COMNAVAIRFORINST 4790.2

THE NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

VOLUME IV

DATA PROCESSING REQUIREMENTS

DEPARTMENT OF THE NAVY
COMMANDER NAVAL AIR FORCES

1 February 2005

DEPARTMENT OF THE NAVY
COMMANDER NAVAL AIR FORCES
BOX 357051
SAN DIEGO, CALIFORNIA 92135-7051

IN REPLY REFER TO:
COMNAVAIRFORINST 4790.2 VOL IV
N422
01 Feb 2005

COMNAVAIRFOR INSTRUCTION 4790.2, VOL IV

From: Commander, Naval Air Forces

Subj: THE NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

Encl: (1) Highlights of Volume IV

1. Purpose. This volume contains data processing requirements for the Naval Aviation Maintenance Program.

2. Discussion. A brief summary of the changes in this volume is contained in enclosure (1).

3. Implementation. Unless otherwise directed, this revision becomes effective 1 February 2005 and is to be implemented on that date.

J. M. ZORTMAN

NAMP VOLUME IV	HIGHLIGHTS

This is the first version of a Naval Aviation Maintenance Program (NAMP) instruction issued as a Commander Naval Air Forces (COMNAVAIRFOR) instruction. The NAMP is sponsored by the Chief of Naval Operations (CNO) and implemented by COMNAVAIRFOR per OPNAVINST 4790.2J. COMNAVAIRFORINST 4790.2 contains the following highlights:

Chapter 1 - Introduction and Guide for using the Naval Aviation Maintenance Program Instruction

1. Assigns responsibility for answering NAMP policy and non-NAMP policy questions.

2. Eliminates paper and CD-ROM distribution. This document is only available in Portable Document Format (.pdf).

3. Details NAMP deviation, change, and correction procedures.

Chapter 2 - General

1. Defines responsibilities and requirements for the Naval Aviation Logistics Command Management Information System (NALCOMIS) Functional Manager.

General

1. Updates COMNAVAIRSYSCOM organization codes.

2. Updates appendices A through C.

3. Eliminates appendices D and E.

VOLUME IV: Data Processing Requirements

Table of Contents

Chapter	Subject	Page
1	Introduction and Guide for Using the Naval Aviation Maintenance Program Instruction	1-i
2	General	2-i
3	Master Records and Reports	3-i
4	Source Data	4-i
5	Data Validation, Correction, and Deletion	5-i
6	Daily Reports	6-i
7	Monthly Reports	7-i
8	Data Submission and Transfer	8-i
9	Subsystem Capability and Impact Reporting	9-i

Appendices

Appendix	Subject	Page
A	Acronyms and Abbreviations	A-1
B	Data Entry Procedures	C-1

CHAPTER 1 - Introduction and Guide for Using the Naval Aviation Maintenance Program Instruction

Table of Contents

Paragraph	Subject	Page
1.1	Introduction	1-1
1.2	Issuance	1-1
1.3	Guide for Using the NAMP Instruction	1-1
1.4	Corrections, Changes, and Deviations Processing	1-2

List of Illustrations

Figure	Title	Page
1-1	Correction Recommendation Letter (Sample)	1-4
1-2	Change Recommendation Letter (Sample)	1-5
1-3	Deviation Request Letter (Sample)	1-6

CHAPTER 1 - Introduction and Guide for Using the Naval Aviation Maintenance Program Instruction

1.1 Introduction

The NAMP is sponsored and directed by CNO and implemented by COMNAVAIRFOR. COMNAVAIRFORINST 4790.2 addresses concepts, policies, organizations, maintenance support procedures, and O-level and I-level maintenance (Volume I); D-level maintenance (Volume II); MDS (Volume III); aviation 3M data processing requirements (Volume IV); and NAMP Standard Operating Procedures (Volume V).

1.2 Issuance

This document is issued in Portable Document Format (.pdf).

1.3 Guide for Using the NAMP Instruction

a. Pages are numbered in a separate series for each chapter and appendix. The pages of each chapter are numbered in sequence and preceded by the chapter number, for example, the third page in Chapter 1 is numbered 1-3. The pages of each appendix are numbered in sequence and preceded by the appendix letter, for example, the second page in appendix A is numbered A-2.

b. Figures are provided to clarify or amplify text. Figures are located at the end of the chapter and numbered in sequence and preceded by the chapter number, for example, the first figure in Chapter 1 is Figure 1-1. Figures in Volume V, Standard Operating Procedures, with the exception of DOD/DON forms, may be modified by commands as needed to meet specific aircraft/equipment requirements, provided minimum data requirements of NAMPSOPs are met.

c. Warnings, cautions, and notes used in this instruction are explained as follows:

(1) Warning refers to a procedure or practice that, if not correctly followed, could result in injury, long term health hazards, or death.

(2) Caution refers to a procedure or practice that, if not correctly observed, could result in damage to or destruction of equipment.

(3) Note refers to a procedure or condition that requires emphasis.

d. The concept of word usage and intended meaning that has been adhered to in preparing this instruction is as follows:

(1) "Shall" means procedure is mandatory.

(2) "Should" means procedure is recommended.

(3) "May" and "need not" mean procedure is optional.

(4) "Will" indicates futurity and never indicates any degree of requirement for application of a procedure.

(5) MO is equivalent to Aircraft Maintenance Officer for the Marine Corps.

(6) AMO is equivalent to Assistant Aircraft Maintenance Officer for the Marine Corps.

(7) MMCO is equivalent to Production Control Officer for the Marine Corps.

e. Directives cited in the text of this instruction are identified by the basic number, for example, OPNAVINST 3750.6R will be identified as OPNAVINST 3750.6. Each volume contains an appendix listing the latest referenced directives in use at time of publication of the change or revision to the NAMP. It is the responsibility of the user to determine the current status of any directive being used.

f. For NAMP policy interpretation, contact your cognizant ACC/TYCOM/Wing.

g. For questions other than NAMP policy, contact COMNAVAIRSYSCOM (AIR-3.3.3) at DSN 342-7909 or COMM (301) 342-7909. Questions or comments may be submitted on the NAMP web site (http://logistics.navair.navy.mil/4790/) or by FAX (COMM (301) 342-7741).

1.4 Corrections, Changes, and Deviations Processing

a. Corrections.

(1) Recommendations to correct administrative discrepancies shall be submitted by naval letter or by email directly to COMNAVAIRSYSCOM (AIR-3.3.3). Figure 1-1 is a sample correction recommendation letter.

(2) COMNAVAIRSYSCOM (AIR-3.3.3) will reply via email to the originator acknowledging receipt of the correction recommendation and citing its disposition. All valid correction recommendations with no software impact will be incorporated at the earliest possible date. Valid correction recommendations with software impact will be coordinated with SPAWARSYSCEN Norfolk and COMNAVAIRSYSCOM (AIR-3.3.4) before incorporation.

b. Changes.

(1) Recommendations to change NAMP policies or procedures shall be submitted by naval letter or email, via the chain of command, to the originator's TYCOM. The TYCOM will submit change recommendations, using CHARTS, to COMNAVAIRSYSCOM (AIR-3.3.3). Activities without a TYCOM shall submit change recommendations directly to COMNAVAIRSYSCOM (AIR-3.3.3). COMNAVAIR-SYSCOM (AIR-3.3.3) will enter the change recommendations into CHARTS. Figure 1-2 is a sample change recommendation letter.

NOTES: 1. When using email procedures, scan the signed letter and include it as an attachment.

2. Any individual or activity having knowledge of any situation, procedure, or policy that adversely affects critical NAMP functions shall report the information by naval message to COMNAVAIRFOR via cognizant wing/ACC/TYCOM with an information copy to COMNAVAIRSYSCOM.

(2) COMNAVAIRSYSCOM (AIR-3.3.3) will reply via email to the originator acknowledging receipt of the recommended change.

(3) COMNAVAIRSYSCOM (AIR-3.3.3) will review recommended changes and conduct liaison as necessary with affected organizations. SPAWARSYSCEN Norfolk, COMNAVAIRSYSCOM (AIR-3.3.4), NATEC (AIR-3.3.5), and NAVAIRWARCENWPNDIV Point Mugu will assist in the review process and provide an impact assessment/cost of the recommended change if approved by COMNAVAIRFOR. Accepted changes are assigned a Change Control Number. Changes affecting software programming or report format/content in Volume I, II, III, or V will have a suffix "P" added to the Change Control Number. Changes containing new or revised forms will have a suffix "F" added to the Change Control Number. Changes affecting OPNAVINST 8000.16 will have the suffix “N” added to the Change Control Number.

Changes to computer software requiring a change to Volume IV, but not affecting other volumes of this instruction or the functional process, such as documentation or analysis procedures, are processed as corrections.

(4) Following review and resolution of outstanding issues, COMNAVAIRSYSCOM (AIR-3.3.3) will forward the recommended change and all pertinent information to the NAMP Working Committee members for their review, comments, and vote via CHARTS.

(5) Upon completion of voting, COMNAVAIRSYSCOM (AIR-3.3.3) shall prepare and forward the recommended change to COMNAVAIRFOR (N422) with comments and recommendations (as appropriate).

(6) COMNAVAIRFOR has final disposition authority. The final disposition is recorded in CHARTS.

(7) A recommended change requiring software development or validation specification changes will be coordinated with SPAWARSYSCEN Norfolk, COMNAVAIRSYSCOM (AIR-3.3.4), and COMNAVAIRSYSCOM (AIR-3.3.3). An implementation date will be jointly established.

c. Deviation Requests.

(1) Requests to deviate from NAMP policies, procedures, or responsibilities shall be submitted by naval letter or email to COMNAVAIRFOR (N422), via the originator's chain of command, with a copy to OPNAV (N781) and COMNAVAIRSYSCOM (AIR-3.3.3). Figure 1-3 is a sample deviation request letter.

NOTE: When using email procedures, scan the signed letter and include it as an attachment.

