865A4 SWJ	96033	4.5	96033	1230 3 19.5

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL		TECHNICAL DIRECTIVE ID													
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
7363200	D98	39	2	Y	160	01	10.5	10.5								
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
AAEG	158589	D	B													

REPAIR CYCLE												
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM				INSTALLED/NEW ITEM				
IN WORK	DATE	TIME	EOC	FSCM	SERIAL NUMBER			FSCM	SERIAL NUMBER			
COMP	DATE	TIME	EOC	REMOVED				PART NUMBER				
AWAITING MAINTENANCE HRS				PART NUMBER				REMOVED				
M3												
34.5												
MAINTENANCE/SUPPLY REC				TIME/CYCLES				TIME/CYCLES				
STATUS	DATE	TIME	EOC	TIME/CYCLES				TIME/CYCLES				
M3	96032	1100										
IW	96032	1100		DISCREPANCY ASQ-61 WILL NOT ZERO OUT				PILOT/INITIATOR				
M3	96032	1700						AT1 DEAN				
IW	96033	0800										
M3	96033	1230										
IW	96034	0800		CORRECTIVE ACTION CLOSE OUT TROUBLESHOOTING								
JC	96034	0800										

CORRECTED BY													CF	QA
INSPECTED BY				SUPERVISOR				MAINT CONTROL				REQ	REQ	
				JBSMITH				IBMERCER				RFI	BCM	
JOB CONTROL NUMBER			WORK	INSPT								MCN		
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON		MCN		
A	C	3032009		65A			3			ASQ-61		SWP4826		

Figure 16-45: Troubleshooting Close Out

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X JBASHBY

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
SOX	1 D9865A3	SWP 96028	2.0	96029	0900 3 3.5
WHITE	1 D9865A2	SWP 96029	1.5		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
H	X	X	R	255	SA3		00001	BK1	03	96028	6028D212	96029
	FSCM	06481		PART NUMBER		866554						
	FSCM			PART NUMBER								
	FSCM			PART NUMBER								

UNIT CD	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
7336200	D98	32	2	C	958	01		3.5	3.5										
TYPE	BU/SER																		
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD					
AAEG	158689	D	B																
REPAIR CYCLE																			
RECD	DATE	TIME	EOC		REMOVED/OLD ITEM					INSTALLED/NEW ITEM									
IN WORK	96028	0800			FSCM SERIAL NUMBER					FSCM SERIAL NUMBER									
COMP	96029	1400																	
AWAITING MAINTENANCE HRS					PART NUMBER				DATE										
M3					.866542				96028										
3.5																			
MAINTENANCE/SUPPLY REC					TIME/CYCLES			M0625		TIME/CYCLES									
STATUS	DATE	TIME	EOC		TIME/CYCLES			W1000		TIME/CYCLES									
M3	96028	0800			TIME/CYCLES			X0111		TIME/CYCLES									
IW	96028	0800			DISCREPANCY			ASQ-61 WILL NOT ZERO OUT											PILOT/INITIATOR
WP	96028	1000																	AT3 SMITH
M3	96029	0900																	
IW	96029	1230																	
JC	96029	1400			CORRECTIVE ACTION			REPLACED SA3 MODULE, REPAIRED WIRING.											
					HOT/SAC CHECKS GOOD.														

CORRECTED BY										INSPECTED BY										SUPERVISOR										MAINT CONTROL										CF	QA			
JHWHITE										IBSMITH										SWPATTERSON										ECMERCER										RFI	BCM			
JOB CONTROL NUMBER										WORK CENTER										INSPT										SYSTEM/REASON										MCN				
ORG DAY SER SUF										CENTER										STATUS										JCN										PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
A C 3 0 2 8 0 0 9										65A										UP										3										6028G112	ASQ-61	SWP4826		

Figure 16-48: Component Repaired Using a Repairable Subassembly

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X JBASHBY

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
MILLER	1 D9869B5 RSB	96029	0.3	96029	0800 3 1.0
MILLER	1 D9869B5 RSB	96030	0.4	96030	1000 3 1.0

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
H	X	X	R	070	R502		00001	BK1	03	96029	6029D601	96030
	FSCM	06481		PART NUMBER		74638-2						
	FSCM			PART NUMBER								
	FSCM			PART NUMBER								

UNIT CD	ACT	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT
736324A	D98	32	2	C	450	01			0.7	0.7									
TYPE	BU/SER																		
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD					
AAEG	158689	W	B																
REPAIR CYCLE																			
RECD	DATE	TIME	EOC			REMOVED/OLD ITEM					INSTALLED/NEW ITEM								
IN WORK	96028	1300				FSCM SERIAL NUMBER					FSCM SERIAL NUMBER								
COMP	96029	0900				06481 36578													
AWAITING MAINTENANCE HRS	96030	1120								DATE									
M3						PART NUMBER				REMOVED									
2.0						746386				96029									
MAINTENANCE/SUPPLY REC						TIME/CYCLES				M0625									
STATUS	DATE	TIME	EOC			TIME/CYCLES													
A1	96028	1300																	
M3	96029	0800				DISCREPANCY				LOGIC BOARD OPEN									PILOT/INITIATOR
IW	96029	0900																	
WP	96029	0915																	AT2 SMITH
M3	96030	1000																	
IW	96030	1100				CORRECTIVE ACTION				REPAIRED LOGIC BOARD. REPLACED RESISTOR									
JC	96030	1120																	

CORRECTED BY										INSPECTED BY										SUPERVISOR										MAINT CONTROL										CF	QA
JHMILLER										IBSMITH										SWBRIGGS										ECMERCER										X	
																																								RFI	BCM
JOB CONTROL NUMBER										WORK CENTER										INSPT										SYSTEM/REASON										MCN	
AC3028009AA										69B										3										6028D229										CARD 673	SWP4826

Figure 16-50: Sub-Subassembly/Module Repair (Double Suffix)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X JBASHBY

ACCUMULATED WORK HOURS		MAN	ACCUMULATED AWM HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS DATE TIME REASON HOURS
DOE	1 D9865Q4	RIH 96129	1.0
DOE	1 D9865Q5	RIH 96138	1.5

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
						00001	BK0	02		96126	6126D111	96138
	FSCM	77327		PART NUMBER		247AS10-100-001						
	FSCM			PART NUMBER								
	FSCM			PART NUMBER								

WORK ACT	MAL		TECHNICAL DIRECTIVE ID														
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
78HFG	D98	18	1	T	814	01	2.5	2.5									
TYPE	BU/SER																
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD			
GVAB	000060	O	B				M1124										
REPAIR CYCLE																	
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM				INSTALLED/NEW ITEM									
IN WORK	96129	0800		FSCM	SERIAL NUMBER			FSCM	SERIAL NUMBER								
COMP	96138	1430		77327	IOU001			77327	UOI002								
AWAITING MAINTENANCE HRS	PART NUMBER	REMOVED	DATE	PART NUMBER													
	247AS10-100-001	96129		247AS10-100-001													
					TIME/CYCLES	M7676		TIME/CYCLES	M2121								
					TIME/CYCLES	M5000		TIME/CYCLES	M0101								
STATUS	DATE	TIME	EOC	TIME/CYCLES													
M3	96129	0800															
IW	96129	0800		DISCREPANCY	REMOVE BB10 FROM VAST #1						PILOT/INITIATOR						
WP	96138	0900		FOR VAST #2	AT3 SMITH												
IW	96138	1300															
JC	96138	1430															
					CORRECTIVE ACTION R & R BB10 IN VAST #1												

CORRECTED BY													CF	QA			
INSPECTED BY				SUPERVISOR				MAINT CONTROL				REQ	REQ				
JHDOE				IBBOSSWELL				RIHAUGE				ECMERCER				RFI	BCM
JOB CONTROL NUMBER				WORK	INSPT												
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON				MCN			
D	9	8	1	2	9	0	8	2		65Q	UP	3		BB10	SWP4826		

Figure 16-51: Cannibalization (End Item)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

ACCUMULATED WORK HOURS		MAN	ACCUMULATED AWM HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS DATE TIME REASON HOURS
RICH	1 D986902 SWP	96028	1.0
JONES	1 D9869A3	96034	

LOCAL USE

REFERENCE

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
H	X	X		615	TB1A22		00001	BK1	03	96028	6028D114	
	FSCM	06481			PART NUMBER	17864-3						
I		X	T	814	TB1A17		00001	BK1	03	96034	6034D101	
	FSCM	06481			PART NUMBER	746386						
	FSCM				PART NUMBER							

WORK ACT	UNIT CD	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
7363240	D98																			
TYPE	BU/SER																			
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD						
AAEG	152672	W	B																	
REPAIR CYCLE																				
RECD	96028	0800				FSCM	SERIAL	NUMBER			INSTALLED/NEW ITEM	FSCM	SERIAL	NUMBER						
IN WORK	96028	0800				06481	13747													
COMP										DATE										
AWAITING MAINTENANCE HRS						PART NUMBER				REMOVED		PART NUMBER								
						866554				96028										
MAINTENANCE/SUPPLY REC									M0231											
STATUS	DATE	TIME	EOC																	
M3	96028	0800																		
IW	96028	0800				DISCREPANCY	5A3	OPEN											PILOT/INITIATOR	
WP	96028	0900				VOLTAGE	OUTPUT													AT3 SMITH
WT	96028	1100																		
WQ	96028	1200																		
WB	96034	0800				CORRECTIVE	ACTION													
IW	96034	0900																		

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA		
				REQ	REQ		
				RFI	BCM		
JOB CONTROL NUMBER	WORK CENTER	INSPT JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
ORG DAY SER SUF	69A	UP	3	6028D341	5A3	CARD	SWP4826

Figure 16-52: Cannibalization (From AWP Component)


```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS
NAME/SHIFT      TOOLBOX/INT  DATE  MAN  ACCUMULATED  AWM  HOURS
RAINER          1  D9861B7  SWP  96033  3.0
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX      F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ  NO  DATE  REC
.
.
.
FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER
.
.
.
WORK  ACT      MAL      .TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  .INT  CODE  BASIC  NO  RV  AM  PART  KIT
7236400  D98  31    2    A    806  01    3.0    3.0  .
TYPE      BU/SER
EQUIP     NUMBER    W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
AFPH     151611    D    B
. . REPAIR CYCLE
. . . . .
RECD     96033    1100  .FSCM  SERIAL NUMBER    .FSCM  SERIAL NUMBER
IN WORK  96033    1100  .82598  1068
COMP     96033    1400  .
AWAITING MAINTENANCE HRS  PART NUMBER    REMOVED  . PART NUMBER
.1267          96033
.
.
.
MAINTENANCE/SUPPLY REC  TIME/CYCLES  M0431  . TIME/CYCLES
STATUS  DATE  TIME  EOC  .TIME/CYCLES  . TIME/CYCLES
M3      96033  1100  .
IW      96033  1100  .DISCREPANCY  RADAR ALTIMETER READS 150'  PILOT/INITIATOR
JC      96033  1400  .ABOVE PRESSURE ALTIMETER(MATCHED SET SEE  CPL SMITH
        .JCN AF2033021)
.
.
.
CORRECTIVE ACTION  NO DEFECT. REMOVED AS PART OF A
MATCHED SET. CHECKS GOOD WITH RT601/APN-141.
.
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
JHRAINER          BBPOTTS          IMLOGAN          ECMERCER          X  REQ  REQ
RFI  BCM
.
.
.
JOB CONTROL NUMBER  WORK  INSPT
ORG  DAY  SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A  F  2  0  3  3  0  2  2  61B  UP  3  6033G563  APN-141  SWP4826

```

Figure 16-55: Matched Set (No Repair)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
POWELL/YOUNG          1 D9851E3 SWP 96033 3.0
.
.
.
.
LOCAL USE
.
.
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
H      X      1      787      00001
FSCM  86896  PART NUMBER  008347741SNGT1
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P  HOURS  EMT INT CODE BASIC NO RV AM PART KIT
13511   D98  32  2  C  787  01  3.0  1.5
TYPE    BU/SER
EQUIP   NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM TECH INV CD PERM CD
AAEG   151686  H  B
. . REPAIR CYCLE
. . . . .
RECD   96033  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96033  0800  26512  7482
COMP   96033  0930
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
. 347H-1-2  96033
.
. TIME/CYCLES L0180 . TIME/CYCLES
MAINTENANCE/SUPPLY REC TIME/CYCLES . TIME/CYCLES
STATUS DATE TIME EOC . TIME/CYCLES . TIME/CYCLES
M3     96033  0800
IW     96033  0800 DISCREPANCY PORT TIRE WORN TO CORD. PILOT/INITIATOR
JC     96033  0930 AD3 SMITH
.
. CORRECTIVE ACTION BUILT UP NEW ASSY AND BCM'D TIRE
SER NO 0123456789
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHPOWELL     BBBLACK      BMCONLEY    ECMERCER        X  REQ REQ
RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF  CENTER STATUS JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 0 3 3 0 2 5  51E  UP  3  4033D921  A-6 TIRE  SWP4826

```

Figure 16-56: Tire and Wheel Documentation (Tires Prepositioned in W/C)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME  REASON HOURS
POWELL/YOUNG          1  D9851E3  SWP  96033  3.0
.
.
.
.
.
LOCAL USE
.
.
.
REFERENCE
=====
              FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
H       X           R   787           00001  BK1   03   96033  6033D211  96033
      FSCM  86896  PART NUMBER  008347741SNGT1
      FSCM           PART NUMBER
      FSCM           PART NUMBER

      WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
13511   D98   32   2   C   787  01    3.0  1.5
TYPE     BU/SER
EQUIP    NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM TECH INV CD PERM CD
AAEG    151686  H   B
. . REPAIR CYCLE
      DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD    96033  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96033  0800  26512  7482
COMP    96033  0930
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.347H-1-2  96033
.
. TIME/CYCLES L0180  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3     96033  0800
IW     96033  0800  DISCREPANCY  PORT MAIN TIRE WORN TO CORD.  PILOT/INITIATOR
JC     96033  0930
.
.
.
CORRECTIVE ACTION  BUILT UP NEW ASSY. ORDERED AND
REPLACED TIRE.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHPOWELL     BBBLACK      BMCONLEY    ECMERCER       X  REQ REQ
RFI  BCM
=====
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 0 3 3 0 2 5  51E  UP  3  4033D921  A-6 TIRE  SWP4826

```

Figure 16-57: Tire and Wheel Documentation (Ordering Replacement Tire)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X JBASHBY

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
JONES	1 D9865A2 SWB	96055	2.0	96050	0800 3 120.0
JONES	1 D9865A2 SWB	96075	1.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL													
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC
H	X	X	P	169			00001	BK1	03	96055		6055D212	96075
	FSCM	06481		PART NUMBER		123654-3-4							
	FSCM			PART NUMBER									
	FSCM			PART NUMBER									