(2) Deviation requests are processed one of two ways:

(a) ACCs/TYCOMs, assisted by Type Wings/MAWs/COMFAIRs, will research and liaise as necessary to verify and substantiate the need for a deviation request based solely on manpower constraints (loss of authorized billets, for example, "gapped" billets). Following this investigation, the applicable ACC/TYCOM will approve or disapprove the deviation request and forward a copy to OPNAV (N781), COMNAVAIRFOR (N422), and COMNAVAIRSYSCOM (AIR-3.3.3).

(b) Deviation requests not related to manpower constraints shall be submitted to COMNAVAIRFOR (N422) via the chain of command, with a copy to OPNAV (N781) and COMNAVAIRSYSCOM (AIR-3.3.3). SPAWARSYSCEN Norfolk and COMNAVAIRSYSCOM (AIR-3.3.4) shall be included as "copy to" for all deviations affecting the MDS and NALCOMIS. COMNAVAIRFOR (N422), assisted by COMNAVAIRSYSCOM (AIR-3.3.3), will research and liaise as necessary to verify and substantiate the need for the requested deviation. Following this investigation, COMNAVAIRFOR (N422) will approve or disapprove requested deviation. A deviation request that affect MDS and NALCOMIS will be verified and coordinated with SPAWARSYSCEN Norfolk and COMNAVAIRSYSCOM (AIR-3.3.4). COMNAVAIRFOR (N422) grants a deviation for a specific duration for a situation or set of circumstances.

DEPARTMENT OF THE NAVY
CARRIER AIRBORNE EARLY WARNING SQUADRON
ONE ONE FIVE
FPO AP 96601-6403

In Reply Refer To:
4790
Ser 40/011089
06 Jun 04

From: Commanding Officer, CARAEWRON ONE ONE FIVE
To: Commander, Naval Air Systems Command (AIR-3.3.3)

Subj: CORRECTION RECOMMENDATION TO COMNAVAIRFORINST 4790.2

Ref: (a) COMNAVAIRFORINST 4790.2

1. Recommend corrections to reference (a), Volume II, Chapter 3, Figure 3-1 and Volume V, Chapter 10, Figure 10-1. Correct the FST for LOX converters to read PMA-202 vice PMA-205.

2. This correction recommendation corresponds with the current realignment.

3. Point of contact is AZCS A. Linthicum, DSN 123-4567, email linthicuma@navy.mil.

K. G. MUSIL
By direction

Figure 1-1: Correction Recommendation Letter (Sample)

DEPARTMENT OF THE NAVY
STRIKE FIGHTER SQUADRON ONE TWO FIVE
NAVAL AIR STATION
LEMOORE, CA 93246-5125

In Reply Refer To:
4790
Ser 10/0760
06 Jun 03

From: Commanding Officer, Strike Fighter Squadron 125
To: Commander, Naval Air Systems Command (AIR-3.3.3)
Via: (1) Commander, Strike Fighter Wing, U.S. Pacific Fleet
(2) Commander Naval Air Force, U.S. Pacific Fleet

Subj: CHANGE RECOMMENDATION TO COMNAVAIRFORINST 4790.2

Ref: (a) COMNAVAIRFORINST 4790.2

1. Recommend deleting the first sentence of reference (a), Volume I, Chapter 12, paragraph 12.1.4b, and replacing it with the following: "The below listed conditions requiring FCFs are minimal and mandatory unless type specific requirements have been established otherwise in the applicable NATOPS. This does not preclude operational commanders from imposing additional requirements of the scope and frequency deemed necessary."

2. This change recommendation would allow type specific requirements if they are needed. Under current NAMP direction, all aircraft, regardless of type, must adhere to the same requirements for FCFs. With the introduction of Fourth Generation aircraft, it has become increasingly apparent there is need for change. Due to the dramatic engineering improvements in the areas of redundancy, reliability and maintainability, the differences between Fourth Generation aircraft and their predecessors have grown immensely. It is this diversity that requires allowance of type specific FCF requirements when deemed appropriate.

3. Point of contact is ADC P. Flores, DSN 123-4567, email floresp@navy.mil.

T. J. THOMPSON
By direction

Figure 1-2: Change Recommendation Letter (Sample)

DEPARTMENT OF THE NAVY
NAVAL TEST WING ATLANTIC
22541 MILLSTONE ROAD
PATUXENT RIVER, MD 20670-5304

In Reply Refer To:
4790
Ser 55IM90A/014
5 May 04

From: Commander, Naval Air Wing Atlantic
To: Commander, Naval Air Forces (N422)
Via: Commander, Naval Air Systems Command (5.0.D.4)

Subj: DEVIATION REQUEST: SUPPORT EQUIPMENT OPERATOR TRAINING AND LICENSING PROGRAM PHASE I INSTRUCTORS

Ref: (a) COMNAVAIRFORINST 4790.2

1. The Aircraft Intermediate Maintenance Department requests authority to deviate from reference (a) Vol. V, CH 17, Para 17.4f (note) to designate personnel without NEC 9502 as Phase I instructors.

2. Reference (a) process change 2H0138 eliminates the NEC 9502 requirement for Phase I instructors and was approved.

3. Point of contact is Aircraft Intermediate Maintenance Department Support Equipment Division Officer: AZC C. Bullock, DSN 123-4567, Comm (301) 123-4567, email bullockc@navy.mil.

W. P. BENNETT
Capt USN

Copy to:
OPNAV (N781)
COMNAVAIRSYSCOM (AIR-3.3.3)
NTWL (Code 55IM90A)

Figure 1-3: Deviation Request Letter (Sample)

CHAPTER 2 - General

Table of Contents

Paragraph	Subject	Page
2.1	Purpose	2-1
2.2	Maintenance Data System	2-1
2.3	Responsibilities	2-1
2.4	Change/Deviation Request	2-2
2.5	Accuracy and Validation	2-2
2.6	Data Submission Timing	2-3
2.7	Maintenance Data System Flexibility	2-3
2.8	Failure Contingencies	2-3
2.9	Data Security	2-3

CHAPTER 2 - General

2.1 Purpose

The purpose of this volume is to provide general specifications regarding the basic data inputs and outputs of the aviation 3M System. This volume serves as the fundamental framework from which all supporting computer software and specifications will be developed.

2.2 Maintenance Data System

The MDS, an integral part of the aviation 3M System, is designed to accomplish the mechanized collection and processing of statistical data essential to the efficient management of resources. These data are collected at the lowest echelons of O-level and I-level maintenance and are processed by local NDCSCs for use by local activities. The MDS embraces the categories of data discussed briefly below.

a. Equipment. The MDS collects and records various types of data pertaining to equipment. Using reports prepared from this data, maintenance managers may continually monitor maintenance schedules, equipment capability, utilization, and potential problem areas. The various types of equipment data reported are discussed briefly in the following subparagraphs:

(1) Inventory data for aircraft, SE, and training devices are entered in the MDS via the VIDS/MAF (OPNAV 4790/60).

(2) Utilization data are entered in the MDS via various source documents. Aircraft utilization are reported on the Naval Aircraft Flight Record (OPNAV 3710/4). Utilization data for SE are reported for only those equipments with meters and are reported on the VIDS/MAF.

(3) Capability data for aircraft is entered in the MDS via the VIDS/MAF whenever a maintenance action degrades the capability of the equipment.

(4) Maintenance data are entered in the MDS for all equipment via the VIDS/MAF or METER Card (OPNAV 4790/58) (Green Copy) whenever a maintenance action occurs.

b. Material. Repairable component control/usage data are submitted to the NDCSC by the local supply organization via the Department of Defense Single Line Item Requisition System Document (DD 1348) and the VIDS/MAF Copy 2. Those activities having mechanized supply processing capabilities may forward usage data in machine readable format vice the DD 1348 source document. Machine reports produced from these data are provided to the Supply Department and AIMDs (if requested) where the flow of repairable components may be monitored. By merging key data elements of both the maintenance and the supply systems, these reports provide a valuable point of interface for effective coordination by management in both areas.

2.3 Responsibilities

a. Work Center Supervisor. The supervisor of each work center is responsible for the management of all aspects of the MDS at the work center level. This includes the collection and screening of source documents, and the correction of DARs. Close coordination with QA must be maintained to resolve any problem areas.

b. Analyst. The analyst in each O-level and I-level activity will monitor, control, and apply MDS within the activity. The analyst serves as a contact point between the work centers, Operations Department, and the NDCSC; and is responsible for management of all aspects of MDS at the activity level. This includes: (1) collection, screening, and forwarding of all source documents; (2) screening, distribution, and analytical examination of machine reports; (3) preparation of graphic and narrative summaries; (4) training of personnel

in MDS documentation procedures; and (5) close coordination with work centers, operations department, and NDCSC to resolve any problem areas.

c. NALCOMIS Data Collection System Center. The NDCSC is responsible for receiving source data and converting raw data to machine records and producing a number of prescribed output products for the reporting organization and certain external recipients. Among these is a series of DARs which are returned to the reporting activity on the day following submission of source documents. These audit reports are used by the reporting activity to verify the previous day's input. At the end of each calendar month, the NDCSC produces a series of monthly reports as requested by each reporting activity. In addition, the NDCSC forwards MDS data to higher echelon commands and to a central data bank at COMNAVAIRSYSCOM (AIR-3.3.4). The local NDCSC must maintain a history file for a minimum of 6 months. Before discarding any history file the local NDCSC must have received notification from COMNAVAIRSYSCOM (AIR-3.3.4) that the data on that history file had been received and processed. A close working relationship with QA of all supported maintenance activities is essential. The local NDCSC is not allowed to modify standard computer software/operating procedures. If a unique situation warrants a change, the change will be reviewed and authorized by the CDA.

d. Central Design Activity. The MDS is unique among most management information systems because of its requirement to operate on a wide variety of MIS hardware systems in a great many geographic locations. This feature of the system imposes a considerably complex programming requirement and complicates coordination and management of the system. Because many facilities are equipped with identical MIS hardware, a CDA has been designated to provide system analysis and programming services for all MIS hardware systems. SPAWARSYSCEN Norfolk, VA, as the CDA, is responsible for the design, documentation, and maintenance of the MIS and all documentation necessary to the successful operation of the system. The CDA will be responsible for preparing, distributing, and implementing any necessary changes/revisions to its applicable software.

e. COMNAVAIRSYSCOM Functional Manager. The COMNAVAIRSYSCOM Functional Manager for Aviation Maintenance and Logistics Information Systems (COMNAVAIRSYSCOM (AIR-3.3.4)) is responsible for preparing the system and subsystem specifications for Optimized NALCOMIS and will ensure that the Optimized NALCOMIS maintenance systems requirement documents are kept current and reflect proper justification for policies and improved business procedures and track the changes to ensure benefits were achieved.

f. Central Data Processing Facility. A central data processing facility is maintained by COMNAVAIRSYSCOM (AIR-3.3.4). This facility receives certain MDS data in the form of machine records from the local NDCSC. Data pertaining to any aspect of the maintenance effort or material usage may be extracted by management at any level of command. Standard reports are prepared by COMNAVAIR-SYSCOM (AIR-3.3.4). Information pertaining to standard reports is available on the 3M web site or from 3M Customer Service at 800-624-6621.

2.4 Change/Deviation Request

Requests for changes to, or deviation from, the procedures contained in this instruction will be submitted per Chapter 1.

2.5 Accuracy and Validation

a. Logical and Legal Accuracy. To the extent permitted by machine capability, all input data are validated during the daily processing by the NDCSC. Validation consists of certain admissibility tests for logical and legal accuracy. Erroneous data elements will be annotated on the DARs. Detailed specifications for these tests are in Chapter 3.

b. Mathematical Calculations. Quantitative data which occur in fractional amounts will be carried to the nearest tenth in all calculations unless otherwise specified. Rounding to the nearest tenth may be necessary when computing certain ratios and averages and rounding to the nearest whole number will be necessary for some local output products. In these cases, 5 or greater will be rounded up and 4 or less will be rounded down. When the final result is to be rounded to the nearest whole number, all data will be in one decimal place during calculations, and the result rounded after it is obtained. For example:

$2.6 + 2.6 = 5.2 = 5$ not $2.6 + 2.6 = 3 + 3 = 6$

Quantitative data which occur only in unit amounts will be accurate to the nearest whole number.

2.6 Data Submission Timing

a. Input source documents will be received daily from the reporting activity, at a time to be determined locally. DARs will be prepared and delivered to the reporting activity at the next day's delivery of source documents. The reporting activity will verify the DARs and submit any necessary corrections with the following day's source document delivery.

b. The monthly process is initiated so that all specified local reports will be prepared and distributed to the reporting activities no later than the fifth working day following the end of the month. External submissions will be completed per the requirements contained in Chapter 8.

2.7 Maintenance Data System Flexibility

The MDS will be subject to frequent changes, especially in the area of validation. The CDA should maintain the capability of responding to changes of this nature within a maximum of 90 days from notification to implementation. For changes of greater magnitude, response time will be established by SPAWARSYSCEN Norfolk, VA as circumstances dictate.

2.8 Failure Contingencies

In the event of machine or software failure at the NDCSC, it is expected that transactions will be backlogged until service is restored. Accordingly, no special consideration, such as backup modes, is necessary. Because no redundant or backup base is employed, programs should contain adequate safeguards against accidental file destruction.

2.9 Data Security

All MDS data collected and processed at the local NDCSC is unclassified.

CHAPTER 3 - Master Records and Reports

Table of Contents

Paragraph	Subject	Page
3.1	Equipment Master Records	3-1
3.2	Equipment Master Roster (E-00) Report	3-2
3.3	Individual Master Records	3-4
3.4	Individual Master Roster (NAVFLIRS-00)	3-6

List of Illustrations

Figure	Title	Page
3-1	Equipment Master Roster (E-00) (SE)	3-9
3-2	Equipment Master Roster (E-00) (Aircraft)	3-10
3-3	Individual Master Roster (NAVFLIRS-00)	3-11

CHAPTER 3 - Master Records and Reports

3.1 Equipment Master Records

a. Certain equipment require the establishment of MDS master records for the purpose of inventory and reporting status accounting.

b. Implementation. Implementation will normally be accomplished on the first day of an accounting period. Prior to implementation, the reporting activity will prepare a VIDS/MAF on reportable equipment containing the inventory status of each equipment, and the meter type and reading for SE. These VIDS/MAFs will be submitted to the local NDCSC.

c. Data Elements. Using the implementation VIDS/MAFs, master records will be established containing the following data elements for each equipment:

DATA ELEMENT	TYPE DATA	FIELD LENGTH	NOTES
ORG	A/N	3	
PUC	N	6	1
TEC	A/N	4	
BU/SERNO	A/N	6	
DATE	N	4	
TIME	N	4	
INVCDE	A/N	1	
METER	A/N	5	2
RECTYP	N	2	3

NOTES: 1 - Applies only if the first position of TEC is equal to A, K, or N.
2 - Applies only if the first position of TEC is equal to G, H, or S.
3 - Literal 70 Record Type.

d. E-00 Report (Master Roster). After establishment of the master records, an E-00 will be prepared per paragraph 3.2 and distributed to the reporting activity for verification. If corrections are required, they will be accomplished per procedures contained in Chapter 5.

e. Maintenance. Maintenance of the E-00 will be accomplished as follows:

(1) During the accounting period, as VIDS/MAF source documents are submitted, a master record will be established for each VIDS/MAF Copy 1 with TRCODE 00 (Gain).

(2) After processing for the current accounting period has been completed, all master records, with the exception of those having a VIDS/MAF Copy 1 submitted with a corresponding TRCODE 03 (Loss), will be reproduced for the next accounting period.

(3) The following criteria will be used in the reproduction of master records for the new accounting period E-00:

DATA ELEMENT	REMARKS
ORG	Reproduce from master record.
PUC	Reproduce from master record.
TEC	Reproduce from master record.
BU/SERNO	Reproduce from master record.
DATE	Julian date of first day of new accounting period.

TIME	0001.
INVCDE	INVCDE reflected on the VIDS/MAF containing the latest COMDAT/COMTIM with TRCODE 02 or reproduce from master record if no TRCODE 02 was received.
METER	Meter from the VIDS/MAF containing the latest COMDAT/COMTIM for that equipment (SERNO) or reproduce from master record if no VIDS/MAF was received.

f. The E-00 file will reflect the following data:

(1) BU/SERNO.

(2) TEC.

(3) DATE.

(4) TIME.

3.2 Equipment Master Roster (E-00) Report

a. The E-00 (Figures 3-1 and 3-2) will be prepared at the beginning of each accounting period per the following criteria.

b. Data Source. The E-00 will be prepared from the equipment master records. In establishing an E-00, duplicate serial numbers with different TECs will be applied if all other validation specifications are met.

c. Sort Sequence. The E-00 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) PUC.

(3) TEC.

(4) BU/SERNO.

d. Control. Control for the E-00 will be accomplished in the following manner:

(1) Skip a line after printing report heading and column headings.

(2) Double space all detail lines and one-star totals.

(3) Print a one-star total on change in ORG, PUC, or TEC.

(4) Print report and column headings on each page.

(5) Eject to a new page upon change in ORG or PUC.

(6) A detail line will represent a single master record.

e. Report Heading Format. Report heading for the E-00 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
E-00	1-4	1
EQUIPMENT	34-42	1
MASTER	44-49	1
ROSTER	51-56	1
REPORT MONTH	88-90	2
REPORT YEAR	92-93	2

f. Column Heading Format. Column headings for the E-00 will require two lines of print and will be printed as follows:

(1) Line 1.

DATA ELEMENT	PRINT POSITION	NOTES
.	36-57	1
INVENTORY	58-66	1
CODE	68-71	1
.	72-93	1

(2) Line 2.

DATA ELEMENT	PRINT POSITION	NOTES
ORG	1-3	1
PUC	8-10	1
TEC	15-17	1
SERIAL	20-25	1
METER	28-32	1
0	38	1
A	44	1
1	50	1
2	56	1
3	62	1
4	68	1
5	74	1
6	80	1
7	86	1
8	92	1

g. Detail Format. Detail lines for the E-00 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
ORG	1-3	
PUC	6-11	
TEC	14-17	
BU/SERNO	20-25	
METER	28-32	
INVCDE 0	35-39	3,4,5

INVCDE A	41-45	3,4,5
INVCDE 1	47-51	3,4,5
INVCDE 2	53-57	3,4,5
INVCDE 3	59-63	3,4,5
INVCDE 4	65-69	3,4,5
INVCDE 5	71-75	3,4,5
INVCDE 6	77-81	3,4,5
INVCDE 7	83-87	3,4,5
INVCDE 8	89-93	3,4,5

h. One-star (*) Total. One-star (*) totals for the E-00 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	32	1
INVCDE 0	34-39	5
INVCDE A	40-45	5
INVCDE 1	46-51	5
INVCDE 2	52-57	5
INVCDE 3	58-63	5
INVCDE 4	64-69	5
INVCDE 5	70-75	5
INVCDE 6	76-81	5
INVCDE 7	82-87	5
INVCDE 8	88-93	5

i. Notes for the preparation of the E-00 are as follows:

1 - Machine-generated literal.
2 - Month and year that the report is printed (in MMM YY format).
3 - Accumulate for one-star total.
4 - Print number of hours in the accounting period under applicable inventory code column. Hours in the accounting period are calculated by multiplying the number of days in the accounting period by 24. Express in whole hours only.
5 - Suppress printing of all leading zeros.