UNIT CD	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
7363200	D98	32	2	D	169	01		3.0	3.0										
TYPE	BU/SER																		
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD					
AAEG	151615	D	B																
REPAIR CYCLE																			
RECD	DATE	TIME	EOC		REMOVED/OLD ITEM					INSTALLED/NEW ITEM									
IN WORK	96055	0800			FSCM SERIAL NUMBER					FSCM SERIAL NUMBER									
COMP	96075	0900																	
AWAITING MAINTENANCE HRS					PART NUMBER			REMOVED		PART NUMBER									
M3					123654-3			96050											
120.0																			
MAINTENANCE/SUPPLY REC					TIME/CYCLES			M0345		TIME/CYCLES									
STATUS	DATE	TIME	EOC		TIME/CYCLES			W1000		TIME/CYCLES									
M3	96050	0800			TIME/CYCLES			X0111		TIME/CYCLES									
IW	96055	0800			DISCREPANCY			ASQ-61 WILL NOT ZERO OUT.		PILOT/INITIATOR									
WP	96055	1000								AT3 SMITH									
WT	96055	1115																	
WQ	96055	1120																	
WB	96075	0800			CORRECTIVE ACTION			"D" ACTION CLOSE OUT. OFF LOAD FROM SHIP											
IW	96075	0800																	
JC	96075	0900																	

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	REQ	REQ
JJONES	IBSMITH	IMLOGAN	ECMERCER	RFI	BCM
JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN	
ORG DAY SER SUF	CENTER	STATUS	JCN	PRI	TURN-IN
AC1050099	65A	UP	1	4050D127	ASQ-61
					SWP4826

Figure 16-58: Transferring IMA Close Out (Post/Predeployment)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS      MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                   DATE   HOURS   DATE   TIME   REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

```
FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER
```

```
WORK ACT      MAL      TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
7363200
TYPE      BU/SER
EQUIP    NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
AAEG    151615  D   B
. . REPAIR CYCLE . . . . .
```

```
RECD      DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK   . FSCM  SERIAL NUMBER  . FSCM  SERIAL NUMBER
COMP      . 06481  DBL-001  .
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
. 123654-3244-001 96050 .
. TIME/CYCLES M0345 . TIME/CYCLES
MAINTENANCE/SUPPLY REC . TIME/CYCLES W1000 . TIME/CYCLES
STATUS DATE TIME EOC . TIME/CYCLES X0129 . TIME/CYCLES
```

```
. DISCREPANCY ASQ-61 WILL NOT ZERO OUT. PILOT/INITIATOR
. AT3 SMITH
.
. CORRECTIVE ACTION
.
```

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
REQ REQ
RFI BCM
```

```
=====
JOB CONTROL NUMBER      WORK      INSPT
ORG DAY SER SUF        CENTER  STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON MCN
AC1050099              6050D127  ASQ-61  SWP4826
```

Figure 16-59: Receiving IMA (Reinitiation Documentation)


```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN   ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE   TIME REASON HOURS
COATES              1  D9852A2  SWP  96190  1.0
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX   F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE BASIC  NO  RV  AM  PART  KIT
45216   D98   30    2    A    000  01    1.0   1.0
TYPE    BU/SER
EQUIP   NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
APBD    156527  O    T
. . REPAIR CYCLE
. . . . .
RECD    96190  0800  FSCM  SERIAL NUMBER  INSTALLED/NEW ITEM  FSCM  SERIAL NUMBER
IN WORK 96190  0800  12499  0
COMP    96190  0900
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.4123161-A  96190
.
. TIME/CYCLES  A2630  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3     96190  0800
IW     96190  0800  DISCREPANCY  MANUFACTURE HYD LINE AS PER  PILOT/INITIATOR
JC     96190  0900  SAMPLE. POC AS1 WILSON, EXT 9-7457  AZ3 SMITH
      (SQD DDSN 6190G352)
      CORRECTIVE ACTION  MANUFACTURED HYD LINE AS PER SAMPLE
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHCOATES     IBUTLER       IMJONES     ECMERCER       RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 8 8 1 9 0 4 5 1  52A  UP  1  HYD LINE  SWP4826

```

Figure 16-64: MAF Work Request (Local Manufacture/Fabrication)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X JBASHBY

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
COATES              1 D984102 SWP 96190 2.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
3251000 D98 30 2 A 804 01 2.0 2.0
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
YAAA 239858 O T
```

```
REPAIR CYCLE
RECD DATE TIME EOC REMOVED/OLD ITEM INSTALLED/NEW ITEM
IN WORK 96190 0800 FSCM SERIAL NUMBER FSCM SERIAL NUMBER
COMP 96190 1000
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
.54460-1 96190
TIME/CYCLES E1754 TIME/CYCLES
MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
M3 96190 0800
IW 96190 0800 DISCREPANCY BUILT UP PROPELLER ASSY PILOT/INITIATOR
JC 96190 1000 AZ3 SMITH
CORRECTIVE ACTION BUILT UP PROPELLER ASSY. RFI.
```

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
JHCOATES IBBUTLER IMJONES ECMERCER RFI BCM
=====
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
D 8 8 1 9 0 4 5 2 410 3 PROPELLER SWP4826
```

Figure 16-65: MAF Work Request (Supply Asset Build-Up Induction)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
YATES/KEEPING      1  D985302  TRC  96190  3.0
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
11310   D98   30    2    A    571   01    3.0   1.5
TYPE    BU/SER
EQUIP   NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
AFPH   155684  O    G
. . REPAIR CYCLE
. . . . .
RECD   96190  0800  FSCM  SERIAL NUMBER  INSTALLED/NEW ITEM  FSCM  SERIAL NUMBER
IN WORK 96190  0800  12345  530
COMP   96190  0930
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.4124111-3  96190
.
.
.
.
.
MAINTENANCE/SUPPLY REC  TIME/CYCLES  A2630  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3     96190  0800
IW     96190  0800  DISCREPANCY  NDI LAUNCH BAR UPLOCK  PILOT/INITIATOR
JC     96190  0930  FITTING. POC AMC WILSON, EXT 9-7457  CPL SMITH
.
.
.
CORRECTIVE ACTION PERFORMED MAGNETIC PARTICLE INSP ON
LAUNCH BAR UPLOCK FITTING. NO DEFECTS NOTED.
.
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
JHYATES              IBCAROL              IMMUNGER            ECMERCER              REQ  REQ
RFI  BCM
.
.
.
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF    CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
AA1190A06         530    UP      3    3    NDI FITTING  SWP4826

```

Figure 16-66: Scheduled Maintenance Work Request (NDI In-Shop) (Passed Inspection)


```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
YATES/KEEPING          1 D985302 TRC 96190 3.0
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
                               FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC

FSCM          PART NUMBER

FSCM          PART NUMBER

FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS EMT INT CODE BASIC NO RV AM PART KIT
11310   D98   30   2   A   571  01   3.0  1.5
TYPE    BU/SER
EQUIP   NUMBER   W/D T/M  POSIT  FID  SFTY/EI METER SE FSCM TECH INV CD PERM CD
AFPH    155684   O   S
. . REPAIR CYCLE
. . . . .
RECD    96190  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96190  0800  12345  530
COMP    96190  0930
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.4124111-3  96190
.
. TIME/CYCLES A2630 . TIME/CYCLES
MAINTENANCE/SUPPLY REC TIME/CYCLES . TIME/CYCLES
STATUS DATE TIME EOC . TIME/CYCLES . TIME/CYCLES
M3     96190  0800
IW     96190  0800 .DISCREPANCY NDI NLG DRAG BRACE. HARD LANDING PILOT/INITIATOR
JC     96190  0930 .POC AMC WILSON, EXT 9-7457 CPL SMITH
.
. CORRECTIVE ACTION PERFORMED MAGNETIC PARTICLE INSP ON
. NLG DRAG BRACE. PASSED INSPECTION.
.
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF QA
JHYATES          IBCAROL          IMMUNGER          ECMERCER          RFI BCM
.
JOB CONTROL NUMBER          WORK          INSPT
ORG DAY SER SUF          CENTER STATUS JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
AA1190250          530          3          NDI DRAG BR SWP4826

```

Figure 16-70: Unscheduled Maintenance Work Request (NDI In-Shop) (Passed Inspection)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X JBASHBY

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
YATES/KEEPING          1 D985302 TRC 96190 3.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
11310 D98 30 2 F 571 01 3.0 1.5
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
AFPH 155684 O S
```

REPAIR CYCLE

```
RECD DATE TIME EOC REMOVED/OLD ITEM INSTALLED/NEW ITEM
IN WORK 96190 0800 FSCM SERIAL NUMBER FSCM SERIAL NUMBER
COMP 96190 0930 DATE
```

```
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
.4124111-3 96190
```

```
MAINTENANCE/SUPPLY REC TIME/CYCLES A2630 TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
```

```
M3 96190 0800 DISCREPANCY NDI NLG DRAG BRACE HARD PILOT/INITIATOR
IW 96190 0800 LANDING POC AMC WILSON, EXT 9-7457 CPL KLINGER
JC 96190 0930
```

CORRECTIVE ACTION PERFORMED MAGNETIC PARTICLE INSP ON
NLG DRAG BRACE. FAILED INSPECTION.

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
JHYATES DLYARBROUGH DBADAMS LDCUMMINGS RFI BCM
=====
```

```
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
AA1190250 530 3 NDI DRAG BR SWP4826
```

Figure 16-71: Unscheduled Maintenance Work Request (NDI In-Shop) (Failed Inspection)

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE
TIME	REASON	HOURS		
LOCAL USE				

REFERENCE

=====

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE	REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT

751BE00

TYPE BU/SER

EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD
AMAF	164150	O	D											

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
IN WORK				FSCM SERIAL NUMBER .76301 10096	FSCM SERIAL NUMBER
COMP					
AWAITING MAINTENANCE HRS				PART NUMBER .74A730301-1016	REMOVED 96027
				U0012	
MAINTENANCE/SUPPLY REC				TIME/CYCLES	TIME/CYCLES
STATUS	DATE	TIME	EOC	TIME/CYCLES	TIME/CYCLES

DISCREPANCY LAU-116/A MISSILE LAUNCHER PILOT/INITIATOR
DUE FOR 224 DAY INSP. CPL BUCHANAN

CORRECTIVE ACTION

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
				REQ	REQ
				RFI	BCM

JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN

AW1027112 LAU-116 INSP SWP4826

Figure 16-72: O-Level Armament Equipment Turn-In for Scheduled Maintenance

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED AWM HOURS					
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME	REASON	HOURS
JPJONES	1 A9C71C9	ICB 96027	3.5				

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X MLHAGAN

LOCAL USE

REFERENCE

=====

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC
-------	-----	-----	-----	-----	-----	--------	-----	------	-----	------	-----	--------	----------

FSCM PART NUMBER
FSCM PART NUMBER
FSCM PART NUMBER

WORK ACT	MAL	TECHNICAL DIRECTIVE ID										
UNIT CD	ORG TRANS M/L A/T CODE I/P	HOURS EMT	INT CODE BASIC NO RV AM PART KIT									
751BE00	A9C 31 2 A 804 01	3.5 3.5										
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV CD	PERM CD
AMAF	164150	O	D									

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
				FSCM SERIAL NUMBER	FSCM SERIAL NUMBER
IN WORK	96027	0800		.74301 10096	
COMP	96027	1130			
AWAITING MAINTENANCE HRS	PART NUMBER	DATE	PART NUMBER		
	.74A730301-1016	96027			
MAINTENANCE/SUPPLY REC	TIME/CYCLES	U0012	TIME/CYCLES		
	TIME/CYCLES		TIME/CYCLES		
STATUS	DATE	TIME	EOC	TIME/CYCLES	
A1	96027	0800		TIME/CYCLES	
M3	96027	0800		DISCREPANCY LAU-116/A MISSILE LAUNCHER PILOT/INITIATOR	
IW	96027	0800		DUE FOR 224 DAY INSP. CPL BUCHANAN	
JC	96027	1130			

CORRECTIVE ACTION COMPLETED 224 DAY INSP PER MIMS NO
DISCREPANCIES NOTED.

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
JPJONES	IQSMITH	ICBUTLER	JHBALL	X	RFI BCM

JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN
AW1027112	71C	UP	LAU-116	SWP4826

Figure 16-73: O-Level Armament Equipment Component Turn-In for Scheduled Maintenance (No Material Required) (Completed)

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X MLHAGAN

=====

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
JPJONES	1 A9C71C9	ICB 96027	3.5		

LOCAL USE

REFERENCE

=====

INDEX		F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
H	X			R	070			00001	BK1	06	96027	6027DE02	96027
	FSCM				PART NUMBER		74R73002-4						
	FSCM				PART NUMBER								
	FSCM				PART NUMBER								

WORK ACT	UNIT CD	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT
751BE00	A9C	32	2	C	804	01			3.5	3.5									

TYPE BU/SER

EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD
AMAF	164150	O	D											

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
	96027	0745		FSCM SERIAL NUMBER	FSCM SERIAL NUMBER
IN WORK	96027	0745		76301 10096	
COMP	96027	1130			

AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER

74A730301-1016 96027

U0012

MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES TIME/CYCLES

STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES

A1 96027 0745
M3 96027 0800 DISCREPANCY LAU-116/A MISSILE LAUNCHER PILOT/INITIATOR
IW 96027 0800 DUE FOR 224 DAY INSP. CPL BUCHANAN
JC 96027 1130

CORRECTIVE ACTION COMPLETED 224 DAY INSP PER MIMS
R & R RELEASE MECHANISM. CHECKS GOOD.