3.3 Individual Master Records

a. Flight status personnel require the establishment of MDS master records for the purpose of aircrew individual flight activity reporting.

b. Implementation. Implementation will normally be accomplished on the first day of an accounting period. Prior to implementation the reporting activity will prepare a Naval Aircraft Flight Record (RECTYP 7D) on all flight status personnel. These records will be submitted to the local NDCSC.

c. Data Elements. Using the implementation Naval Aircraft Flight Records, master records will be established containing the following data elements for each individual:

DATA ELEMENT	TYPE DATA	FIELD LENGTH	NOTES
ORG	A/N	3	
NAME	A	14	1

EXCD	A	1	
FSTINT	A	1	
GRADE	A/N	2	
SSN	N	9	
SVC	A/N	1	
NATOPS	N	4	2
MED	N	4	2
INST	N	4	2
WATER	N	4	2
PHYSIO	N	1	2
ASC	N	1	3
SSC	A	1	3
SYLLAB	N	4	3
DATE	N	4	
DPCODE	A/N	3	
RECTYP	A/N	2	4

NOTES: 1 - Must reflect last name.
2 - Must reflect expiration date (in YYMM format).
3 - Marine Corps mandatory (only applies to individuals assigned to Marine Corps activities), USN optional.
4 - Literal 70 RECTYPE.

d. NAVFLIRS-00 Individual Master Roster. After establishment of the master records, a NAVFLIRS-00 will be prepared per paragraph 3.4 and distributed to the reporting activity for verification. If corrections are required, they will be accomplished per the procedures in Chapter 5.

e. Maintenance. Maintenance of the NAVFLIRS-00 will be accomplished as follows:

(1) During the accounting period, as Naval Aircraft Flight Records are submitted, a master record will be established for each source document containing RECTYP 7D with EXCD G (Gain).

(2) After processing for the current accounting period has been completed, all master records, with the exception of those having a Naval Aircraft Flight Record submitted with EXCD L (Loss) will be reproduced for the next accounting period.

(3) The following criteria will be used in the reproduction of master records for the new accounting period:

DATA ELEMENT	REMARKS
ORG	Reproduce from master record.
NAME	Reproduce from master record.
FSTINT	Reproduce from master record.
GRADE	Reproduce from master record.
SSN	Reproduce from master record.
SVC	Reproduce from master record.
NATOPS	Reproduce from master record.
MED	Reproduce from master record.
INST	Reproduce from master record.
WATER	Reproduce from master record.
PHYSIO	Reproduce from master record.
ASC	Reproduce from master record.
SSC	Reproduce from master record.

SYLLAB	Reproduce from master record.
DATE	Month and year of new accounting period.

3.4 Individual Master Roster (NAVFLIRS-00)

a. The NAVFLIRS-00 (Figure 3-3) will be prepared at the beginning of each accounting period per the following criteria.

b. Data Source. The NAVFLIRS-00 will be prepared from the individual master records and Naval Aircraft Flight Records RECTYP 7C.

c. Sort Sequence. The NAVFLIRS-00 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) NAME.

(3) SSN.

d. Control. Control for the NAVFLIRS-00 will be accomplished in the following manner:

(1) Skip a line after printing report heading, ORG heading, detail headings, and last detail line.

(2) Print TOTAL AIRCREW ASSIGNED upon change in ORG.

(3) Detail lines will be double spaced.

(4) Each detail line will represent a single individual.

(5) Print report and column headings on each page.

(6) Eject to a new page upon change in ORG.

e. Report Heading Format. Report heading for the NAVFLIRS-00 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
NAVFLIRS-00	1-11	1
INDIVIDUAL	56-65	1
MASTER	67-72	1
ROSTER	74-79	1
REPORT MONTH	125-127	2
REPORT YEAR	129-130	2

f. ORG Heading Format. ORG heading for the NAVFLIRS-00 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG:	6-8		3710/4	7B-21
ORG NAME	10-29	1		

g. Column Heading Format. Column headings for the NAVFLIRS-00 will require three lines of print and will be printed as follows:

(1) Line 1.

DATA ELEMENT	PRINT POSITION	NOTES
FST	18-20	1
NATOPS	64-69	1
MED	73-75	1
INST	81-84	1
WATER	88-92	1

(2) Line 2.

DATA ELEMENT	PRINT POSITION	NOTES
*	1-5	1
NAME	6-9	1
*	10-14	1
INT	18-20	1
GRADE	24-28	1
*	34-36	1
SSN	37-39	1
*	40-42	1
SVC	46-48	1
HRS	55-57	1
QUAL	65-68	1
EXAM	73-76	1
QUAL	81-84	1
SURV	89-92	1
PHYSIOLOGY	95-104	1
ASC	107-109	1
SSC	112-114	1
SYLB	117-120	1
GAIN	123-126	1
LOSS	129-132	1

(3) Line 3.

DATA ELEMENT	PRINT POSITION	NOTES
YYMM	65-68	1
YYMM	73-76	1
YYMM	81-84	1
YYMM	89-92	1
YYMM	98-101	1
DATE	123-126	1
DATE	129-132	1

h. Detail Format. Detail lines for the NAVFLIRS-00 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
NAME	1-14	
FSTINT	19	
GRADE	25-28	
SSN	34-42	
SVC	47	
HRS	54-58	3, 5, 6
NATOPS QUAL	65-68	7
MED EXAM	73-76	7
INST QUAL	81-84	7
WATER SURV	89-92	7
PHYSIOLOGY	98-101	7
ASC	108	
SSC	113	
SYLB	117-120	
DATE	123-126	
DATE	129-132	

i. Total Aircrew Assigned Format. Total aircrew assigned for the NAVFLIRS-00 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	1-5	1
AIRCREW	7-13	1
ASSIGNED	15-22	1
TOTAL AIRCREW ASSIGNED	25-27	4

j. Notes for the preparation of the NAVFLIRS-00 are as follows:

1 - Machine-generated literal.
2 - Month and year of the first day of the accounting period for which the report is being produced (in MMMYY format).
3 - Accumulate from RECTYP 7C data elements FPT plus CPT plus SCT for each individual reproduced master record.
4 - Add total number of detail lines within ORG.
5 - Suppress printing of all leading zeros.
6 - Print a decimal to separate hours from tenths of hours.
7 - Must reflect expiration date (in YYMM format).

E-00 EQUIPMENT MASTER ROSTER JUN 97

ORG	PUC	TEC	SERIAL	METER	INVENTORY CODE 0	A	1	2	3	4	5	6	7	8
A9B		GACB	004723	M0023	720									
A9B		GACB	004815	M8316	720									
A9B		GACB	004903	M6791	720									
				*	2160									

Figure 3-1: Equipment Master Roster (E-00) (SE)

E-00 EQUIPMENT MASTER ROSTER JUN 97

ORG	PUC	TEC	SERIAL	METER	INVENTORY CODE 0	A	1	2	3	4	5	6	7	8
AF1	000916	AFPB	150950			720								
AF1	000916	AFPB	150951			720								
AF1	000916	AFPB	150952			720								
AF1	000916	AFPB	150953					720						
AF1	000916	AFPB	150955			720								
					*	2880		720						

Figure 3-2: Equipment Master Roster (E-00) (Aircraft)

NAVFLIRS - 00 INDIVIDUAL MASTER ROSTER OCT 97

ORG: AN2 VS-22

****NAME****	FST INT	GRADE	****SSN****	SVC	HRS	NATOPS QUAL YYMM	MED EXAM YYMM	INST QUAL YYMM	WATER SURV YYMM	PHYSIOLOGY YYMM	ASC	SSC	SYLB	GAIN DATE	LOSS DATE
WEST	D	0 - 3	106523478	1	28.9	9705	9702	9705	9708	9702				6123	
HAWN	J	E - 8	812579036	N	22.0	9706	9703		9708	9703				6265	
JEPSEN	L	E - 9	548361270	N	24.3	9708	9707		9706	9707				7006	
MILES	P	E - 5	293847516	N	26.2	9708	9708		9707	9708				5360	6299
WAGGONER	R	O - 3	917385260	6	22.6	9612	9701		9703	9701				7132	

TOTAL AIRCREW ASSIGNED 005

Figure 3-3: Individual Master Roster (NAVFLIRS-00)

CHAPTER 4 - Quality Programs

Table of Contents

Paragraph	Subject	Page
4.1	Document Control	4-1
4.2	Data Extraction	4-1
4.3	Source Documents	4-2

List of Illustrations

Figure	Title	Page
4-1	Document Control Form (OPNAV 4790/45)	4-3
4-2	DOD Single Line Item Requisition System Document (DD 1348)	4-4
4-3	Naval Aircraft Flight Record (OPNAV 3710/4)	4-5
4-4	VIDS/MAF Copy 1 (OPNAV 4790/60)	4-6
4-5	VIDS/MAF Copy 2 (OPNAV 4790/60)	4-7
4-6	Metrology Equipment and Recall Report (OPNAV 4790/58) Meter Card and Equipment Identification and Receipt Tag (OPNAV 4790/58A)	4-8

CHAPTER 4 - Source Data

4.1 Document Control

a. To maintain an even workload, all source documents must be delivered to the NDCSC each working day. Two copies of the Document Control Form (OPNAV 4790/45) (Figure 4-1) are prepared each time the reporting activity submits source documents to the NDCSC. When manual supply accounting procedures are in use, the DCF is also used by the local supply organization to submit MR documents. If the activity uses mechanized supply accounting or is a NALCOMIS activity, there is no need for the MR document control form.

b. The documents to be submitted are separated, grouped, and counted by document type. The number of documents submitted by type is entered in the appropriate line under FORMS COUNT column 1. The NDCSC will enter Julian date and time received, signature, and verify the number of documents by entering their count of the document category in FORMS COUNT column 2.

c. NAVFLIRS source documents must be batched and submitted on separate DCFs from other MDS source documents.

d. If, during NDCSC processing, a document is found to be illegible or otherwise cannot be entered, it is returned to the submitting activity for correction. A total of these rejected documents is entered in the DCF FORM REJECT column. Rejected or late documents submitted after the end of an accounting period must be submitted with a separate DCF. This data will be processed with the next accounting period data. Any such submission requires special coordination with the NDCSC, and an away code of Z will be assigned to the DCF.

e. To identify data generated in an away from home situation, a one character code may be entered by the submitting activity in the away from home space at the top of the DCF. Any alphabetic or numeric character may be used except 1, 2, 3, 4 or Z. Z is reserved for late submission from the previous accounting period, and codes 1 and 2 are reserved for making corrections to the COMNAVAIRSYSCOM (AIR-3.3.4) central data bank. Code 3 is reserved for the CDA. Code 4 is reserved for the Naval Aircraft Flight Record (OPNAV 3710/4) submitted by an aircrew to a NDCSC that is not the same NDCSC supporting the aircraft reporting custodian. All such data will require a separate DCF for each away code used. The code documented on the DCF will be entered into each record produced from that batch of documents. Only the "A" record (data elements documented in VIDS/MAF blocks preceded by the alpha character A) in the VIDS/MAF Copy 1 will contain the away code.

f. NALCOMIS data submitted to the NDCSC will be annotated on the DCF (Figure 4-1) by adding 'e. MAGNETIC MEDIA' to block 5, MDR FORMS, or by adding 'b. MAGNETIC MEDIA' to block 6, FLIGHT DATA FORMS. The current forms are still authorized for use until depleted from the system. The new form is available.

4.2 Data Extraction

The extraction of data, that is, the conversion of source documents to machine-readable formats, may be accomplished by whatever method is best suited to the particular hardware application, such as data entry and key-to-tape. Data entry procedures are provided in Appendix B.

4.3 Source Documents

a. DOD Single Line Item Requisition System Document (manual) (DD 1348) (Figure 4-2). Certain supply data are introduced into the MDS by means of the DD 1348. These documents are submitted to the NDCSC by the local supply organizations.

b. Naval Aircraft Flight Record (OPNAV 3710/4) (Figure 4-3). This form is completed by the pilot in command or aircraft mission commander upon termination of a simulator training/flight, an aircraft flight, series of flights or cancellation of a flight. This form also allows for documenting aircrew (officer and enlisted) gains, losses, and revisions.

c. VIDS/MAF Copy 1 (OPNAV 4790/60) (Figure 4-4). Copy 1 of the VIDS/MAF is originated by personnel at both O-level and I-level maintenance. The VIDS/MAF Copy 1 provides the documentation for all maintenance actions with the exception of those documented on the METER Card (Green Copy). The VIDS/MAF Copy 1 allows for more than one type of maintenance action to be documented. A transaction code is used to identify the type of maintenance action being documented.

d. VIDS/MAF Copy 2 (OPNAV 4790/60) (Figure 4-5). Copy 2 of the VIDS/MAF serves as a suspense document for repairable component pool management while the defective component is being processed by the IMA. Upon completion of the IMA action the component is returned to the supply organization, and at this point blocks 1-13 are completed by the Supply Support Center and Copy 2 is submitted to the NDCSC for processing. The code entered in block 12, indicates whether the component was returned to RFI status, or was BCM at the IMA.

e. METER Card (Green Copy) (OPNAV 4790/58) (Figure 4-6). The METER Card contains preprinted aviation 3M data fields located in block 20. The purpose of the additional fields is to facilitate the interface of the MEASURE and aviation 3M Systems. The preprinted field emulates the VIDS/MAF A, B, and E records and is used to document calibration/maintenance actions performed on PME.

OPNAVINST 4790.2E

DOCUMENT CONTROL FORM

2. JULIAN DATE

1. ORGANIZATION

3. AWAY FROM HOME CODE

4. SUPPLY ORGANIZATION CODE

CARDS/FORMS BY TYPE	FORMS COUNT 1	FORMS COUNT 2	FORM REJECT
5. MDR FORMS			
a. VIDS MAF (COPY1)			
b. VIDS/MAF (CLOSEOUT)			
c. METER CARD (GREEN COPY)			
d. METER CARD (GREEN COPY) (CLOSEOUT)			
e. MAGNETIC MEDIA			
6. FLIGHT DATA FORMS			
a. NAVAL AIRCRAFT FLIGHT RECORD			
b. MAGNETIC MEDIA			
7. MATERIAL REPORTING			
a. VIDS MAF (COPY 2)			
b. DD1348			

CARDS/FORMS BY TYPE	FORMS COUNT 1	FORMS COUNT 2	FORM REJECT
8. LOCAL CONTROL			
a. DAILY AUDIT PART I			
b. DAILY AUDIT PART II			
c. DAILY AUDIT PART III			

9. COMMENTS / LOCAL USE

10. JULIAN DATE / TIME RECEIVED

11. RECEIVED BY *(Signature)*

OPNAV 4790/45 (REV 8-94) PREVIOUS EDITIONS MAY BE USED UNTIL SUPPLY IS EXHAUSTED SN 0107-LF-018-4600

Figure 4-1: Document Control Form (OPNAV 4790/45)

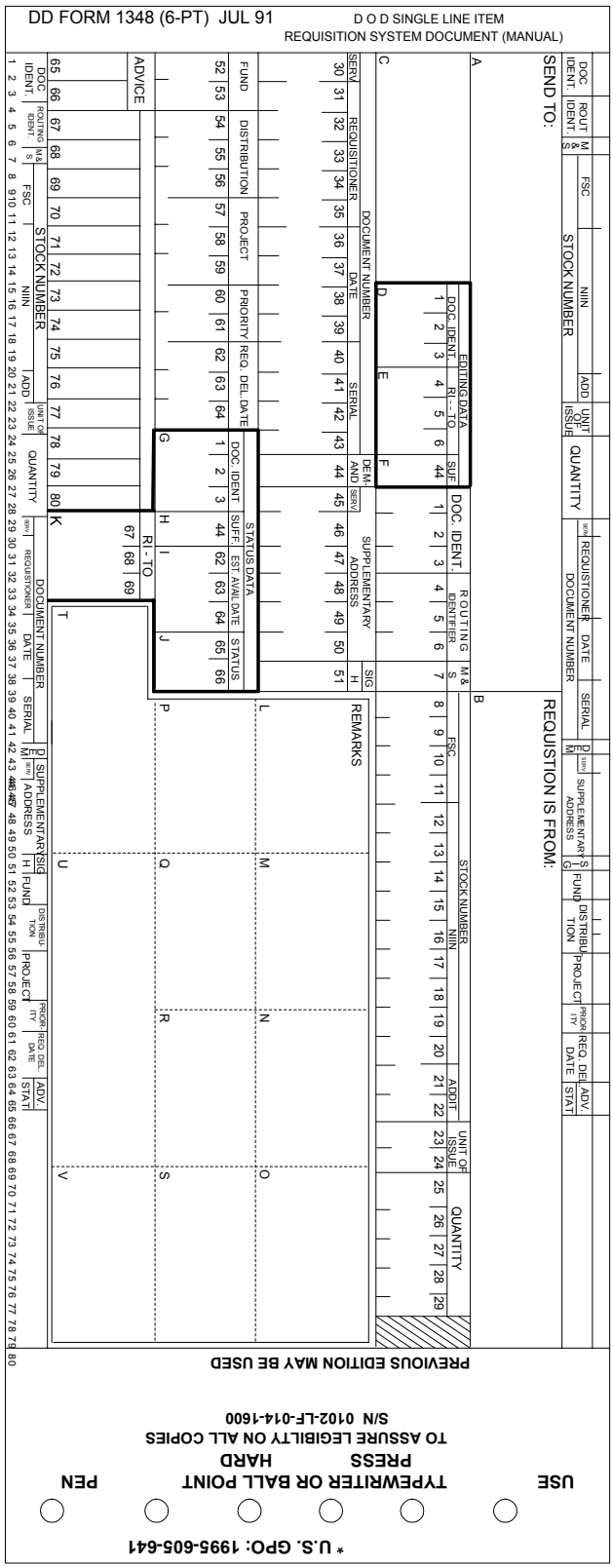

Figure 4-2: DOD Single Line Item Requisition System Document (DD 1348)

NO.

NAVAL AIRCRAFT FLIGHT RECORD

PAGE _____OF _____

AIRCRAFT DATA (RECORD TYPE 7B)

	10	11	17	21	24	27	30	33	36	39	42	44	46	47	49	79					
																7B		•	•	•	•	
SIDE NO.	EXC CODE	BUNO/SER	TEC	ORG	MSN 1	HRS 1	MSN 2	HRS 2	MSN 3	HRS 3	SUPT CODE	TOT FLT	OPS	CAT/ JATO	AIRLIFT MISSION NO.	REC TYP		1	2	3	4	NO. HOISTS
					TOTAL MISSION REQUIREMENT (TMR) DATA													ENGINE HRS				

AIRCREW DATA (RECORD TYPE 7C; IF EXC CODE = G, L OR R; RECORD TYPE = 7D)

mz—r	EXC CODE	FIRST INIT	LAST INIT	NAME	SSN	SPL QUAL	SVC	FLIGHT TIME FPT	FLIGHT TIME CPT	FLIGHT TIME SCT	INSTRUMENT ACT	INSTRUMENT SIM	NIGHT TIME	LANDINGS T	LANDINGS NO.	LANDINGS T N	LANDINGS T N	LANDINGS T N	APPROACHES T N	APPROACHES T N	APPROACHES T N	APPROACHES T N	TRAINING CODES 1ST	TRAINING CODES 2ND	TRAINING CODES 3RD	REC TYP
9 10 11				12	13	22	23	24	27	30	33	36	39	42	45	47	49	51	53	55	57	59	62	65	79
1								•	•	•	•	•	•												7C
2								•	•	•	•	•	•												7C
3								•	•	•	•	•	•												7C
4								•	•	•	•	•	•												7C
5								•	•	•	•	•	•												7C
6								•	•	•	•	•	•												7C
7								•	•	•	•	•	•												7C