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
JPJONES	IQSMITH	ICBUTLER	JHBALL	X	
				RFI	BCM

=====

JOB CONTROL NUMBER	WORK CENTER	INSPT	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
AW1027112	71C	UP			3			LAU-116 INSP	SWP4826

Figure 16-74: O-Level Armament Equipment Component Turn-In for Scheduled Maintenance (Maintenance and Material Required) (Completed)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T  CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
751BE00  A9C   30   2
TYPE     BU/SER
EQUIP    NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
YCAA    010096  O   B
. . REPAIR CYCLE . . . . .
```

```

RECD          DATE  TIME  EOC  REMOVED/OLD ITEM          INSTALLED/NEW ITEM
IN WORK          . FSCM  SERIAL NUMBER          FSCM  SERIAL NUMBER
COMP          . 76301  10096
AWAITING MAINTENANCE HRS PART NUMBER          REMOVED  PART NUMBER
          . 74A730301-1016          96027
          .
          . TIME/CYCLES          U0012          TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES          TIME/CYCLES
STATUS DATE  TIME  EOC  TIME/CYCLES          TIME/CYCLES
```

```

DISCREPANCY PERFORM ACCEPTANCE/          PILOT/INITIATOR
FUNCTIONAL CHECK ON LAU-116A/A MISSILE          CPL BUCHANAN
LAUNCHER RECD FROM NAS CECIL FIELD
CORRECTIVE ACTION
```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI BCM
```

```

JOB CONTROL NUMBER          WORK          INSPT
ORG DAY SER  SUF          CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
C 9 9 0 2 7 1 1 2          71C          LAU-116 ACCP  SWP4826
```

Figure 16-75: Turn-In Acceptance/Functional Check on Armament Equipment

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
JONES                1  1C9971C1  KRJ  96027  1.0
.
.
.
.
LOCAL USE
.
.
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
751BE00  A9C  30    2    A    804  01    1.0    1.0
TYPE      BU/SER
EQUIP     NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
YCAA     010096  O    B
. . REPAIR CYCLE
. . . . .
RECD     96027  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96027  0800  76301  10096
COMP     96027  0900
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
. 74A730301-1016  96027
.
. TIME/CYCLES  U0012  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3     96027  0800
IW     96027  0800  DISCREPANCY  PERFORM ACCEPTANCE/  PILOT/INITIATOR
JC     96027  0900  FUNCTIONAL CHECK ON LAU-116A/A MISSILE  CPL BUCHANAN
LAUNCHER RECD FROM NAS CECIL FIELD
.
. CORRECTIVE ACTION  PERFORMED FUNCTIONAL CHECK. NO
. DEFECTS NOTED.
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
IMJONES      KRJOE          KRJOE       IBMERCER       REQ  REQ
RFI  BCM

JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
C 9 9 0 2 7 1 1 2  71C  3  LAU-116 FUNC  SWP4826

```

Figure 16-76: Turn-In Acceptance/Functional Check on Armament Equipment (Completed)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X MLHAGAN

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
JONES                1 A9C71C9 ICB 96027 3.5
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
751BE00 A9C 31 2 A 804 01 3.5 3.5
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
YCAA 010096 O D
```

```
REPAIR CYCLE
RECD 96027 0745 FSCM SERIAL NUMBER INSTALLED/NEW ITEM
IN WORK 96027 0745 76301 10096 FSCM SERIAL NUMBER
COMP 96027 1130 DATE
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
.74A730301-1016 96027
TIME/CYCLES U0012 TIME/CYCLES
MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
A1 96027 0745 DISCREPANCY LAU-116/A MISSILE PILOT/INITIATOR
M3 96027 0800 LAUNCHER DUE FOR 224 DAY INSP. CPL BUCHANAN
IW 96027 0800
JC 96027 1130
CORRECTIVE ACTION COMPLETED 224 DAY INSP PER MIMS
NO DISCREPANCIES NOTED.
```

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
JPJONES IQSMITH ICBUTLER JHBALL X RFI BCM
=====
```

```
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
A9C027710 71C UP 3 LAU-116 SWP4826
```

Figure 16-78: I-Level Armament Equipment Pool Component Due for Scheduled Maintenance (Completed)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE

NONE LOGS REC

X MLHAGAN

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS	
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME	REASON HOURS
JPJONES	1 A9C81B11	ICB 96027	1.0	96027	0900	8 4.0
JPJONES	1 A9C81B11	ICB 96027	1.5			

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL													
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL			TECHNICAL DIRECTIVE ID												
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
96B1600	A9C	31	2	A	804	01	2.5	2.5								
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
YPAA	JP7794	O	D													

REPAIR CYCLE			REMOVED/OLD ITEM		INSTALLED/NEW ITEM		
RECD	DATE	TIME	EOC	FSCM	SERIAL NUMBER	FSCM	SERIAL NUMBER
IN WORK	96027	0745		30003	10096		
COMP	96027	0800					
	96027	1430					
AWAITING MAINTENANCE HRS		PART NUMBER		REMOVED		PART NUMBER	
M8	4.0		68A73H1-103	96027			
		TIME/CYCLES		A0000		TIME/CYCLES	
MAINTENANCE/SUPPLY REC		TIME/CYCLES		TIME/CYCLES		TIME/CYCLES	
STATUS	DATE	TIME	EOC	TIME/CYCLES			
A1	96027	0745					
M3	96027	0800		DISCREPANCY LPU-21C/P LIFE PRESERVER DUE		PILOT/INITIATOR	
IW	96027	0800		FOR 90 DAY INSP. POC PR1 WILSON, EXT 9-7457		PR3 BUCHANAN	
M8	96027	0900					
IW	96027	1300					
JC	96027	1430		CORRECTIVE ACTION COMPLETED 90 DAY INSP PER MIMS.			
NO DISCREPANCIES NOTED.							

CORRECTED BY										INSPECTED BY		SUPERVISOR		MAINT CONTROL		CF	QA	
JPJONES										IQSMITH		ICBUTLER		JHBALL		X	RFI	BCM
JOB CONTROL NUMBER			WORK CENTER		INSPT		TURN-IN		SYSTEM/REASON		MCN							
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDS	SYSTEM/REASON	MCN							
A	W	1027	005	81B	UP		3			LPU-21C/P	SWP4826							

Figure 16-80: O-Level ALSS Personal Equipment Due For Scheduled Maintenance (Completed)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS
NAME/SHIFT      TOOLBOX/INT  MAN  ACCUMULATED  AWM  HOURS
HOURS  DATE  HOURS  DATE  TIME  REASON  HOURS
JPJONES          1  A9C81B11  ICB  96027  1.0  96027  0900  8  4.0
JPJONES          1  A9C81B11  ICB  96027  1.5
.
.
.
LOCAL USE
.
.
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
H      X      R  381      00001  BK1  03  96027  6027DF80  96027
      FSCM      PART NUMBER  68A73B2-3
      FSCM      PART NUMBER
      FSCM      PART NUMBER

WORK ACT      MAL      TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
96B1600  A9C  32    2    C    804  01    2.5   2.5
TYPE      BU/SER
EQUIP     NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
YPAA     JP7794  O    D
. . REPAIR CYCLE . .
      DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD     96027  0745  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96027  0745  30003  10096
COMP     96027  1430
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
M8      4.0      .68A73H1-103  96027
      TIME/CYCLES  A0000  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
A1     96027  0745
M3     96027  0800  DISCREPANCY  LPU-21C/P LIFE PRESERVER DUE  PILOT/INITIATOR
IW     96027  0800  FOR 90 DAY INSP. POC PR1 WILSON, EXT 9-7457  PR3 BUCHANAN
M8     96027  0900
IW     96027  1300
JC     96027  1430  CORRECTIVE ACTION  COMPLETED 90 DAY INSP PER MIMS.
      R & R AND PLACED NEW BLADDER IN SERVICE.

=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JPJONES      IQSMITH      ICBUTLER    JHBALL          X  REQ REQ
RFI  BCM

JOB CONTROL NUMBER  WORK  INSPT
ORG  DAY  SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A W 1027005      81B  UP      3      LPU-21C/P  SWP4826

```

Figure 16-81: O-Level ALSS Personal Equipment Due For Scheduled Maintenance (Maintenance and Material Required) (Completed)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

```
FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER
```

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
42141          2
TYPE          BU/SER
EQUIP          NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
AAE9          000000  O   T
. . REPAIR CYCLE . . . . .
```

```
RECD          DATE  TIME  EOC  REMOVED/OLD ITEM          INSTALLED/NEW ITEM
IN WORK          . FSCM  SERIAL NUMBER          FSCM  SERIAL NUMBER
COMP          .          768-48
AWAITING MAINTENANCE HRS PART NUMBER          REMOVED  PART NUMBER
.          .          363473-1-1          96027
```

```
MAINTENANCE/SUPPLY REC          TIME/CYCLES  C0502          TIME/CYCLES
STATUS DATE TIME EOC          TIME/CYCLES          TIME/CYCLES
A1          96027  0800
DISCREPANCY CHECK/TEST AND MAKE RFI          PILOT/INITIATOR
MATERIAL CONDITION (RFI) TAG MISSING          AT2 SMITH
CORRECTIVE ACTION
```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
```

```
=====
JOB CONTROL NUMBER          WORK          INSPT
ORG DAY SER SUF          CENTER  STATUS JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 8 8 0 2 7 1 1 2          CHECK/TEST  SWP4826
```

Figure 16-83: MAF Discrepancy (Supply Asset Induction Document) (Material Condition Tag Missing)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE

NONE LOGS REC

X MLHAGAN

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS  DATE  TIME  REASON  HOURS
SMITH                1  D986209  ICB  96027  1.0  96027  0800                1.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
42141   D98   31    2    A    804   01    1.0   1.0
TYPE    BU/SER
EQUIP   NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
AAE9    000000  O    T

```

```

REPAIR CYCLE
RECD   96027  0800  FSCM  SERIAL NUMBER  INSTALLED/NEW ITEM  FSCM  SERIAL NUMBER
IN WORK 96027  0900  99193  768-48
COMP   96027  1000
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
.363473-1-1  96027
. TIME/CYCLES  C0502  . TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
A1     96027  0800
M3     96027  0900  DISCREPANCY  CHECK/TEST AND MAKE RFI  PILOT/INITIATOR
IW     96027  0900  MATERIAL CONDITION (RFI) TAG MISSING  AT2 SMITH
JC     96027  1000
CORRECTIVE ACTION  CSD RAN GOOD ON TEST STAND. NO DEFECTS

```

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
IQSMITH       JQJONES       ICBUTLER    JHBALL         X  REQ REQ
RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG  DAY  SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 8 8 0 2 7 1 1 2  620  UP  3  CSD  SWP4826
=====
```

Figure 16-84: Completed Discrepancy MAF (Supply Asset Induction Document) (Material Condition Tag Missing)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

```
=====
ACCUMULATED WORK HOURS      MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                   DATE   HOURS   DATE   TIME   REASON HOURS
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT      MAL      TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
13125
TYPE      BU/SER
EQUIP    NUMBER   W/D T/M   POSIT   FID  SFTY/EI  METER SE FSCM TECH INV CD PERM CD
AAEG    151688
. . REPAIR CYCLE . . . . .
```

```

RECD      DATE   TIME   EOC   REMOVED/OLD ITEM   INSTALLED/NEW ITEM
IN WORK   . FSCM   SERIAL NUMBER     . FSCM   SERIAL NUMBER
COMP      .64124   4113-21           .
AWAITING MAINTENANCE HRS PART NUMBER   REMOVED   PART NUMBER
.912473-1   96033
.
. TIME/CYCLES   1234   . TIME/CYCLES
MAINTENANCE/SUPPLY REC . TIME/CYCLES   . TIME/CYCLES
STATUS DATE TIME EOC . TIME/CYCLES   . TIME/CYCLES
```

DISCREPANCY COMPLY WITH PARA II OF AFC 54 PILOT/INITIATOR
AZ3 GRANT

CORRECTIVE ACTION

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF   QA
REQ REQ
```

```

JOB CONTROL NUMBER   WORK   INSPT
ORG DAY SER SUF     CENTER STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON MCN
AC3033061           AFC 54 SWP4826
```

Figure 16-85: TD Compliance Turn-In Document (O-Level)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
BELL/HALL           1  D9852A2  GSH  96033  1.0
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
13125   D98   47   2   A    00    1.0  0.5  50  0054
TYPE    BU/SER
EQUIP   NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
AAEG    151688
. . REPAIR CYCLE
. . . . .
RECD    96033  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96033  0800  64124  4113-21  64124  4113-21
COMP    96033  0830
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.912473-1  96033  912473-1
.
. TIME/CYCLES  A1234  TIME/CYCLES  A1234
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3     96033  0800
IW     96033  0800  DISCREPANCY  COMPLY WITH PARA II OF AFC 54  PILOT/INITIATOR
JC     96033  0830
.
.
. CORRECTIVE ACTION  COMPLIED WITH PARA II OF AFC 54
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
ABHALL       DAHANDS       DAHANDS     CLBROWN        RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 0 3 3 0 6 1  52A  UP  3  AFC 54  SWP4826

```

Figure 16-86: TD Compliance (IMA Assist)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT                      DATE  HOURS  DATE  TIME  REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
7236400
TYPE          BU/SER
EQUIP        NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM TECH INV CD PERM CD
YCAA         000000
. . REPAIR CYCLE . . . . .
```

```

RECD          DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK      . FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
COMP         .82598  1063
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.1267      96033
.
. TIME/CYCLES  A0000  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
```

```

DISCREPANCY INCORPORATE AVC 87 IN RADAR PILOT/INITIATOR
ALTIMETER AZ3 SMITH
CORRECTIVE ACTION
```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
```

```

JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER SUF    CENTER  STATUS JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
AF2033035          AVC 87          SWP4826
```

Figure 16-87: Turn-In for TD Compliance

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
WILCOX/COX          1  D9861B2  RIC  96083  1.0
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE  REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
7236400  D98  47  2  C  01  1.0  0.5  54  0087  00
TYPE  BU/SER
EQUIP  NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
YCAA  000000
. . REPAIR CYCLE
. . . . .
RECD  96083  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96083  0800  82598  1063  82598  1063
COMP  96083  0830
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.1267  96033  1267-1
.
. TIME/CYCLES A0000  TIME/CYCLES A0000
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3  96083  0800
IW  96083  0800  DISCREPANCY  INCORPORATE AVC 87 IN RADAR  PILOT/INITIATOR
JC  96083  0830  ALTIMETER  AZ3 SMITH
.
. CORRECTIVE ACTION  INCORPORATED AVC 87 IN RADAR ALTIMETER
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
ABWILCOX  GSMURRY  RICLAUSEN  IBMERCER  X  REQ REQ
RFI  BCM

JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A F 2 0 8 3 0 3 5  61B  UP  3  AVC 87  SWP4826

```

Figure 16-88: IMA TD Compliance

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED AWM HOURS
NAME/SHIFT	DATE	DATE TIME REASON HOURS

LOCAL USE

REFERENCE

=====

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL	TECHNICAL DIRECTIVE ID										
UNIT CD	ORG TRANS M/L A/T	CODE I/P	HOURS	EMT	INT	CODE BASIC	NO RV	AM	PART	KIT		
23500		301										
TYPE	BU/SER											
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV CD	PERM CD
JHHA	663223	H	B									

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
IN WORK				FSCM SERIAL NUMBER	FSCM SERIAL NUMBER
COMP				JHHA1 663223	
AWAITING MAINTENANCE HRS				DATE	
M3				REMOVED	PART NUMBER
0.1				96104	
				TIME/CYCLES	TIME/CYCLES
MAINTENANCE/SUPPLY REC				E1234	TIME/CYCLES
STATUS	DATE	TIME	EOC	TIME/CYCLES	TIME/CYCLES

DISCREPANCY COMPRESSOR CASE CRACKED FROM PILOT/INITIATOR
FOD. FOR INSP USE JCN AC3104A00 AZ3 SMITH
CORRECTIVE ACTION

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
--------------	--------------	------------	---------------	----	----

RFI BCM

JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN
ORG DAY SER SUF	STATUS	JCN	MCN	
A C 3104001	A00	6104G221	663223 MOM	SWP4826

Figure 16-90: O-Level Turn-In Control Document for Engine Repair

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

X

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE

LOCAL USE

REFERENCE

=====

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE	REC
-------	-----	-----	-----	-----	-----	--------	-----	------	-----	------	-----	--------	------	-----

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK UNIT	ACT CD	ORG	TRANS	M/L	A/T	MAL CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT CODE	BASIC NO	RV	AM	PART KIT
23500	D98	11	2												
TYPE	BU/SER														
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD	
JHMA	649300	V	T												

REPAIR CYCLE

RECD	DATE	TIME	EOC	FSCM	SERIAL NUMBER	INSTALLED/NEW ITEM	FSCM	SERIAL NUMBER	
	94030	0900							
IN WORK									
COMP									
AWAITING MAINTENANCE	HRS	PART NUMBER	REMOVED	PART NUMBER					
M3									
0.1									
MAINTENANCE/SUPPLY REC				TIME/CYCLES		TIME/CYCLES		TIME/CYCLES	
STATUS	DATE	TIME	EOC	TIME/CYCLES		TIME/CYCLES		TIME/CYCLES	
M3	96030	0900							
DISCREPANCY RUN ENGINE ON TEST CELL TO PILOT/INITIATOR									
VERIFY READY FOR USE (RFU) AD1 SMITH									
CORRECTIVE ACTION									

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
				REQ	REQ
				RFI	BCM

JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN
ORG DAY SER SUF	CENTER	STATUS JCN	PRI TURN-IN DDSN	TEST CELL RUN SWP4826
D 8 8 0 3 0 0 0 1	450	001 2		

Figure 16-92: Supply Asset Engine (Assist MAF) Test Cell Run

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

X JBASHBY

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
ERTMAN              1  D9841A10  RLK  96104  1.5
DUNCAN              1  D9841A10  RLK  96107  2.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
-----
          00001  ZQ9  03  96105  6105DZ40  96107
FSCM  99207  PART NUMBER  6049T41P01
FSCM          PART NUMBER
FSCM          PART NUMBER
=====
```