LOGISTICS DATA (DEPART - RECORD TYPE 7E; ARRIVE - RECORD TYPE 7F

LEG NO.	EXC CODE	TIME ZONE	TIME	DATE (JULIAN)	ICAO OR SHIP I.D.	S S	DISTANCE	DELAY 1ST CODE	DELAY 1ST HRS	DELAY 2ND CODE	DELAY 2ND HRS	PRI 1 PAX NO.	PRI 2 PAX NO.	PRI 3 PAX NO.	PRI 4 PAX NO.	PRI 5 PAX NO.	CARGO (LBS)	OPPORTUNE PAYLOAD PAX NO.	OPPORTUNE PAYLOAD CARGO (LBS)	1	2	CONFIG DATA MAX PAX	CONFIG DATA MAX CARGO (LBS)	REC TYP
9 10 11			12	16	20				30	33	34	37	40	43	46	49	52	57	60	65	66	67	70	79
1			DEPART						•		•													7E
			ARRIVE	16	20	24	25		•		•													7F
2			DEPART						•		•													7E
			ARRIVE						•		•													7F
3			DEPART						•		•													7E
			ARRIVE						•		•													7F
4			DEPART						•		•													7E
			ARRIVE						•		•													7F
5			DEPART						•		•													7E
			ARRIVE						•		•													7F

WEAPONS PROFICIENCY DATA (RECORD TYPE 7G)

mz—r	EXC CODE	LINE NO	TRNG AREA DATA TRNG AREA 1	HRS 1	TRNG AREA 2	HRS 2	DELIVERY DATA 1 ORD 1	DEL 1	RUNS 1	SCORE 1	DELIVERY DATA 2 ORD 2	DEL 2	RUNS 2	SCORE 2	DELIVERY DATA 3 ORD 3	DEL 3	RUNS 3	SCORE 3	MISC DATA 1 CD 1	DATA 1	MISC DATA 2 CD 2	DATA 2	REC TYP
9 10 11			12	19	21	28	30	34	36	38	41	45	47	49	52	56	58	60	63	65	68	70	79
1				•		•																	7G
27				•		•																	7G

(REMARKS)	(NAME/GRADE/LOCAL USE) A	B	C	D	E	F	G	H	FLIGHT QUALIFICATION EXPIRATION DATES NATOPS YY MM	MEDICAL YY MM	INSTRUMENTS YY MM	WATER YY MM	PHYSIOLOGY YY MM	REC TYP
	34	36	38	40	42	44	46	48	50	54	58	62	66	79 7G

A/C OR MSN CMDR SIGNATURE/GRADE

OPNAV 3710/4 (Rev. 2-84)

Figure 4-3: Naval Aircraft Flight Record (OPNAV 3710/4)Naval Aircraft Flight Record (OPNAV 3710/4)

No. SWP 4826 COPY 1 **5 PART FORM**

WORK CENTER REGISTER, CONTROL AND PROCESSING COPY

USE BALL-POINT PEN PRESS HARD

ENTRIES REQUIRED SIGNATURE: NONE ☐ LOGS REC ☐ ☐

VIDS/MAF OPNAV 4790/60 (REV.5-88) S/N 0107-LF-002-5900

LOCAL USE

ACCUMULATED WORK HOURS: NAME/SHIFT | TOOL BOX | DATE | MAN HOURS | ELAPSED M/T

ACCUMULATED AWM HOURS: DATE | TIME REASON | HOURS

REFERENCE

(H-Z) FAILED/REQUIRED MATERIAL

79 INDEX	08 F/P	09 AWP	10 A/T	11 MAL	14 MFGR	19 PART NUMBER	34 REF SYMBOL	41 QTY	PROJ	43 PRI	45 DATE ORD	49 REQ NO	53 DATE REC
	☐	☐											
	☐	☐											
	☐	☐											
	☐	☐											
	☐	☐											
	☐	☐											
	☐	☐											

FOLD

A22 WORK UNIT CODE | A29 ACTION ORG | A32 TRANS | A34 MAINT/L | A35 ACT TAKEN | A36 MAL CODE | A39 ITEMS/P | A41 MAN HOURS | A45 ELAPSED M/T | F08 INTERIM ☐

TECHNICAL DIRECTIVE IDENTIFICATION: F09 CODE | F11 BASIC NO | F15 RV | F16 AM | F17 PART | F19 KIT

A48 TYPE EQUIP | A52 BU/SER NUMBER | A58 DISCD | A59 T/M | A60 POSIT | A 6 2 F I D | A65 SAFETY/EI SER | A69 METER | SE MFGR | A74 | F21 | INVENTORY F22 PERM UNIT CODE | F28

REPAIR CYCLE

	DATE	TIME	EOC
RECEIVED	B08	B12	B16
IN WORK	B19	B23	B27
COMPLETED	B30	B34	

AWAITING MAINTENANCE

B38 | B39 HOURS | B43 | B44 HOURS | B48 | B49 HOURS

MAINTENANCE/SUPPLY RECORD

JOB STATUS	DATE	TIME	EOC
B53	B54	B58	B62
B65	B66	B70	B74
C08	C09	C13	C17
C20	C21	C25	C29
C32	C33	C37	C41
C44	C45	C49	C53
C56	C57	C61	C65
D08	D09	D13	D17

JOB CONTROL NUMBER: A08 ORG | A11 DAY | A14 SER | A17 SUF | A19 WORK CENTER

REMOVED/OLD ITEM: E08 MFGR | E13 SERIAL NUMBER

INSTALLED/NEW ITEM: G08 MFGR | G13 SERIAL NUMBER

E23 PART NUMBER | E38 DATE REMOVED | G23 PART NUMBER

E42 TIME/CYCLES | E47 TIME/CYCLES | E52 TIME/CYCLES | G38 TIME/CYCLES | G43 TIME/CYCLES | G48 TIME/CYCLES

DISCREPANCY

PILOT/INITIATOR

CORRECTIVE ACTION

CF REQ ☐ QA REQ ☐ RFI BCM

CORRECTED BY | INSPECTED BY | SUPERVISOR | MAINT CONTROL

MODEX | P R I | TURN-IN DOCUMENT | SYSTEM / REASON | M C N

Figure 4-4: VIDS/MAF Copy 1 (OPNAV 4790/60)

A22
WORK UNIT CODE

VIDS/MAF OPNAV 4790/60 (REV.5-88)

COPY 2

S/N 0107-LF-002-5900
ORG(QUALITY ASSURANCE VIDS COPY)
AIMD (SUPPLY DEPT VIDS COPY)

No. SWP 4826

A48 TYPE EQUIP	A52 BU/SER NUMBER	A58 DISCD	A59 T/M	A60 POSIT	A 6 2 F I D	A65 SAFETY/EI SER	A69 METER	SE MFGR	A74	F21	INVENTORY F22 PERM UNIT CODE	F28

REPAIR CYCLE

	DATE	TIME	EOC
RECEIVED	B08	B12	B16
IN WORK	B19	B23	B27
COMPLETED	B30	B34	

MATERIAL DATA

1 ORG CODE

2 NATIONAL STOCK NUMBER

2 SMIC

4 UNIT OF ISSUE | 5 QUANTITY

6 COG SYMBOL | PURPOSE SYMBOL

8 CONDITION CODE | 9 MATERIAL CONTROL CODE

10 UNIT PRICE

11 SUPPLY ACTION DATE | 12 RECORD TYPE

13 SHIP TO RIC

JOB CONTROL NUMBER A19 WORK CENTER

A08 ORG | A11 DAY | A14 SER | A17 SUF

REMOVED/OLD ITEM

E08 MFGR | E13 SERIAL NUMBER

E23 PART NUMBER | E38 DATE REMOVED

E42 TIME/CYCLES | E47 TIME/CYCLES | E52 TIME/CYCLES

INSTALLED/NEW ITEM

G08 MFGR | G13 SERIAL NUMBER

G23 PART NUMBER

G38 TIME/CYCLES | G43 TIME/CYCLES | G48 TIME/CYCLES

DISCREPANCY

PILOT/INITIATOR

CORRECTIVE ACTION

CF REQ | QA REQ
RFI | BCM

CORRECTED BY | INSPECTED BY | SUPERVISOR | MAINT CONTROL

MODEX | P R I | TURN-IN DOCUMENT | SYSTEM / REASON | M C N

Figure 4-5: VIDS/MAF Copy 2 (OPNAV 4790/60)

MODEL/PART NO. (1) | PART OF: (2) | MFR. CODE (3) | SERIAL NUMBER (4) | CUSTOMER ACTY. (5) | SUB CUSTODIAN (6) | SCHEDULED LAB CODE (7) | U/C (8) | ITEM CONTROL NO. (9) T 28482

MODEL/PART NO. (CHANGE) (1A) | PART OF: (CHANGE) (2A) | MFR. CODE (CHANGE) (3A) | SERIAL NUMBER (CHANGE) (4A) | CUSTOMER ACTY. CHANGE (5A) | SUB CUSTODIAN (CHANGE) (6A) | LAB CODE (CHANGE) (7A) | EQUIPMENT CONTROL NO. (10)

NOMENCLATURE (11) | SUB CATEGORY CODE (12) | NATIONAL STOCK NUMBER (13) | PLANT ACCOUNT NO (14) | QTY. (15) | SERVICING ON SITE (16) | DATE LAST SVCD. (17) MO. DAY YR. | CALIBRATION DUE (18) MO. DAY YR.

INVENTORY/RECALL INSTRUCTIONS (19)

1		MO. DAY YR.
2	RESCHEDULE DATE TO:	
3	ADD TO INVENTORY	
4	TRANSFER CUSTODY TO: ACTIVITY IN BLOCK 5A	
5	DELETE FROM INVENTORY	
6		
7	RECORD MAN HOURS ONLY	

REMARKS (20)

FOR LABORATORY USE ONLY

SERVICING LAB (21) CODE | SHOP NO. (22) | DATE RECEIVED (23) MO. DAY YR.

DATE INDUCTED (23A) MO. DAY YR.

LAB TYPE (24) | VALUE IF FIXED STD (25)

DATE COMPLETED (26) MO. DAY YR.

STANDARD HOURS (27) | METRL. CYCLE (28)

NEXT DUE DATE (29) MO. DAY YR.