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE BASIC  NO  RV  AM  PART  KIT
235F6    D98   18    2    R    710   01    3.5   3.5
TYPE     BU/SER
EQUIP    NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
JHHA    663223  W    2
. . REPAIR CYCLE . . . . .
RECD    96104  0800  FSCM  SERIAL NUMBER  INSTALLED/NEW ITEM
IN WORK 96104  0800  99207  MDU1429        FSCM  SERIAL NUMBER
COMP    96107  1000
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
          6049T41P01  96104  6049T41P01
          TIME/CYCLES  A1234  TIME/CYCLES  A1234
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
M3     96104  0800  DISCREPANCY  R & R # 4 BEARING DUE TO  PILOT/INITIATOR
IW     96104  0800  EVIDENCE OF OVERHEATING  AD1 SMITH
WS     96104  0930
WP     96105  0800
IW     96107  0800
JC     96107  1000  CORRECTIVE ACTION  R & R # 4 BEARING
=====
```

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHDUNCAN      IBEMBACH      IMKRIS      ECMERCER      RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 1 0 4 0 0 1  41A  3  R/R #4 BRNG  SWP4826
=====
```

Figure 16-95: Removal/Replacement of a Tracked Consumable Component

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE

NONE LOGS REC

X X JBASHBY

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
DUNCAN	1 D9841A10	RLK 96104	1.5		
ERTMAN	1 D9841A10	RLK 96107	2.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
							00001	ZQ9	03	96105	6105DZ36	96107
	FSCM	23810		PART NUMBER		667237						
	FSCM			PART NUMBER								
	FSCM			PART NUMBER								

WORK ACT	MAL			TECHNICAL DIRECTIVE ID												
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
235DD	D98	23	2	R	381	01	3.5	3.5								
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
JHHA	663223	W	2													
REPAIR CYCLE																
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM			INSTALLED/NEW ITEM									
IN WORK	96104	0800		FSCM	SERIAL NUMBER		FSCM	SERIAL NUMBER								
COMP	96107	1000		23810	FP16		23810	FP26								
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED	DATE	PART NUMBER									
				667237	96104		667237									
				TIME/CYCLES	C1313	TIME/CYCLES	C0001									
MAINTENANCE/SUPPLY REC				TIME/CYCLES	TIME/CYCLES											
STATUS	DATE	TIME	EOC	TIME/CYCLES												
M3	96104	0800		DISCREPANCY FUEL PRESSURIZING DUMP VALVE PILOT/INITIATOR												
IW	96104	0800		ASSY LEAKING AD1 SMITH												
WS	96104	0930														
WP	96105	0800														
IW	96107	0800														
JC	96107	1000		CORRECTIVE ACTION R & R FUEL PRESSURIZING DUMP VALVE ASSY												

CORRECTED BY													CF	QA		
INSPECTED BY				SUPERVISOR				MAINT CONTROL					REQ	REQ		
JHDUNCAN				IBEMBACH				IMKRIS					ECMERCER	RFI	BCM	
JOB CONTROL NUMBER			WORK	INSPT												
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON			MCN			
AC31040011A				41A			3			R/R DUMP VAL			SWP4826			

Figure 16-96: Removal/Replacement of a Repairable Component with No Repairable Sub-Subassemblies

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS
NAME/SHIFT      TOOLBOX/INT  MAN  ACCUMULATED  AWM  HOURS
HOURS           DATE         HOURS DATE      TIME  REASON HOURS
LAND            1  D9841A21  RJP  96104        4.0
DAYS/3         1  D9841A21  RJP  96107       12.0

LOCAL USE
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
-----
FSCM  13416  PART NUMBER  6671181
FSCM  PART NUMBER
FSCM  PART NUMBER

WORK ACT      MAL      TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE BASIC  NO  RV  AM  PART  KIT
2351C10  D98  23    2    R    301  01    16.2  8.0

EQUIP  NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
JHHA   663223  W    1

REPAIR CYCLE
RECD   DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK 96104 0800 FSCM SERIAL NUMBER FSCM SERIAL NUMBER
COMP   96107 1200 13416 T11061 13416 T00817

AWAITING MAINTENANCE HRS PART NUMBER REMOVED DATE PART NUMBER
.6671181 96104 6671181

TIME/CYCLES C0931 TIME/CYCLES C0001
MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
M3     96104 0800 DISCREPANCY FRONT COMPRESSOR STATORS PILOT/INITIATOR
IW     96104 0800 FODDED AD2 SMITH
WP     96104 1200
IW     96107 0800
JC     96107 1200
CORRECTIVE ACTION R & R FRONT COMPRESSOR

=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHSWANSON    IBKRAMER        RL PERRY    ECMERCER        RFI BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF    CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 1 0 4 0 0 1  41A    3      3      R/R FRT COMP  SWP4826

```

Figure 16-97: Removal/Replacement of a Repairable Component with Repairable Sub-Subassemblies

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
DORAN	1 D9862A3	IBH 96104	2.0	96104	1000 8 118.0
THOMAS	1 D9862A5	IBH 96109	2.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL		TECHNICAL DIRECTIVE ID													
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
2351C00	D98	11	2	S	800	02	4.0	4.0								
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
JHHA	663223	O	3													

REPAIR CYCLE

RECD	DATE	TIME	EOC	FSCM	REMOVED/OLD ITEM	SERIAL NUMBER	FSCM	SERIAL NUMBER	INSTALLED/NEW ITEM
IN WORK	96104	0800							
COMP	96109	1000							
AWAITING MAINTENANCE HRS	PART NUMBER	REMOVED	DATE	PART NUMBER					
M8									
118.0									

MAINTENANCE/SUPPLY REC	STATUS	DATE	TIME	EOC	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES
M3	96104	0800						
IW	96104	0800			DISCREPANCY	R & R WIRING HARNESS TO		PILOT/INITIATOR
M8	96104	1000			FACILITATE REPAIR			AZ1 BOLYARD
IW	96109	0800						
JC	96109	1000			CORRECTIVE ACTION	R'd & R'd WIRING HARNESS TO FACILITATE		REPAIR

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
JHDORAN	IMBROWN	RIHARRIS	IBMERCER	RFI	BCM
JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN	
ORG DAY SER SUF	STATUS	JCN	PRI TURN-IN DDSN	HARNES(FOM) SWP4826	
A C 3 1 0 4 0 0 1	62A	3			

Figure 16-98: Facilitate Other Maintenance

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X JBASHBY

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
ALLEN/BELL	1 D9841A15	IBG 96104	8.0	96104	1200 3 356.0
NIGHTS/4	1 D9841A13	IBG 96119	16.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL		TECHNICAL DIRECTIVE ID													
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT
2350000	D98	31	2	C	301	01	24.0	8.0								
TYPE	BU/SER															
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD		
JHHA	663223	H	B													

REPAIR CYCLE												
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM				INSTALLED/NEW ITEM				
IN WORK	DATE	TIME	EOC	FSCM	SERIAL NUMBER			FSCM	SERIAL NUMBER			
COMP	96119	1200			JHHA1	663223						
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED	PART NUMBER						
M3	356.0				96104							
MAINTENANCE/SUPPLY REC				TIME/CYCLES	E1234	TIME/CYCLES						
STATUS	DATE	TIME	EOC	TIME/CYCLES				TIME/CYCLES				
M3	96104	0800										
IW	96104	0800		DISCREPANCY COMPRESSOR CASE CRACKED				PILOT/INITIATOR				
M3	96104	1200		FROM FOD. FOR INSP USE JCN AC3104A00				AZ1 SMITH				
IW	96119	0800										
JC	96119	1200		CORRECTIVE ACTION REPAIRED COMPRESSOR CASE. TEST CELL								
				TIME 1.6 HOURS.								

CORRECTED BY										INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
JHALLEN										IBDELESA	IMGREENE	ECMERCER	X	
													RFI	BCM

JOB CONTROL NUMBER				WORK	INSPT	SYSTEM/REASON				MCN
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	MCN
A	C	3104001		41A		A00	3	6104G221	663223	SWP4826
										MOM

Figure 16-99: Engine Repair Control Document (Completed MAF)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

X X

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	DATE	HOURS	DATE	TIME REASON HOURS

LOCAL USE

REFERENCE

=====

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC
-------	-----	-----	-----	-----	-----	--------	-----	------	-----	------	-----	--------	----------

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK UNIT	ACT CD	ORG	TRANS	M/L	A/T	MAL CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT CODE	BASIC NO	RV	AM	PART KIT
23500	D98	30	2												
JHHP	649300			O	T										

REPAIR CYCLE

RECD	DATE	TIME	EOC	FSCM	SERIAL NUMBER	INSTALLED/NEW ITEM	FSCM	SERIAL NUMBER
IN WORK	96030	0900		77445	649300			
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED	PART NUMBER		
				J52-P-8B	96030			
MAINTENANCE/SUPPLY REC				TIME/CYCLES	E4530	TIME/CYCLES		
STATUS	DATE	TIME	EOC	TIME/CYCLES		TIME/CYCLES		
M3	96030	0900		DISCREPANCY	BUILD-UP ENGINE TO A QECA	PILOT/INITIATOR		
						AD1 SMITH		

CORRECTIVE ACTION

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
--------------	--------------	------------	---------------	----	----

JOB CONTROL NUMBER	WORK CENTER	INSPT JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
ORG DAY SER SUF	41A		2			649300 QEC	SWP4826
D 8 8 0 3 0 0 0 1							

Figure 16-100: Supply Asset Engine Build-Up

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS      MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                   DATE   HOURS   DATE   TIME   REASON HOURS
```

LOCAL USE

REFERENCE

```
=====
FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY   PROJ   PRI   DATE ORD   REQ NO   DATE REC
```

```
FSCM           PART NUMBER
FSCM           PART NUMBER
FSCM           PART NUMBER
```

```
WORK ACT           MAL           TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P   HOURS   EMT   INT CODE BASIC NO RV AM PART KIT
2351C10           301
TYPE           BU/SER
EQUIP NUMBER   W/D T/M   POSIT   FID   SFTY/EI   METER   SE   FSCM TECH INV CD PERM CD
JHHA 663223     w    1
```

```
REPAIR CYCLE
RECD 96104 1200   FSCM   SERIAL NUMBER   INSTALLED/NEW ITEM   FSCM   SERIAL NUMBER
IN WORK 96104 1200   13416   T11061
COMP
AWAITING MAINTENANCE HRS PART NUMBER   REMOVED   PART NUMBER
.6671181   96104
TIME/CYCLES   C0931   TIME/CYCLES
MAINTENANCE/SUPPLY REC   TIME/CYCLES   TIME/CYCLES
STATUS DATE TIME EOC   TIME/CYCLES   TIME/CYCLES
A1 96104 1200
DISCREPANCY FRONT COMPRESSOR STATORS   PILOT/INITIATOR
FODDED   AD1 SMITH
CORRECTIVE ACTION
```

```
=====
CORRECTED BY   INSPECTED BY   SUPERVISOR   MAINT CONTROL   CF   QA
REQ REQ
RFI BCM
```

```
JOB CONTROL NUMBER   WORK   INSPT
ORG DAY SER SUF   CENTER   STATUS   JCN   PRI   TURN-IN   DDSN   SYSTEM/REASON   MCN
AC3104001A           6104DZ38   COMPRESSOR   SWP4826
```

Figure 16-101: Engine Component Turn-In for Repair

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE

NONE LOGS REC

X X JBASHBY

=====										
ACCUMULATED WORK HOURS					MAN	ACCUMULATED	AWM	HOURS		
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME	REASON	HOURS			
DAY/3	1 D9841A3	RIS 96106	24.0	96104	1300	3	43.0			
NIGHT/2	1 D9841A3	RIS 96106	16.0							
DAY/3	1 D9841A3	RIS 96107	24.0							
NIGHT/1	1 D9841A3	RIS 96107	16.0							
DAY/2	1 D9841A3	RIS 96108	10.0							
LOCAL USE										

REFERENCE

=====													
FAILED / REQUIRED MATERIAL													
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC
FSCM				PART NUMBER									
FSCM				PART NUMBER									
FSCM				PART NUMBER									

UNIT CD	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT
2351C10	D98	31	2	C	301	01		90.0	45.0									
TYPE	BU/SER																	
EQUIP	NUMBER																	
JHHA	663223																	
	W 1																	
REPAIR CYCLE																		
RECD	96104	1200			FSCM	SERIAL NUMBER		INSTALLED/NEW ITEM		FSCM	SERIAL NUMBER							
IN WORK	96106	0800			13416	T11061												
COMP	96108	0500																
AWAITING MAINTENANCE HRS				PART NUMBER				REMOVED		PART NUMBER								
M3	43.0				.6671181				96104									
				TIME/CYCLES				C0931		TIME/CYCLES								
MAINTENANCE/SUPPLY REC				TIME/CYCLES				TIME/CYCLES										
STATUS	DATE	TIME	EOC	TIME/CYCLES				TIME/CYCLES										
A1	96104	1200																
M3	96104	1300	DISCREPANCY				FRONT COMPRESSOR STATORS				PILOT/INITIATOR							
IW	96106	0800	FODDED				AZ1 SMITH											
JC	96108	0500																
CORRECTIVE ACTION BLENDED STATORS																		

=====																		
CORRECTED BY													INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA	
JHOATES													IBSPEAKER	SWSWANE	ECMERCER	X	RFI BCM	
JOB CONTROL NUMBER													WORK	INSPT				
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN							
AC	3104001A			41A			3	6104DZ38		COMPRESSOR	SWP4826							