E N T E R O U T O F T O L E R A N C E V A L U E S O N L Y

PROCEDURE STEP NUMBER (30)	FUNCTION TESTED (31)	NOMINAL VALUE (32)	FIRST MEAS. VALUE (33)	LOWER TOLERANCE (34)	UPPER TOLERENCE (35)

CLASS STD (36) | APPROVED PROCEDURE (37)

PHASE/LEVEL (38) | PROCEDURE USED (39)

MAN HOUR CALIB. (40) | CALIB. JOB ORDER NO. (41)

MAN HOUR REPAIR (42) | REPAIR JOB ORDER NO. (43)

MODIF. HOURS (44) | SEB NUMBER (45)

GSE REWORK NO. (46) | SEC NUMBER (47)

1ST TECHNICIAN (48) | 2ND TECHNICIAN (49) | SUPERVISOR: (50)

PARTS REPLACED

CIRCUIT SYMBOL (51)	PART NUMBER (52)	MFR. CODE (53)	NATIONAL STOCK NUMBER (54)	COST OF PART (55)	QTY. (56)	TO AWAITING PARTS (57) MO DAY YR.	OFF AWAITING PARTS (58) MO. DAY YR.

SERVICING LABEL ATTACHED (59)		TYPE OF EQUIPMENT (60)	
1	CALIBRATED	1	ELECTRONIC
2	SPECIAL CALIBRATION	2	COAXIAL/MICROWAVE
3	REJECTED	3	OPTICAL/DIMENSIONAL
4	CALIBRATION NOT REQ	4	PHYSICAL/MECHANICAL
5	INACTIVE	5	ELECTRICAL
6	REPAIR (NO LABEL)	6	SPECIAL SUPPORT

CONDITION RECEIVED (61)		DELAY STATUS (62)	
1	IN TOLERANCE	1	PARTS
2	OUT OF TOLERANCE	2	TECH DATA
3	OPER FAIL/IN OP	3	STANDARDS
4	DAMAGED	4	PERSONNEL
EQUIPMENT STATUS (63)		5	ACCESSORIES
1	COND. BEYOND ECON REPAIR	6	BACKLOG
2	RET'D TO CUSTOMER UNCALIBRATED	7	OTHER

METROLOGY EQUIPMENT RECALL AND REPORT
OPNAV FORM 4790/58 (07/74) METER CARD

REQUEST REPLY FORM ☐ MEC POMONA ☐ NASCR PAC ☐ NASCR LANT (64)

☐ (65) CAL LAB STANDARD

DPF COPY

MODEL/PART NO. (A) | MFR. CODE (B) | SERIAL NUMBER (C) | NOMENCLATURE (D) | ITEM CONTROL NO. (E) T 28482

TO: (F)

CALIB. JOB ORDER NO. (G) | REPAIR JOB ORDER NO. (H) | DATE DUE IN LAB (I) MO. DAY YR. | DATE REC'D BY LAB (J) MO. DAY YR. | ACCEPTED BY (K)

EQUIPT. LOCATION (L) | DATE INDUCTED (M) MO. DAY YR. | DATE DUE OUT OF LAB (N) MO. DAY YR. | DATE RET'D TO CUST (O) MO. DAY YR. | ACCEPTED BY (P)

ACCESSORIES RECEIVED (Q)

	POWER CORD		LEADS
	MANUALS		COVERS

(R) LAB SHOP NO. (S)

REMARKS AND SPECIAL REQUESTS (U)

FROM: (T)

MODEL/PART NO. (V) | MFR. CODE (W) | SERIAL NUMBER (X) | NOMENCLATURE (Y) | ITEM CONTROL NO. (Z) T 28482

OPNAV FORM 4790/58A (07/74) EQUIPMENT IDENTIFICATION AND RECEIPT TAG (I.D. TAG)

THIS PAPER HAS NO CONTENT OF POLYCHLOROBIPHENY L

(POLYCHLOROBIPHENYL)

Figure 4-6: Metrology Equipment and Recall Report (OPNAV 4790/58) Meter Card and Equipment Identification and Receipt Tag (OPNAV 4790/58A)

CHAPTER 5 - Data Validation, Correction and Deletion

Table of Contents

Paragraph	Subject	Page
5.1	Data Validation	5-1
5.2	Computer Generation of Data Elements	5-1
5.3	Local data base Correction and Deletion Procedures	5-2
5.4	NAVFLIRS Three Month Local History Correction and Deletion Procedures	5-6
5.5	Central Data Bank Correction Procedures	5-7

CHAPTER 5 - Data Validation, Correction and Deletion

5.1 Data Validation

MDS source documents are forwarded on a daily basis from the reporting activity to the NDCSC for machine processing. As data from the source documents are extracted and converted to machine sensitive formats, each data element that enters the MDS must be validated to a prescribed set of validation specifications. If data are found to be invalid/erroneous, those elements will be flagged on the applicable DAR and corrective measures taken as described in paragraph 5.3. Validation specifications for data elements in the MDS are detailed by source document type in the Maintenance Data Validation Specifications (A7257-01) report which is available on the internet at https://logistics.navair.navy.mil/.

5.2 Computer Generation of Data Elements

a. DOCNUM.

(1) The DOCNUM will be computer generated for all records except VIDS/MAF Copy 1, METER Card (Green Copy), and NAVFLIRS, which will be printed on the source document and will fulfill the unique characteristics for these records. The purpose of the DOCNUM is to uniquely identify any single record entered into the local NDCSC data base.

(2) DOCNUM for all records other than VIDS/MAF Copy 1, METER Card (Green Copy), or NAVFLIRS will be machine generated in the following format:

Position 1-3 = Julian day the record entered the system.
Position 4-7 = A four character numeric serial number.

(3) DOCNUM will be unique within RECTYP, for example, the first 60 records entering the system on Julian day 163 will be assigned DOCNUM 1630001, the second 60 records entered will be assigned DOCNUM 1630002. When RECTYP is taken into consideration with DOCNUM, a uniqueness is formed.

(4) The DOCNUM from the top of the VIDS/MAF Copy 1, METER Card (Green Copy), or NAVFLIRS source documents will serve as a unique number to identify individual VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records, or NAVFLIRS 7B, 7C, 7D, 7E, 7F, and 7G RECTYPs or families.

(5) DOCNUM will appear with RECTYP on each DAR to facilitate data corrections/deletions, except for VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records, and NAVFLIRS RECTYPs 7B, 7C, 7E, 7F, and 7G, where DOCNUM will be displayed prior to specific source document or family.

(6) In the case of duplicate DOCNUMs, VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records will be identified with an asterisk (*) immediately to the left of the letter prefix of the duplicate record. For NAVFLIRS RECTYP, duplicate DOCNUMs will appear on the DAR Part IV. The duplicate record will not be applied to the master file.

b. EOC Code. The 2nd and 3rd position of the EOC Code (VIDS/MAF Copy 1) will be computer generated using the rules in the following paragraphs.

(1) If 1st position of EOC Code is A, the computer will generate a zero in the 2nd and 3rd position of the EOC Code.

(2) If the first position of the EOC Code is in the range of B-H, J-L, or W-Z, and the first two positions of the WUC are 03, 04, or in the range of 11-99, the computer will generate the second and third

positions of the EOC Code, using the first two positions of the WUC. Otherwise, blanks will be placed into the second and third positions of the EOC Code by the computer.

(3) EOC Code generation will occur prior to validation.

(4) Late submissions (Away Code Z) will have EOC Codes generated as applicable.

5.3 Local data base Correction and Deletion Procedures

a. Local input and data base errors shall be corrected on a daily basis, as they are identified. The procedures below are provided for the correction of erroneous input data contained in the data base at the local NDCSC, prior to making a submission to COMNAVAIRSYSCOM (AIR-3.3.4) and preparing monthly reports.

b. These procedures are not to be confused with correction and deletion procedures contained in paragraph 5.4, which apply only to the central data bank maintained by COMNAVAIRSYSCOM (AIR-3.3.4). NAVFLIRS 3-month local history correction/deletion procedures are in paragraph 5.4.

(1) Corrections and Deletions to MDS Source Documents. Reporting activities will submit MDS source documents daily to their local NDCSC for processing. The NDCSC will enter data from source documents per Appendix B and produce DARs. As data errors are encountered, the following procedures will apply:

(a) If data errors are noticed during the data entry operation, the NDCSC shall circle the erroneous/illegible data element(s) in red and return the source document to the reporting activity for correction and resubmission.

(b) If data errors are not noticed during the data entry operation, the system will validate all input records (including R-Supply) per this chapter and identify data errors on the applicable DAR as described in Chapter 6. A seven-character DOCNUM will be associated with each record entering the system to facilitate data record uniqueness.

(2) The reporting activity will screen the DARs for accuracy. Any data element or record/RECTYP contained on the Part I or Part II of the DAR that is found to be in error will be annotated as follows.

(a) Any data field requiring correction or change will be lined out with a single red line. The correct data will be handscribed immediately above the lined out entry and a C will be recorded under the CC column on the far right side of the record/RECTYP or immediately to the left of the letter prefix in the case of VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records.

(b) Any data element within a record that is to be deleted will be lined out with a single red line and a C will be recorded under the CC column on the far right side of the record or immediately to the left of the letter prefix in the case of VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records. When data elements have been deleted the entire record will appear minus the deleted data elements on the DAR Part I (if still valid) or Part II (if invalid) with a C to the left of the letter prefix, except for all other RECTYPs, where the C will appear in the CC column of the specific RECTYP.

NOTE: Only numeric validation will apply to RECTYP 7E DTEDEP for documents that remain invalid more than one month (cumulative NAVFLIRS DAR Part II).

(c) If a whole record/source document is to be deleted, a D will be recorded directly under the CC column on the far right side of the record or immediately to the left of the letter prefix in the case of VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records. All records being deleted will appear on DAR Part I (if VM family is still valid) or Part II (if VM family becomes invalid) with a D to the left of the

letter prefix, except for all other RECTYPs, where a D will appear in the CC column. When deleting VIDS/MAF Copy 1 H-Z RECTYPs, delete only the first record that requires deletion. All the subsequent RECTYPs will automatically be deleted. Any records that were automatically deleted must be resubmitted if still applicable.