Figure 16-102: Engine Component Repair (Completed)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT                       TOOLBOX/INT DATE  HOURS DATE  TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
0300600
TYPE      BU/SER
EQUIP    NUMBER   W/D T/M  POSIT   FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
JHDB     664243   O   J

```

```

REPAIR CYCLE
DATE TIME EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD          FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
IN WORK      JHDB2  664243
COMP
AWAITING MAINTENANCE HRS PART NUMBER  DATE REMOVED  PART NUMBER
96094
TIME/CYCLES E1248  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES

```

DISCREPANCY # 2 ENGINE DUE 600 HOUR INSP PILOT/INITIATOR
AZ3 SMITH

CORRECTIVE ACTION

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
REQ REQ
RFI BCM
=====
```

```

JOB CONTROL NUMBER      WORK      INSPT
ORG DAY SER SUF        CENTER  STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON  MCN
AC3094B00              6094G428  664243 MOM  SWP4826

```

Figure 16-103: Turn-In Document Solely for Major Engine Inspection

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	DATE	HOURS	DATE	TIME REASON HOURS

LOCAL USE

REFERENCE

=====

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC
-------	-----	-----	-----	-----	-----	--------	-----	------	-----	------	-----	--------	----------

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

WORK ACT	MAL	TECHNICAL DIRECTIVE ID
UNIT CD	ORG TRANS M/L A/T CODE I/P	INT CODE BASIC NO RV AM PART KIT
0301200	D98 11 2 0 000 01	0.0 0.0
TYPE	BU/SER	
EQUIP	NUMBER	W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
JHHA	663223	O J

REPAIR CYCLE

RECD	DATE	TIME	EOC	FSCM	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
IN WORK	DATE	TIME	EOC	FSCM	SERIAL NUMBER	FSCM SERIAL NUMBER
	96104	0800				
	96104	0800				

MAINTENANCE/SUPPLY REC	STATUS	DATE	TIME	EOC	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES
	M3	96104	0800					
	IW	96104	0800					

DISCREPANCY PERFORM 1200 HR MAJOR INSP PILOT/INITIATOR
PER MRC's AZ2 SMITH
CORRECTIVE ACTION

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
				REQ	REQ

RFI BCM

JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN
ORG DAY SER SUF	STATUS	JCN PRI	TURN-IN DDSN	
AC3104A00	41A	A00 3	663223 INSP	SWP4826

Figure 16-105: Control Document for Major Engine Inspection (Engine Undergoing Repair)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
JHDOE                1 D986203  JBP 96104  8.0
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
0301200  D98   11    2    0   000  00    8.0   8.0
TYPE     BU/SER
EQUIP    NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
JHHA     663223  O    J
```

```
REPAIR CYCLE
DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD  96104  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96104  0800
COMP  96104  1600  DATE
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
TIME/CYCLES  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
M3      96104  0800
IW      96104  0800  DISCREPANCY  COMPLY WITH MRC's 6, 9, 13 AND 15  PILOT/INITIATOR
JC      96104  1600
AZ1 STEELE
```

CORRECTIVE ACTION COMPLETED CARDS 6, 9, 13 AND 15

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHDOE         KRJONES        JBPOWELL    IBMERCER        REQ  REQ
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 1 0 4 A 0 0  620  3  663223 LOOK  SWP4826
```

Figure 16-106: Major Engine Inspection (Look Phase Supporting Work Center)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
MANN                1 D9841A7 SIP 96104 0.5
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
235DK D98 11 2 B 105 01 0.5 0.5
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
JHHA 663223 M 3
```

```
REPAIR CYCLE
DATE TIME EOC REMOVED/OLD ITEM INSTALLED/NEW ITEM
RECD 96104 0830 FSCM SERIAL NUMBER FSCM SERIAL NUMBER
IN WORK 96104 0830
COMP 96104 0900 DATE
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
TIME/CYCLES TIME/CYCLES
MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
M3 96104 0830 DISCREPANCY EXTERNAL OIL TUBE HOLD DOWN PILOT/INITIATOR
IW 96104 0830 BOLT ROUNDED OFF AD1 LLOYD
JC 96104 0900
CORRECTIVE ACTION REPLACED BOLT
```

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
JHMANN IMCOX SIPOTTER IBMERCER RFI BCM
=====
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
AC3104A01 41A 3 OIL TUBE BLT SWP4826
```

Figure 16-107: Major Engine Inspection (Fix-In-Place)

COMNAVAIRFORINST 4790.2B CH-1
15 Jun 2013

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X JBASHBY

=====

ACCUMULATED WORK HOURS				MAN	ACCUMULATED AWM HOURS		
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME	REASON	HOURS
HAYES	1 D9841A3 SWK	96105	1.0				
HAYES	1 D9841A3 SWK	96106	1.0				

LOCAL USE

REFERENCE

=====

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
							00001	ZQ9	03	96105	6105DZ33	96106
FSCM				PART NUMBER		123456-1						
FSCM				PART NUMBER								
FSCM				PART NUMBER								

WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
235DA00 D98 23 2 R 381 01 2.0 2.0

TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
JHHA 663223 M 2

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
				FSCM SERIAL NUMBER	FSCM SERIAL NUMBER
IN WORK	96105	0700		14386 9313	14386 6989
COMP	96106	0900			

AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
. 123456-1 96105 123456-1

MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES

M3	96105	0700			
IW	96105	0700		DISCREPANCY FUEL PUMP LEAKING	PILOT/INITIATOR
WP	96105	0800			AD2 SMITH
IW	96106	0800			
JC	96106	0900		CORRECTIVE ACTION R & R FUEL PUMP	

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
JHHAYES	IBWENKE	EMKIGER	ECMERCER	RFI	BCM

JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
A C 3 1 0 4 A 0 2 41A 3 FUEL PUMP SWP4826

Figure 16-108: Major Engine Inspection (Fix Phase Removal and Replacement of a Repairable Component)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT                      DATE  HOURS  DATE   TIME  REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
235DA00
TYPE          BU/SER
EQUIP        NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
JHHA        663223   M    2

```

REPAIR CYCLE

```

DATE TIME EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD  96105 0800  FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
IN WORK  .14386 9313

```

```

COMP
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.123456-1 96105

```

```

MAINTENANCE/SUPPLY REC  TIME/CYCLES  C1451  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
A1 96105 0800

```

DISCREPANCY FUEL PUMP LEAKING PILOT/INITIATOR
AD1SMITH

CORRECTIVE ACTION

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
REQ REQ
RFI BCM
=====
```

```

JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER SUF    CENTER  STATUS JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3104A02          6105DZ33  FUEL PUMP LK  SWP4826

```

Figure 16-109: Major Engine Inspection (Component Turn-In)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```

=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT                      DATE  HOURS DATE  TIME REASON HOURS
=====

```

```

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X JRASHBY

```

LOCAL USE

REFERENCE

```

=====
FAILED / REQUIRED MATERIAL
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC

```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
0301200 D98 11 2 0 000 01 0.0 0.0
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
JHHA 663223 O J

```

```

REPAIR CYCLE
DATE TIME EOC REMOVED/OLD ITEM INSTALLED/NEW ITEM
RECD 96104 0800 FSCM SERIAL NUMBER FSCM SERIAL NUMBER
IN WORK 96104 0800
COMP 96120 1300 DATE
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
TIME/CYCLES TIME/CYCLES
MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
M3 96104 0800 DISCREPANCY PERFORM 1200 HR MAJOR PILOT/INITIATOR
IW 96104 0800
M3 96104 1400 INSP PER MRC's AD3 SMITH
IW 96120 0800
JC 96120 1300 CORRECTIVE ACTION COMPLETED 1200 HR MAJOR INSP

```

```

=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
JHDAY KRGNADT IMMORRIS BNPOWELL RFI BCM
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
A C 3 1 0 4 A 0 0 41A A00 3 663223 INSP SWP4826

```

Figure 16-110: Major Engine Inspection Completed After Repair Action

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

=====

ACCUMULATED WORK HOURS	MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE
REASON	HOURS	TIME	REASON	HOURS

LOCAL USE
.....
REFERENCE
=====

FAILED / REQUIRED MATERIAL

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE	REC
-------	-----	-----	-----	-----	-----	--------	-----	------	-----	------	-----	--------	------	-----

FSCM PART NUMBER
FSCM PART NUMBER
FSCM PART NUMBER

WORK ACT	MAL	TECHNICAL DIRECTIVE ID
UNIT CD	ORG TRANS M/L A/T CODE I/P	HOURS EMT
INT	CODE BASIC	NO RV AM
PART	KIT	

TYPE	BU/SER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD
------	--------	-----	-----	-------	-----	---------	-------	----	------	------	-----	----	------	----

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
IN WORK				FSCM SERIAL NUMBER	FSCM SERIAL NUMBER
COMP				DATE	
AWAITING MAINTENANCE HRS	PART NUMBER	REMOVED	PART NUMBER		

MAINTENANCE/SUPPLY REC TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES
DISCREPANCY PILOT/INITIATOR
CORRECTIVE ACTION

=====

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL
--------------	--------------	------------	---------------

CF QA
REQ REQ
RFI BCM

JOB CONTROL NUMBER	WORK	INSPT	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
ORG DAY SER SUF	CENTER	STATUS	JCN				

Figure 16-114: O-Level Engine TD Compliance Request

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
MARCH                1 D9841A14 RAD 96206 1.5
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
2351P    D98   41    2    C    01    1.5  1.5  01  0154          02  00
TYPE     BU/SER
EQUIP    NUMBER    W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
JHMA     664551
. . REPAIR CYCLE
. . . . .
RECD     96206  1030  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96206  1030  77445  664551
COMP     96206  1200
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
. J52-P-8C  96206
.
. TIME/CYCLES  E1234  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
M3      96206  1030
IW      96206  1030  DISCREPANCY  COMPLY WITH PART II OF PPB #154  PILOT/INITIATOR
JC      96206  1200
. AD2 DEAN
.
. CORRECTIVE ACTION  COMPLIED WITH PPB #154 PART II
.
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
JHMARCH              IMCLARK              RADAVIS              IBMERCER              RFI  BCM
JOB CONTROL NUMBER    WORK          INSPT
ORG DAY SER SUF      CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 2 0 6 1 7 8    41A      3      3      PPB 154      SWP4826

```

Figure 16-115: O-Level Engine TD Compliance Request (Production Control Entries)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

X X

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS  DATE  TIME  REASON  HOURS
MYERS/KOONS          1  D9841A6  LLM  96355  0.0
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
FSCM  77200  PART NUMBER  02-14516  00003  ZQ9  03  96355  6355D048
FSCM  77200  PART NUMBER  MS20470AD3-3  00003  ZQ9  03  96355  6355D049
FSCM  77200  PART NUMBER  02-14548  00003  ZQ9  03  96355  6355D050
```

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
235DA00  D98  47  2          .          .          .          .          .          .          .          .          .          .          .
TYPE      BU/SER
EQUIP     NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
YEAA     000000
. . REPAIR CYCLE . . . . .
RECD     96355  0800  . FSCM  SERIAL NUMBER  . INSTALLED/NEW ITEM
IN WORK  96355  0800  . 77200  F602          . FSCM  SERIAL NUMBER
COMP
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
.023830-060-03          96355
.
. TIME/CYCLES  C1839          . TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES          . TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES          . TIME/CYCLES
M3     96355  0800  . DISCREPANCY  COMPLY WITH J52 PPC #120  PILOT/INITIATOR
IW     96355  0800  . AD2 SMITH
.
. CORRECTIVE ACTION
```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI  BCM
JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
D 8 8 3 5 5 1 6 3          41A          3          PPC120          SWP4826
```

Figure 16-117: I-Level Originated TD Compliance Request (Engine Component)

COMNAVAIRFORINST 4790.2B CH-1
15 Jun 2013

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

X X

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
MYERS/KOONS          1 D9841A6 GSS 96355 2.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
FSCM 77200 PART NUMBER 02-14516 00003 ZQ9 03 96355 6355D048 96355
FSCM 77200 PART NUMBER MS20470AD3-3 00006 ZQ9 03 96355 6355D049 96355
FSCM 77200 PART NUMBER 02-14548 00003 ZQ9 03 96355 6355D050 96355
=====
```

```
WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
235DA00 D98 47 2 C 01 2.0 1.0 02 0120 01 00
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
YEAA 000000
```

```
REPAIR CYCLE
RECD 96355 0800 FSCM SERIAL NUMBER INSTALLED/NEW ITEM
IN WORK 96355 0800 77200 F602 FSCM SERIAL NUMBER
COMP 96355 0900 77200 F602
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
.023830-060-03 96355 023830-060-04
TIME/CYCLES C1839 TIME/CYCLES C1839
MAINTENANCE/SUPPLY REC TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES
M3 96355 0800 DISCREPANCY COMPLY WITH J52 PPC #120 PILOT/INITIATOR
IW 96355 0800
JC 96355 0900 CPL SMITH
```

CORRECTIVE ACTION COMPLIED WITH J52 PPC #120 PART I

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
ABKOONS GSSLANTIS GSROY IBMERCER RFI BCM
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
D 8 8 3 5 5 1 6 3 41A 3 PPC120 SWP4826
=====
```

Figure 16-118: I-Level Originated TD Compliance (Completed)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
235D800          .          .          .          .          .          .          .          .          .          .          .          .          .
TYPE      BU/SER
EQUIP    NUMBER   W/D T/M   POSIT   FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
YEAA    000000
. . REPAIR CYCLE . . . . .
```

```
RECD          DATE  TIME  EOC  REMOVED/OLD ITEM          INSTALLED/NEW ITEM
IN WORK          . FSCM  SERIAL NUMBER          FSCM  SERIAL NUMBER
COMP          .          .          .          .          .
AWAITING MAINTENANCE HRS PART NUMBER          REMOVED          PART NUMBER
.          .          .          .          .          .          .          .          .          .
.          .          .          .          .          .          .          .          .          .
```

```
MAINTENANCE/SUPPLY REC          TIME/CYCLES          C0502          TIME/CYCLES
STATUS DATE TIME EOC          TIME/CYCLES          TIME/CYCLES          TIME/CYCLES
.          .          .          .          .          .          .          .          .          .
```

```
DISCREPANCY  COMPLY WITH PARA OF PPC #50          PILOT/INITIATOR
AMEND 1          CPL SMITH
.          .          .          .          .          .          .          .          .          .
```

```
CORRECTIVE ACTION
.          .          .          .          .          .          .          .          .          .
```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI  BCM
```

```
JOB CONTROL NUMBER          WORK          INSPT
ORG DAY SER SUF          CENTER  STATUS JCN  PRI  TURN-IN  DDSN          SYSTEM/REASON  MCN
AC3156178          PPC50 AM1          SWP4826
```

Figure 16-119: O-Level Request for TD Compliance Assist (Engine Component)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN   ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE   HOURS  DATE   TIME  REASON  HOURS
. 96163   0800       3       0.1
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
                               FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC

FSCM           PART NUMBER

FSCM           PART NUMBER

FSCM           PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
235D800  D98   47   2          .          .          .  02   0050          1   00
TYPE      BU/SER
EQUIP     NUMBER   W/D  T/M  POSIT   FID  SFTY/EI  METER  SE  FSCM TECH INV CD PERM CD
YEAA     000000
. . REPAIR CYCLE . . . . .
      DATE   TIME  EOC  .  REMOVED/OLD ITEM          INSTALLED/NEW ITEM
RECD    96163  0800  .  FSCM      SERIAL NUMBER          FSCM      SERIAL NUMBER
IN WORK 96163  0800  .  73030    768-48
COMP
AWAITING MAINTENANCE HRS PART NUMBER          REMOVED          PART NUMBER
M3          .  707675L57          96163
0.1
      .
      . TIME/CYCLES          C0502          TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES          TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES          TIME/CYCLES
M3     96163  0800
IW     96163  0800  .DISCREPANCY  COMPLY WITH PARA OF PPC #50  PILOT/INITIATOR
      .AMEND 1          AZ3 SMITH
      .
      .CORRECTIVE ACTION
      .
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI BCM
.....
JOB CONTROL NUMBER          WORK          INSPT
ORG DAY SER SUF          CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 1 5 6 1 7 8          411          3          PPC50 AM1  SWP4826

```

Figure 16-120: O-Level Request for TD Compliance Assist (AMSU/Production Control Entries)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
BROWN/PINNO          1 D984118 RSS 96163 2.0
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
235D800  D98  47  2  A  00  2.0  1.0  02  0050  1  00
TYPE  BU/SER
EQUIP  NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
YEAA  000000
. . REPAIR CYCLE
. . . . .
RECD  96163  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96163  0800  73030  768-48  73030  768-48
COMP  96163  0900
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.707675L57  96163  707675L57
.
. TIME/CYCLES C0502  TIME/CYCLES C0502
MAINTENANCE/SUPPLY REC TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES
M3  96163  0800
IW  96163  0800 DISCREPANCY COMPLY WITH PARA II OF PPC #50 PILOT/INITIATOR
JC  96163  0900 AMEND 1 AZ3 SMITH
.
. CORRECTIVE ACTION COMPLIED WITH PPC #50 AMEND 1 PARA II
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
ABBROWN      GSSAUCIER      GSSAUCIER      IBMERCER      RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
A C 3 1 5 6 1 7 8  411  3  PPC 50 AM1  SWP4826

```

Figure 16-121: O-Level Request for TD Compliance Assist (Completed)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS      MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                   DATE   HOURS   DATE   TIME   REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                           FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY   PROJ   PRI   DATE ORD   REQ NO   DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT      MAL      • TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P   HOURS EMT • INT CODE BASIC NO RV AM PART KIT
27400
TYPE      BU/SER
EQUIP     NUMBER   W/D T/M   POSIT   FID   SFTY/EI METER SE FSCM TECH INV CD PERM CD
TXAA     310021   A   B
. . REPAIR CYCLE . . . . .
```

```

RECD      DATE   TIME   EOC   • REMOVED/OLD ITEM   • INSTALLED/NEW ITEM
      • FSCM   SERIAL NUMBER   • FSCM   SERIAL NUMBER
IN WORK      • TXAA1   310021
COMP
AWAITING MAINTENANCE HRS PART NUMBER   REMOVED   • PART NUMBER
      •          96110
      •
      • TIME/CYCLES   E1234   • TIME/CYCLES
MAINTENANCE/SUPPLY REC • TIME/CYCLES   • TIME/CYCLES
STATUS DATE TIME EOC   • TIME/CYCLES   • TIME/CYCLES
```

```

DISCREPANCY ENGINE (HPC MODULE) FODDED. PILOT/INITIATOR
FOR INSP USE PE4110B00 AZ1 SMITH
CORRECTIVE ACTION
```

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF   QA
REQ REQ
RFI BCM
```

```

JOB CONTROL NUMBER      WORK      INSPT
ORG DAY SER SUF        CENTER STATUS JCN   PRI TURN-IN DDSN   SYSTEM/REASON MCN
P E 4 1 1 0 1 1 0      B00          6110G265   HPC MOD FOD   SWP4826
```

Figure 16-122: O-Level Turn-In Control Document for Engine Repair (Modular Engine)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED AWM HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS DATE TIME REASON HOURS
BICE	1 D9841U4	RIC 96110	1.0
BICE	1 D9841U6	RIC 96112	1.0

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
H	X		R	070		00001	ZQ9	03		96110	6110DZ38	96112
	FSCM	99207		PART NUMBER		4064T35607						
	FSCM			PART NUMBER								
	FSCM			PART NUMBER								

UNIT CD	ACT	ORG	TRANS	M/L	A/T	MAL	CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
2747H	D98	12	2	C	070	01			2.0	2.0										
TXAA	310021		W	3																

REPAIR CYCLE											
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM						
	96110	0800		FSCM SERIAL NUMBER	FSCM SERIAL NUMBER						
IN WORK	96110	0800									
COMP	96112	0900		DATE							
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED	PART NUMBER					
MAINTENANCE/SUPPLY REC				TIME/CYCLES	TIME/CYCLES						
STATUS	DATE	TIME	EOC	TIME/CYCLES	TIME/CYCLES						
M3	96110	0800									
IW	96110	0800		DISCREPANCY FUEL INLET TUBE ASSY BROKEN	PILOT/INITIATOR						
WP	96110	0900			AD3 DEAN						
IW	96112	0800									
JC	96112	0900		CORRECTIVE ACTION REPLACED FUEL INLET TUBE ASSY							

CORRECTED BY										CF	QA	
INSPECTED BY				SUPERVISOR			MAINT CONTROL			REQ	REQ	
JHBICE				IMCOX			IBMOSHER			RFI	BCM	
JOB CONTROL NUMBER				WORK	INSPT					MCN		
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN	
P	E	4	1	1	0	1	1	0	1	FUEL TUBE	SWP4826	

Figure 16-124: Fix-In-Place (Requiring Material)

COMNAVAIRFORINST 4790.2B CH-1
15 Jun 2013

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)

=====										
ACCUMULATED WORK HOURS						MAN	ACCUMULATED AWM HOURS			
NAME/SHIFT	TOOLBOX/INT			DATE	HOURS	DATE	TIME	REASON	HOURS	
WILSON	1	D9841U5	TLK	96110	0.5					
WILSON	1	D9841U4	TLK	96111	0.5					

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X AJSTYLES

LOCAL USE

REFERENCE

=====												
FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
							00001	ZQ9	03	96110	4110DZ29	96111
FSCM	99207			PART NUMBER		4064T97G03						
FSCM				PART NUMBER								
FSCM				PART NUMBER								

WORK UNIT	ACT CD	ORG	TRANS	M/L	A/T	MAL CODE	I/P	HOURS	EMT	TECHNICAL DIRECTIVE ID	INT CODE	BASIC NO	RV	AM	PART KIT
27473	D98	23	2	R	381	01		1.0	1.0						

EQUIP TYPE	BU/SER	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV CD	PERM CD
TXAA	310021		W	2									

REPAIR CYCLE

RECD	DATE	TIME	EOC	REMOVED/OLD ITEM	INSTALLED/NEW ITEM
IN WORK	96110	0800		FSCM SERIAL NUMBER .99207 16	FSCM SERIAL NUMBER .99207 17
COMP	96111	0830			

AWAITING MAINTENANCE HRS	PART NUMBER	REMOVED	PART NUMBER
	4064T97G03	96110	4064T97G03

MAINTENANCE/SUPPLY REC	STATUS	DATE	TIME	EOC	TIME/CYCLES	TIME/CYCLES	TIME/CYCLES
M3		96110	0800				
IW		96110	0800		DISCREPANCY	FUEL PUMP LEAKING	PILOT/INITIATOR
WP		96110	0830				AD3 DEAN
IW		96111	0800				
JC		96111	0830				

CORRECTIVE ACTION R & R FUEL PUMP

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
JHWILSON	IMBELL	TLKEYS	IBMOSHER	RFI	BCM

JOB CONTROL NUMBER	WORK CENTER	INSPT STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
PE41101101A	41U			3			FUEL PUMP	SWP4826

Figure 16-125: Removal/Replacement of a Repairable Subassembly with No Repairable Subassemblies

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
KILSO/FISHER	1 D9841U10	TLK 96110	4.0		
KILSO/FISHER	1 D9841U2	TLK 96114	4.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
						00001	ZQ9	03		96110	4110DZ87	96114
FSCM	99207			PART NUMBER		6046T13G01						
FSCM				PART NUMBER								
FSCM				PART NUMBER								

WORK ACT	M/L		A/T	MAL	HOURS		EMT	TECHNICAL DIRECTIVE ID						
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO RV	AM	PART KIT
27420	D98	23	2	R	301	01	8.0	4.0						
TYPE	BU/SER													
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV CD	PERM CD		
TXAA	310021	W	1											
REPAIR CYCLE														
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM		INSTALLED/NEW ITEM								
IN WORK	96110	0800		FSCM	SERIAL NUMBER	FSCM	SERIAL NUMBER							
COMP	96114	1000		.99207	317021	.99207	317031							
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED	PART NUMBER								
				.6046T13G01	96110	.6046T13G01								
				TIME/CYCLES	C0645	TIME/CYCLES	C0001							
MAINTENANCE/SUPPLY REC				TIME/CYCLES		TIME/CYCLES								
STATUS	DATE	TIME	EOC	TIME/CYCLES		TIME/CYCLES								
M3	96110	0800												
IW	96110	0800		DISCREPANCY	HPC MODULE HAS COMPRESSOR	PILOT/INITIATOR								
WP	96110	1000		ROTOR ASSY DAMAGED		AD3 DEAN								
IW	96114	0800												
JC	96114	1000												
CORRECTIVE ACTION R & R HPC MODULE														

CORRECTED BY													CF	QA
INSPECTED BY				SUPERVISOR				MAINT CONTROL				REQ	REQ	
JHSMITH				IMROY				TLROLLINS				IBMOSHER	RFI	BCM
JOB CONTROL NUMBER			WORK	INSPT										
ORG	DAY	SER	SUF	CENTER	STATUS	JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON		MCN		
PE	4110110A			41U			3			HPC MODULE		SWP4826		

Figure 16-126: Removal/Replacement of a Repairable Module/Component with Repairable Sub-Subassemblies

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                      DATE   HOURS   DATE   TIME   REASON HOURS
=====
LOCAL USE
.....
REFERENCE
=====
INDEX   F/P   AWP   A/T   MAL   REF   SYMBOL   QTY   PROJ   PRI   DATE   ORD   REQ NO   DATE REC
=====
FSCM           PART NUMBER
FSCM           PART NUMBER
FSCM           PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P   HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
27400   D98   31    2    C    301   01     0.0   0.0  .
TYPE    BU/SER
EQUIP   NUMBER   W/D  T/M   POSIT   FID   SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
TXAA   310021   A    B
. . REPAIR CYCLE . . . . .
RECD   96110   0800   FSCM   SERIAL NUMBER   FSCM   SERIAL NUMBER
IN WORK 96110   0800   TXAA1   310021
COMP   96116   1000
AWAITING MAINTENANCE HRS PART NUMBER   REMOVED   PART NUMBER
          .           96110
          .
          . TIME/CYCLES   E1234   . TIME/CYCLES
MAINTENANCE/SUPPLY REC . TIME/CYCLES   . TIME/CYCLES
STATUS DATE TIME EOC   TIME/CYCLES   . TIME/CYCLES
M3     96110   0800
IW     96110   0800   DISCREPANCY  ENGINE (HPC MODULE) FODDED.   PILOT/INITIATOR
M3     96110   1200   FOR INSP USE JCN PE4110B00   AD3 SMITH
IW     96116   0800
JC     96116   1000
CORRECTIVE ACTION  REPAIRED FODDED ENGINE BY REPLACEMENT
OF HPC MODULE. TEST CELL TIME 1.6 HRS

=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
JHROY             IBCOX             RIMULLEN        ECMERCER           X  REQ REQ
RFI  BCM

JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
PE 4110110      41U      B00  3  6110G265  310021 MOM  SWP4826

```

Figure 16-127: Engine Repair Control Document (Completed)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT                      DATE  HOURS  DATE   TIME  REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
27420          301
TYPE          BU/SER
EQUIP        NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM TECH INV CD PERM CD
TXAX        317021  W   1

```

```

. . REPAIR CYCLE
RECD  DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK 96110 1000  FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
COMP .99207 317021
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.6046T13G01 96110
.
. TIME/CYCLES C0645 . TIME/CYCLES
MAINTENANCE/SUPPLY REC . TIME/CYCLES . TIME/CYCLES
STATUS DATE TIME EOC . TIME/CYCLES . TIME/CYCLES
A1 96110 1000
DISCREPANCY HPC MODULE HAS COMPRESSOR PILOT/INITIATOR
. ROTOR ASSY DAMAGED AD2 DEAN
.
CORRECTIVE ACTION

```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI BCM
=====
```

```

JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER SUF    CENTER  STATUS JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
PE4411011A          6112DZ87  317021 MOM  SWP4826

```

Figure 16-128: Turn-In of Repairable Module with Repairable Sub-Subassemblies

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS
NAME/SHIFT          TOOLBOX/INT  MAN  ACCUMULATED  AWM  HOURS
                    DATE        HOURS DATE    TIME REASON HOURS
POWELL              1  D9841U7  AFS  96112        4.0
MORSE               1  D9841U9  AFS  96115        4.0
.
.
.
LOCAL USE
.
.
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
.
.
.
FSCM  99207  PART NUMBER  6027T11G04
.
FSCM  PART NUMBER
.
FSCM  PART NUMBER
.
.
.
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
2742200  D98  23    2    R    301  01    8.0    8.0
.
TYPE  BU/SER
EQUIP  NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
TXAX  317021  W    1
.
.
REPAIR CYCLE
.
.
.
RECD  96112  0800  FSCM  SERIAL NUMBER  INSTALLED/NEW ITEM
IN WORK 96112  0800  .99207  OK2211  FSCM  SERIAL NUMBER
COMP  96115  1200  .
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.6027T11G04  96112  .6027T11G04
.
.
.
TIME/CYCLES  C0395  TIME/CYCLES  C0001
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
M3  96112  0800
IW  96112  0800  DISCREPANCY  HPC COMPRESSOR ROTOR  PILOT/INITIATOR
WP  96112  1200  SUBASSEMBLY DAMAGED  AD3 DEAN
IW  96115  0800
JC  96115  1200
.
CORRECTIVE ACTION  R & R HPC COMPRESSOR ROTOR ASSY
.
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
NNMORSE  AFSMITH  AFSMITH  IBMOSHER  RFI  BCM
.
.
.
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
PE4110110AA  41U  3  ROTOR ASSY  SWP4826

```

Figure 16-129: Removal/Replacement of a Repairable Sub-Subassembly from a Module

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS
NAME/SHIFT          TOOLBOX/INT  MAN  ACCUMULATED  AWM  HOURS
HOURS  DATE      HOURS  DATE  TIME  REASON  HOURS
BRUSH                1  D9841U7  KRL  96112  1.0  96112  0830  3  95.5
COLTON               1  D9841U9  KRL  96116  1.0
=====
LOCAL USE
REFERENCE
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ  NO  DATE  REC
=====
FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK  ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
27420  D98  31  2  C  301  01  2.0  1.0
TYPE  BU/SER
EQUIP  NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
TXAX  317021  W  1
. . REPAIR CYCLE
DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD  96110  1000  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96112  0800  .99207  317021
COMP  96116  1000
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
M3  .6046T13G01  96112
95.5
TIME/CYCLES  C0645  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
A1  96110  1000
M3  96112  0800  DISCREPANCY  HPC MODULE HAS COMPRESSOR  PILOT/INITIATOR
IW  96112  0800  ROTOR ASSY DAMAGED  AD3 SMITH
M3  96112  0830
IW  96116  0800
JC  96116  0830  CORRECTIVE ACTION  REPAIRED DAMAGE BY R & R'ING HPC
COMPRESSOR ROTOR ASSY
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHCOLTON  IBJAMES  KRLOWE  ECMERCER  X  REQ  REQ
RFI  BCM
=====
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
PE4110110A  41U  3  6110DZ87  317021 MOM  SWP4826

```

Figure 16-130: Module Repair (Completed)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT                       TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P  AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
2742200
TYPE          BU/SER
EQUIP        NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
TXAX        317021  W   1

```

```

. . REPAIR CYCLE . . . . .
RECD  DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK 96112 1200  FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
COMP . 99207 OK2211
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
.6027T11G04 96112
.
. TIME/CYCLES C0395 . TIME/CYCLES
MAINTENANCE/SUPPLY REC . TIME/CYCLES . TIME/CYCLES
STATUS DATE TIME EOC . TIME/CYCLES . TIME/CYCLES
A1 96112 1200
DISCREPANCY HPC COMPRESSOR ROTOR PILOT/INITIATOR
SUBASSEMBLY DAMAGED AD3 SMITH
CORRECTIVE ACTION

```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI BCM
```

```

JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER SUF    CENTER  STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON MCN
PE4110110AA          4112DZ38  ROTOR ASSY  SWP4826

```

Figure 16-131: Turn-In of Repairable Sub-Subassembly from a Repairable Component

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
POWELL/MORSE          1  D984114  KRB  96114    3.0
POWELL/MORSE          1  D984114  KRB  96116    3.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
H      X   X   R   301          00001  ZQ9   03   96114  6114D268  96116
      FSCM  99207  PART NUMBER  4062T15P01
      FSCM          PART NUMBER
      FSCM          PART NUMBER
=====
```

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE BASIC  NO  RV  AM  PART  KIT
2742200  D98   32    2    C   301  01    6.0   3.0
TYPE      BU/SER
EQUIP     NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
TXAX      317021  W    1
```

```
REPAIR CYCLE
DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD  96112  1200  FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
IN WORK  96114  0800  .99207  OK2211
COMP  96116  1030
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
.6027T11G04  96112
TIME/CYCLES  C0395  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
A1      96112  1200
M3      96114  0800  DISCREPANCY  HPC COMPRESSOR ROTOR  PILOT/INITIATOR
IW      96114  0800  SUBASSEMBLY DAMAGED  AD2 DEAN
WP      96114  0930
IW      96116  0900
JC      96116  1030  CORRECTIVE ACTION  REPAIRED HPC COMPRESSOR ROTOR ASSY
BY REPLACING SPOOL COMP STAGES 1-2
```

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
BNPOWELL      KRBOOTH      DLJONES      RBARGY          X  REQ REQ
RFI  BCM
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
PE4110110AA      411      3  4112DZ38  ROTOR ASSY  SWP4826
=====
```

Figure 16-132: Repair of a Repairable Component with Required Material

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT                      DATE  HOURS  DATE   TIME  REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P  AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
2742220          301
TYPE      BU/SER
EQUIP    NUMBER  W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
TXAX    317021  W   1

```

```

. . REPAIR CYCLE . . . . .
RECD  96114  1200  . FSCM  SERIAL NUMBER  . INSTALLED/NEW ITEM
IN WORK          .99207  TG3718          . FSCM  SERIAL NUMBER
COMP          .          DATE          .
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  . PART NUMBER
.4062T15P01          96114  .
.          .          C0227          . TIME/CYCLES
MAINTENANCE/SUPPLY REC  .TIME/CYCLES          . TIME/CYCLES
STATUS DATE TIME EOC  .TIME/CYCLES          . TIME/CYCLES
A1      96114  1200  .DISCREPANCY  SPOOL COMP STAGE 1-2 F0DDED  PILOT/INITIATOR
.          .          AD3 SMITH
.          .
. CORRECTIVE ACTION
.

```

```
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ REQ
RFI  BCM
=====
```

```

JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER SUF    CENTER  STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON  MCN
PE4411011AB          6114D268  SPOOL COMP  SWP4826

```

Figure 16-133: Turn-In of a Repairable Component Sub-Subassemblies

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
POWELL/MORSE	1 D984116	KRB 96114	2.0	96114	1500 3 1.0
POWELL/MORSE	1 D984115	KRB 96116	2.0		

LOCAL USE

REFERENCE

INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE	ORD	REQ NO	DATE REC
H	X	X	R	301			00016	ZQ9	03	96114		6114D096	96116
	FSCM	99207		PART NUMBER		6026T26P03							
I	X	X	R	301			00017	ZQ9	03	96114		6114D097	96116
	FSCM	99207		PART NUMBER		6024T30P03							
	FSCM			PART NUMBER									

WORK ACT	MAL	TECHNICAL DIRECTIVE ID															
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
2742200	D98	32	2	C	301	01	4.0	2.0									
TYPE	BU/SER																
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD			
TXAX	317021	W	1														
REPAIR CYCLE																	
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM			INSTALLED/NEW ITEM										
IN WORK	96114	1200		FSCM	SERIAL NUMBER			FSCM	SERIAL NUMBER								
COMP	96114	1600		99207	TG3718												
AWAITING MAINTENANCE HRS	96116	1000			DATE												
M3				PART NUMBER	REMOVED	PART NUMBER											
1.0				4062T15P01	96114												
						C0227				TIME/CYCLES							
MAINTENANCE/SUPPLY REC						TIME/CYCLES				TIME/CYCLES							
STATUS	DATE	TIME	EOC	TIME/CYCLES				TIME/CYCLES									
A1	96114	1200															
M3	96114	1500		DISCREPANCY	SPOOL COMP STAGES 1-2 FODDED							PILOT/INITIATOR					
IW	96114	1600															
WP	96114	1700															
IW	96116	0900															
JC	96116	1000		CORRECTIVE ACTION R & R'D 16 BLADES ON SPOOL STAGE 1 AND													
				17 BLADES ON STAGE 2													

CORRECTED BY	INSPECTED BY	SUPERVISOR	MAINT CONTROL	CF	QA
BNPOWELL	CVSNYDER	ALMARTIN	DLJONES	X	REQ REQ
					RFI BCM
JOB CONTROL NUMBER	WORK CENTER	INSPT	SYSTEM/REASON	MCN	
ORG DAY SER SUF	STATUS	JCN	TURN-IN DDSN	SPOOL COMP	SWP4826
PE4110110AB	411	3	6114D268		

Figure 16-134: Repair of a Sub-Subassembly from a Component Subassembly (Completed)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X AJSTYLES

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
POWELL              1 D9841U7 AFS 96152 4.0
MORSE               1 D9841U9 AFS 96153 4.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
FSCM 99207 PART NUMBER 6027T11G04 00001 ZQ9 03 96152 6152DZ38 96153
FSCM PART NUMBER
FSCM PART NUMBER
=====
```

```
WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
2742200 D98 32 2 R 301 01 8.0 8.0
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
TXAX 317021 W 1
```

```
REPAIR CYCLE
RECD DATE TIME EOC REMOVED/OLD ITEM INSTALLED/NEW ITEM
IN WORK 96152 1300 FSCM SERIAL NUMBER FSCM SERIAL NUMBER
COMP 96153 1200 OK2211 99207 OK2232
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
6027T11G04 96152 6027T11G04
TIME/CYCLES C0395 TIME/CYCLES C0001
MAINTENANCE/SUPPLY REC TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
M3 96152 1300 DISCREPANCY HPC COMPRESSOR ROTOR PILOT/INITIATOR
WP 96152 1300 SUBASSEMBLY DAMAGED AD3 DEAN
IW 96152 1700
IW 96153 0800
JC 96153 1200
CORRECTIVE ACTION R & R'D HPC COMPRESSOR ROTOR ASSY
```

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
NNMORSE AFSMITH AFSMITH IBMOSHER RFI BCM
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
PE4150C02A 41U 3 ROTOR ASSY SWP4826
=====
```

Figure 16-135: Removal/Replacement of a Repairable Sub-Subassembly from a Module

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME  REASON  HOURS
.
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
                               FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC

      FSCM          PART NUMBER

      FSCM          PART NUMBER

      FSCM          PART NUMBER

      WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P  HOURS  EMT INT CODE BASIC NO RV AM PART KIT
2742200          301
TYPE      BU/SER
EQUIP     NUMBER    W/D T/M  POSIT  FID  SFTY/EI  METER  SE FSCM TECH INV CD PERM CD
TXAX     317021    W   1
. . REPAIR CYCLE
      DATE TIME EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD     96152  1700  FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
IN WORK          .99207  OK2211
COMP
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
          .6027T11G04  96152
          .
          .TIME/CYCLES  C0395  .TIME/CYCLES
MAINTENANCE/SUPPLY REC  .TIME/CYCLES  .TIME/CYCLES
STATUS DATE TIME EOC  .TIME/CYCLES  .TIME/CYCLES
A1     96152  1700
          DISCREPANCY  HPC COMPRESSOR ROTOR  PILOT/INITIATOR
          SUBASSEMBLY DAMAGED  AD3 SMITH
          .
          CORRECTIVE ACTION
          .
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF  QA
REQ  REQ
RFI  BCM
.....
JOB CONTROL NUMBER    WORK          INSPT
ORG DAY SER SUF      CENTER  STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON  MCN
PE4150C02A          6152DZ38  ROTOR ASSY  SWP4826

```

Figure 16-136: Turn-In of a Repairable Sub-Subassembly from a Module

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X AJSTYLES

```
=====
ACCUMULATED WORK HOURS          MAN  ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS  DATE  TIME  REASON  HOURS
TRACY/WILLIS          1  D984503  IMJ  96154  4.0  96154  0800    8    101.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX  F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
0300200  D98   11    2    0   000  00    4.0   2.0
TYPE      BU/SER
EQUIP     NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV  CD  PERM  CD
TXAA     310021  O    J
=====
```

```

REPAIR CYCLE
DATE  TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD  96150  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK  96154  1300
COMP  96154  1500  DATE
AWAITING MAINTENANCE HRS  PART NUMBER  REMOVED  PART NUMBER
M8
101.0
TIME/CYCLES  TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS  DATE  TIME  EOC  TIME/CYCLES  TIME/CYCLES
M8  96150  0800
IW  96154  1300  DISCREPANCY  COMPLY WITH MRC's 16 AND 17  PILOT/INITIATOR
JC  96154  1500  ENGINE TEST CELL RUN CARDS  CPL STEELE
CORRECTIVE ACTION  COMPLETED CARDS 16 AND 17
ENGINE RAN GOOD. TEST CELL TIME 1.9 HOURS
=====
```

```
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
JHWILLIS      KRDEVALL      IMJONES      IBMERCER      RFI  BCM
=====
JOB CONTROL NUMBER  WORK  INSPT
ORG  DAY  SER  SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
PE  4  1  5  0  C  0  0  450  C00  3  310021  RUN  SWP4826
=====
```

Figure 16-139: Major Modular Engine Inspection (Look Phase Supporting Work Center) (Engine Test Cell Run)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
HARPER              1 D9841U12 PSC 96151 0.3
.
.
.
.
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
              FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
H       X           R   381           00001
      FSCM 12345   PART NUMBER 987654-3
.
      FSCM           PART NUMBER
.
      FSCM           PART NUMBER
.
      WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P  HOURS  EMT INT CODE BASIC NO RV AM PART KIT
2747G   D98  12   2   C   381  01    0.3  0.3
TYPE    BU/SER
EQUIP   NUMBER   W/D T/M  POSIT  FID  SFTY/EI METER SE FSCM TECH INV CD PERM CD
TXAA    310021   W   2
. . REPAIR CYCLE
      DATE TIME EOC   REMOVED/OLD ITEM   INSTALLED/NEW ITEM
RECD    96151 0800   FSCM SERIAL NUMBER   FSCM SERIAL NUMBER
IN WORK 96151 0800
COMP    96151 0815
AWAITING MAINTENANCE HRS PART NUMBER   REMOVED   PART NUMBER
.
.
.
      TIME/CYCLES
MAINTENANCE/SUPPLY REC   TIME/CYCLES
      TIME/CYCLES
STATUS DATE TIME EOC   TIME/CYCLES
M3     96151 0800
IW     96151 0800   DISCREPANCY ENGINE OIL TANK HAS SMALL PILOT/INITIATOR
JC     96151 0815   LEAK AT BOLT AD1 DEAN
.
.
.
CORRECTIVE ACTION REPLACED GASKET UNDER BOLT. FIXED LEAK
.
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF QA
JHHARPER             PSCROOK             PSCROOK             IBMOSHER             REQ REQ
RFI BCM
.
.
.
JOB CONTROL NUMBER    WORK          INSPT
ORG DAY SER SUF      CENTER STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON MCN
PE4150C01            41U          3          3          OIL TANK      SWP4826

```

Figure 16-140: Major Engine Inspection (Fix-In-Place)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X AJSTYLES

ACCUMULATED WORK HOURS		MAN	ACCUMULATED	AWM	HOURS
NAME/SHIFT	TOOLBOX/INT	DATE	HOURS	DATE	TIME REASON HOURS
BALL	1 D9841U3	RIP 96151	4.0		
BOX	1 D9841U5	RIP 96153	4.0		

LOCAL USE

REFERENCE

FAILED / REQUIRED MATERIAL												
INDEX	F/P	AWP	A/T	MAL	REF	SYMBOL	QTY	PROJ	PRI	DATE ORD	REQ NO	DATE REC
						00001		ZQ9	03	96151	6151D279	96153
	FSCM	99207		PART NUMBER		6046T12G01						
	FSCM			PART NUMBER								
	FSCM			PART NUMBER								

WORK ACT	MAL		TECHNICAL DIRECTIVE ID														
UNIT CD	ORG	TRANS	M/L	A/T	CODE	I/P	HOURS	EMT	INT	CODE	BASIC	NO	RV	AM	PART	KIT	
27420	D98	23	2	R	780	01	8.0	8.0									
TYPE	BU/SER																
EQUIP	NUMBER	W/D	T/M	POSIT	FID	SFTY/EI	METER	SE	FSCM	TECH	INV	CD	PERM	CD			
TXAA	310021	M	2														
REPAIR CYCLE																	
RECD	DATE	TIME	EOC	REMOVED/OLD ITEM				INSTALLED/NEW ITEM									
IN WORK	96151	0800		FSCM	SERIAL NUMBER			FSCM	SERIAL NUMBER								
COMP	96153	1200		.99207	317021			.99207	317033								
AWAITING MAINTENANCE HRS				PART NUMBER	REMOVED			PART NUMBER									
				.6046T12G01	96151			.6046T12G01									
					C1787			C0001									
MAINTENANCE/SUPPLY REC				TIME/CYCLES			TIME/CYCLES										
STATUS				DATE	TIME	EOC	TIME/CYCLES										
M3	96151	0800		DISCREPANCY HPC MODULE IS WARPED										PILOT/INITIATOR			
IW	96151	0800												AD1 DEAN			
WP	96151	1200															
IW	96153	0800															
JC	96153	1200															
CORRECTIVE ACTION R & R'd HPC MODULE																	

CORRECTED BY													CF	QA				
INSPECTED BY				SUPERVISOR				MAINT CONTROL					REQ	REQ				
JHBALL				ACFLETCHER				RIPOWELL					IBMOSHER	RFI	BCM			
JOB CONTROL NUMBER				WORK				INSPT										
ORG DAY SER SUF				CENTER				STATUS					JCN	PRI	TURN-IN	DDSN	SYSTEM/REASON	MCN
PE4150C02				41U									3			R/R HPC MOD	SWP4826	

Figure 16-141: Major Engine Inspection (Fix Phase Module Replacement)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT                       TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
FAILED / REQUIRED MATERIAL
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```
WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
27420
```

```
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
TXAX 317021 M 2
```

REPAIR CYCLE

```
RECD 96151 1200 FSCM SERIAL NUMBER INSTALLED/NEW ITEM
IN WORK .99207 317021 FSCM SERIAL NUMBER
```

```
COMP DATE
AWAITING MAINTENANCE HRS PART NUMBER REMOVED PART NUMBER
.6046T12G01 96151
```

```
MAINTENANCE/SUPPLY REC TIME/CYCLES C1787 TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
```

```
A1 96151 1200 DISCREPANCY HPC MODULE IS WARPED PILOT/INITIATOR
AD3 SMITH
```

CORRECTIVE ACTION

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
RFI BCM
```

```
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
PE4150C02 6151D279 HPC MODULE SWP4826
```

Figure 16-142: Major Engine Inspection (Module Turn-In)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

```
=====
ACCUMULATED WORK HOURS      MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                   DATE   HOURS   DATE   TIME   REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                           FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

FSCM PART NUMBER

FSCM PART NUMBER

FSCM PART NUMBER

```

WORK ACT      MAL      TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
27473
TYPE      BU/SER
EQUIP     NUMBER   W/D T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM TECH INV CD PERM CD
TXAA      310021   M    2
. . REPAIR CYCLE . . . . .
```

```

RECD      DATE   TIME  EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
IN WORK   96152  0830  . FSCM SERIAL NUMBER  . FSCM SERIAL NUMBER
COMP      .
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.4064T97G03  96152
.
```

```

MAINTENANCE/SUPPLY REC  TIME/CYCLES  C1287  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
A1      96152  0830  . DISCREPANCY MAIN FUEL PUMP LEAKING  PILOT/INITIATOR
.                                             AD3 DEAN
.
CORRECTIVE ACTION
.
```

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
REQ REQ
RFI BCM
```

```

JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF    CENTER STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON MCN
PE 4150C 03      6152D222  FUEL PUMP LK  SWP4826
```

Figure 16-144: Major Engine Inspection (Fix Phase Component Turn-In)

N2R22502
MCN
SWP4826

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC

VIDS/MAF OPNAV 4790/60 (REV 2-82)

```
=====
ACCUMULATED WORK HOURS      MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                   TOOLBOX/INT DATE   HOURS . DATE   TIME REASON HOURS
=====
```

LOCAL USE

REFERENCE

```
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC
=====
```

```
FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER
```

```
WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P  HOURS  EMT  INT CODE BASIC NO RV AM PART KIT
27420
TYPE          BU/SER
EQUIP        NUMBER   W/D T/M   POSIT   FID  SFTY/EI  METER SE FSCM TECH INV CD PERM CD
TXAX        317045
```

```
REPAIR CYCLE
DATE TIME EOC  REMOVED/OLD ITEM  INSTALLED/NEW ITEM
RECD          FSCM SERIAL NUMBER  FSCM SERIAL NUMBER
IN WORK
COMP          DATE
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
TIME/CYCLES
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
DISCREPANCY  COMPLY WITH F404 PPC #22 REV A  PILOT/INITIATOR
PSSN 310026  AZ2 SMITH
CORRECTIVE ACTION
```

```
=====
CORRECTED BY      INSPECTED BY      SUPERVISOR      MAINT CONTROL      CF  QA
REQ REQ
RFI BCM
JOB CONTROL NUMBER  WORK          INSPT
ORG DAY SER SUF    CENTER  STATUS JCN  PRI TURN-IN DDSN  SYSTEM/REASON  MCN
P E 4 1 0 4 1 1 0  PPC 22 REV A  SWP4826
```

Figure 16-146: O-Level Activity Request for a Modular Engine TD Compliance by I-Level Activity

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN   ACCUMULATED AWM HOURS
NAME/SHIFT                       DATE   HOURS   DATE   TIME   REASON HOURS
=====
LOCAL USE
REFERENCE
=====
INDEX   F/P   AWP   A/T   MAL REF SYMBOL QTY   PROJ   PRI   DATE ORD   REQ NO   DATE REC
=====
FSCM           PART NUMBER
FSCM           PART NUMBER
FSCM           PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG TRANS M/L A/T CODE I/P   HOURS   EMT   INT CODE BASIC NO RV AM PART KIT
27420   D98   41   2          .          .          .   02   0022   A          A1
TYPE    BU/SER
EQUIP   NUMBER   W/D T/M   POSIT   FID   SFTY/EI   METER SE FSCM TECH INV CD PERM CD
TXAX    317045
. . REPAIR CYCLE . . . . .
RECD    DATE   TIME EOC   REMOVED/OLD ITEM   INSTALLED/NEW ITEM
IN WORK 96104  0800   FSCM   SERIAL NUMBER     FSCM   SERIAL NUMBER
COMP
AWAITING MAINTENANCE HRS PART NUMBER   REMOVED   PART NUMBER
M3
0.0
MAINTENANCE/SUPPLY REC   TIME/CYCLES   TIME/CYCLES
STATUS DATE TIME EOC   TIME/CYCLES   TIME/CYCLES
M3    96104  0800
DISCREPANCY COMPLY WITH F404 PPC #22 REV A   PILOT/INITIATOR
PSSN 310026   AZZ SMITH
CORRECTIVE ACTION
=====
CORRECTED BY   INSPECTED BY   SUPERVISOR   MAINT CONTROL   CF   QA
REQ   REQ
RFI   BCM
JOB CONTROL NUMBER   WORK   INSPT
ORG DAY SER SUF     CENTER STATUS JCN   PRI TURN-IN DDSN   SYSTEM/REASON MCN
PE 4104110         41U   UP     3           PPC 22 REV A   SWP4826

```

Figure 16-147: Production Control Entries (O-Level Activity Request for TD Compliance)


```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
WILCOX              1 D9841U3 RIC 96104 1.5
.
.
.
.
LOCAL USE
.
.
REFERENCE
=====
                          FAILED / REQUIRED MATERIAL
INDEX   F/P   AWP  A/T  MAL REF SYMBOL QTY  PROJ  PRI  DATE ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
27420 D98 47 2 C 01 1.5 0.5 02 0106 01
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
TXAX 312021
. . REPAIR CYCLE
. . . . .
RECD 96104 0800 . FSCM SERIAL NUMBER . FSCM SERIAL NUMBER
IN WORK 96104 0800 .99207 312021 .99207 312021
COMP 96104 0930 . DATE
AWAITING MAINTENANCE HRS PART NUMBER REMOVED . PART NUMBER
.6046T11G01 96104 .6046T11G01-1
.
. TIME/CYCLES E1421 . TIME/CYCLES E1421
MAINTENANCE/SUPPLY REC . TIME/CYCLES . TIME/CYCLES
STATUS DATE TIME EOC . TIME/CYCLES . TIME/CYCLES
M3 96104 0800 . DISCREPANCY COMPLY WITH PPC #06 PPSN 310026 PILOT/INITIATOR
IW 96104 0800 . AZ3 SMITH
JC 96104 0930 .
.
. CORRECTIVE ACTION COMPLIED WITH PPC #106
.
=====
CORRECTED BY          INSPECTED BY          SUPERVISOR          MAINT CONTROL          CF QA
ABWILCOX          GSMURRY          RICLAUSEN          IBMERCER          X REQ REQ
RFI BCM

JOB CONTROL NUMBER          WORK          INSPT
ORG DAY SER SUF          CENTER STATUS JCN PRI TURN-IN DDSN          SYSTEM/REASON MCN
P E 4 1 0 4 1 1 0          41U UP 3 3          PPC106          SWP4826

```

Figure 16-149: TD Compliance (Applies to a Module With P/N Change)

```

N2R22502
MCN
SWP4826
VIDS/MAF OPNAV 4790/60 (REV 2-82)
=====
ACCUMULATED WORK HOURS          MAN   ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT  DATE  HOURS DATE  TIME REASON HOURS
WILCOX              1  D9841U6  RIC  96104  1.5 .
.
.
.
.
.
LOCAL USE
.....
REFERENCE
=====
INDEX   F/P  AWP  A/T  MAL  REF  SYMBOL  QTY  PROJ  PRI  DATE  ORD  REQ NO  DATE REC

FSCM          PART NUMBER
FSCM          PART NUMBER
FSCM          PART NUMBER

WORK ACT          MAL          TECHNICAL DIRECTIVE ID
UNIT CD  ORG  TRANS  M/L  A/T  CODE  I/P  HOURS  EMT  INT  CODE  BASIC  NO  RV  AM  PART  KIT
2742200  D98  47  2  C  01  1.5  1.5  01  0008  B  00
TYPE  BU/SER
EQUIP  NUMBER  W/D  T/M  POSIT  FID  SFTY/EI  METER  SE  FSCM  TECH  INV CD  PERM CD
YEAA  000000
. . REPAIR CYCLE
. . . . .
RECD  96104  0800  FSCM  SERIAL NUMBER  FSCM  SERIAL NUMBER
IN WORK 96104  0800  .06858  AF0034  .06858  AF0034
COMP  96104  0900
AWAITING MAINTENANCE HRS PART NUMBER  REMOVED  PART NUMBER
.6050T12G001  96104  .6050T12G001
.
. TIME/CYCLES C1086  TIME/CYCLES C1086
MAINTENANCE/SUPPLY REC  TIME/CYCLES  TIME/CYCLES
STATUS DATE TIME EOC  TIME/CYCLES  TIME/CYCLES
M3  96104  0800
IW  96104  0800  DISCREPANCY  COMPLY WITH PPB #8 REV B  PILOT/INITIATOR
JC  96104  0900  PPSN 310026  AZ3 SMITH
.
. CORRECTIVE ACTION  COMPLIED WITH PPB #8 REV B
.
=====
CORRECTED BY  INSPECTED BY  SUPERVISOR  MAINT CONTROL  CF  QA
ABWILCOX  GSMURRY  RICLAUSEN  IBMERCER  X  REQ REQ
RFI  BCM
=====
JOB CONTROL NUMBER  WORK  INSPT
ORG DAY SER SUF  CENTER  STATUS  JCN  PRI  TURN-IN  DDSN  SYSTEM/REASON  MCN
P E 4 1 0 4 1 1 0  41U  UP  3  PPB 8 REV B  SWP4826

```

Figure 16-150: TD Compliance (Applies to a Component Within A Module)

N2R22502

MCN

SWP4826

VIDS/MAF OPNAV 4790/60 (REV 2-82)

ENTRIES REQUIRED SIGNATURE
NONE LOGS REC
X X JWABBOTT

```
=====
ACCUMULATED WORK HOURS          MAN ACCUMULATED AWM HOURS
NAME/SHIFT          TOOLBOX/INT DATE HOURS DATE TIME REASON HOURS
POWELL              1 D9841U3 KLD 96110 3.0
=====
```

LOCAL USE

REFERENCE

```
=====
INDEX F/P AWP A/T MAL REF SYMBOL QTY PROJ PRI DATE ORD REQ NO DATE REC
FSCM 77200 PART NUMBER 70065OL88 00001 AK0 03 96110 6110G124 96110
FSCM PART NUMBER
FSCM PART NUMBER
=====
```

```
WORK ACT MAL TECHNICAL DIRECTIVE ID
UNIT CD ORG TRANS M/L A/T CODE I/P HOURS EMT INT CODE BASIC NO RV AM PART KIT
23561 D98 18 2 T 813 01 3.0 3.0
TYPE BU/SER
EQUIP NUMBER W/D T/M POSIT FID SFTY/EI METER SE FSCM TECH INV CD PERM CD
JHDX 661091 O B
```

```
REPAIR CYCLE
DATE TIME EOC REMOVED/OLD ITEM INSTALLED/NEW ITEM
RECD 96110 0800 FSCM SERIAL NUMBER FSCM SERIAL NUMBER
IN WORK 96110 0800 77200 38407 77200 35719
COMP 96110 1100
AWAITING MAINTENANCE HRS PART NUMBER REMOVED DATE PART NUMBER
70065OL88 96110 70065OL88
TIME/CYCLES C0820 TIME/CYCLES C0940
MAINTENANCE/SUPPLY REC TIME/CYCLES TIME/CYCLES
STATUS DATE TIME EOC TIME/CYCLES TIME/CYCLES
M3 96110 0800
IW 96110 0800 DISCREPANCY CANNIBALIZATION OF MAIN FUEL PILOT/INITIATOR
JC 96110 1100 CONTROL FROM ENG 661091 FOR SQD NMCS AFCM ROBINSON
REQ 6110-G124 VA-35
CORRECTIVE ACTION R & R'd FUEL CONTROL AS DIRECTED
```

```
=====
CORRECTED BY INSPECTED BY SUPERVISOR MAINT CONTROL CF QA
BNPOWELL MFBARBOUR JJONES IBMERCER RFI BCM
JOB CONTROL NUMBER WORK INSPT
ORG DAY SER SUF CENTER STATUS JCN PRI TURN-IN DDSN SYSTEM/REASON MCN
D 8 8 1 1 0 1 2 4 41A 1 F/CONT CANN SWP4826
=====
```

Figure 16-151: Engine or Module Cannibalization (For a Supported Activity)