(d) The deletion of a VIDS/MAF Copy 1 or METER Card (Green Copy) A record will cause the entire family of A-Z records associated with that DOCNUM to be deleted. A VIDS/MAF Copy 1 or METER Card (Green Copy) B record cannot be deleted.

(e) The deletion of a NAVFLIRS RECTYP 7B will cause the entire family of RECTYPs associated with that DOCNUM to be deleted. PAGENR1 LEGNR1 of RECTYP 7E or 7F cannot be deleted.

(f) Computer generated EOC code corrections shall be accomplished as follows:

1) If corrections are applied to the WUC, 2nd and 3rd positions of previously generated EOC Codes will be replaced by revised 1st and 2nd position of WUC. Only corrections to 1st position of EOC Code will be allowed.

2) If 1st position of EOC Code is changed from B-H, J-L or W-Z to A, 2nd and 3rd position of EOC Code will be replaced by zeros.

3) If 1st position of EOC Code is changed from A to B-H, J-L or W-Z then 2nd and 3rd position of EOC Code will be replaced by 1st two positions of WUC.

(g) The following rules apply to the correction of the AWAY/CORRCD data elements, for all RECTYPs (except NAVFLIRS).

1) VIDS/MAF Copy 1 A Record. CORRCD of 1 or 2 cannot be corrected. Source documents must be deleted and resubmitted. Any other characters in CC 78 may be corrected as necessary.

2) VIDS/MAF Copy 1 B-Z Records. Any character in CC 78 may be corrected to a 2 or Blank as necessary.

3) 60-67 RECTYPs. Any character in CC 78 may be corrected as necessary.

(3) There are eight data elements in which corrections are not allowed. If corrections are required for these elements, the record will require deletion following the procedures above, and the source document will be resubmitted. VIDS/MAF Copy 1, METER Card (Green Copy), or NAVFLIRS will require a new source document (with a new DOCNUM). Data elements falling into this category are:

BU/SERNO	(all records except 60-67 or NAVFLIRS)
ORG	
DOCNUM	
TRCODE	(VIDS/MAF Copy 1 with TRCODE 00, 02, or 03)
RECTYP	
TEC	(all records except NAVFLIRS)
DATE/TIME	(VIDS/MAF Copy 1 with TRCODE 00, 02, or 03)
SSN	(NAVFLIRS RECTYP 7D only)

(4) The reporting activity will return the annotated DARs to the NDCSC with the following day's submission of source documents. NALCOMIS sites will submit corrections using applicable on-line functions. Correction/deletion records will be entered from the annotated DARs in the following format:

CARD COLUMN	DATA ELEMENT	NOTES	
1-3	ORG	1.	ORG will be entered in CC 1-3 of all corrections/deletions.
8-13	BU/SERNO	1.	Entered in correction/deletion records for all records except 60-67 or NAVFLIRS RECTYP 7D.
8-16	SSN	1.	Entered in correction/deletion records for NAVFLIRS RECTYP 7D only.
24-26	DATA SOURCE	1.	When making corrections to data elements for RECTYPs other than VIDS/MAF Copy 1 or METER Card (Green Copy) A - Z records, or NAVFLIRS RECTYPs, the data source will be taken from the data source header line of the DAR in the column corresponding to the data element being corrected. Although this will appear on the listing as a one or two position field, it will be entered right justified with leading zeros inserted.
		2.	When deleting records, other than VIDS/MAF Copy 1 or METER Card (Green Copy) A - Z records, this field will be left blank.
		3.	When making corrections to VIDS/MAF Copy 1 or METER Card (Green Copy) A - Z records, data source will be made up of the letter prefix from the far left side of the report followed by the number contained in parentheses to the left of the data element being corrected.
		4.	When making corrections to NAVFLIRS RECTYPs, data source will be made up of the letter contained in the corresponding RECTYP from the far right side of the report followed by the number contained in the corresponding column of the header line of the data element being corrected.
		5.	When deleting VIDS/MAF Copy 1 or METER Card (Green Copy) A - Z records, the letter prefix will be entered in CC 24 with CC 25-26 being left blank.
		6.	For all records, other than VIDS/MAF Copy 1 or METER Card (Green Copy) A - Z records, or NAVFLIRS RECTYPs, the data source column headers on the DAR represents the beginning position of that field in the original data entry format for the applicable record.
28-42	CORRECTED DATA	1.	When making corrections, this field will reflect the data to which the element will be corrected. This will be the handscribed data above the lined out entry.
		2.	When deleting a data element or complete record, this field will be left blank.
43-49	SERIAL NUMBER	1.	This field will be computer generated, CC 43-45 will reflect the Julian day the NAVFLIRS correction/deletion record entered the system and CC 46-49 will be assigned sequentially from 0001-9999.
		2.	This field is for COMNAVAIRSYSCOM (AIR-3.3.4) processing and is invisible to the local user.
50	AWAY	1.	This field will reflect the away code if applicable for NAVFLIRS only.
51-53	DPCODE/SUPORG	1.	This field will reflect the NDCSC ORG code where the NAVFLIRS correction/deletion record is being processed.
65	PAGENR	1.	This field will reflect the corresponding PAGENR for which the correction/deletion is being accomplished. This only applies to data

CARD COLUMN	DATA ELEMENT	NOTES	
			submitted on NAVFLIRS RECTYPs 7C, 7E, 7F, and 7G.
66	LINE or LEGNR	1.	This field will reflect the corresponding LINE or LEGNR for which the correction/deletion is being accomplished. This only applies to data submitted on NAVFLIRS RECTYPs 7C, 7E, 7F, and 7G.
67-73	DOCNUM	1.	This field will reflect the DOCNUM for the corresponding record/RECTYP on the DAR that is being corrected/deleted.
74-75	TRCODE	1.	This field will reflect the TRCODE displayed on the DAR. This only applies to data submitted on VIDS/MAF Copy 1 or METER Card (Green Copy).
76-77	SOURCE RECTYP	1.	This field will contain the RECTYP of the record being corrected/deleted.
		2.	VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records will reflect VM.
79-80	RECTYP	1.	CC 79 will contain the code which identifies the corrective action (C=correction, D=delete).
		2.	CC 80 will contain an R.

NOTE: A correction record/RECTYP will be entered for each data element to be changed; that is, if two data elements in a single record/RECTYP require correction, two correction records will be entered.

(5) Correction records are entered and applied to the local data base during normal daily processing. After a correction has been applied, the entire record will be revalidated and appear on the applicable DAR. If the record with new data validates correctly, it will appear on the Part I for VIDS/MAF Copy 1 or METER Card (Green Copy) family A-Z records with a C left of the letter prefix; for all other RECTYPs, the C will appear under the CC column header. When a record is deleted, the record will appear on the Part I for VIDS/MAF Copy 1 or METER Card (Green Copy) family A-Z records with a D left of the letter prefix. For all other RECTYPs the D will appear under the CC column header.

(6) When correction records cannot be applied because of errors such as an invalid data source, no matching DOCNUM, etc., they will be printed on the DAR Part III as described in Chapter 6. The data element causing the correction record to be in error will be underscored with asterisks. Duplicate CR/DR, those with the same document number and data source block, will appear on Part III with an asterisk (*) under the CC field. The reporting activity will research the error, line out the erroneous element with a single red line, and annotate the correction element above the lined out element. After annotation, the DAR Part III may be returned to the NDCSC where the record will be entered directly from the Part III report.

(7) Whenever an invalid RECTYP, DOCNUM, ORG, missing A or B record, or missing 7B, 7C, 7E, or 7F RECTYP is encountered, it cannot be processed into the local data base or forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). These records will be displayed on the DAR Part IV in record image format. The reporting activities will have to work in concert with the NDCSC to resolve these errors. Since the record will not reside in the local data base, the original source document will have to be resubmitted if the data in fact requires entry into the data base.

(8) Where the NDCSC provides microform machine reports, locally produced forms may be used to effect data verification and corrections. Such forms should be designed by the local NDCSC preparing the microform reports.

c. Corrections to Master Roster Reports. The NDCSC will provide an E-00 and a NAVFLIRS-00 upon implementation and at the beginning of each accounting period. If data requires correction/change, the reporting activity will accomplish such changes through the normal submission of the proper source documents (VIDS/MAFs using TRCODE 00, 02, or 03 or Naval Aircraft Flight Records RECTYP 7D) (as applicable).

d. Late Submission. The system flow should allow for at least one correction update to facilitate the correction of any errors noted on the last DAR run on the last day of the month. Errors submitted on previous updates but not corrected may also be applied at this time. The NDCSC will establish a monthly cut-off date/time. New source documents or corrections may not be applied after the cut-off.

(1) Source documents submitted after the monthly cut-off date/time will be held and processed in the next accounting period. These records will appear on DARs as validation requirements dictate. Validation requirements will not be applicable to accounting period relational validation. Normal corrections/deletions as stated in this chapter shall apply. Late submission (Away Z) or RECTYPs with a CORRCD of 1 or 2 will not be considered for monthly reports but will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4) or to a NDCSC when effecting a NDCSC transfer. To indicate late submissions, a Z will be entered in the away field of each record, except for the following:

(a) VIDS/MAF Copy 1 or METER Card (Green Copy) where the Z will be entered in the away field of the A record only.

(b) NAVFLIRS RECTYPs submitted at a NDCSC other than the supporting NDCSC of the aircraft reporting custodian (foreign NDCSC) will have a 4 entered in the away field of all RECTYPs associated with that family. The data will be applied to Weapons Proficiency Data and Fiscal Year Summary on NAVFLIRS-3.

(2) Corrections submitted after the monthly cut-off will not be applied following local correction procedures. NAVFLIRS corrections will be processed only by following the procedures in paragraph 5.3. All other MDS corrections will be processed only by following the procedures in paragraph 5.4.

5.4 NAVFLIRS Three Month Local History Correction and Deletion Procedures

a. The NAVFLIRS history file will contain valid transaction records for the previous 3 calendar months at the local (NDCSC) level. NAVFLIRS allows for correction/deletion procedures to the history file as described in the following paragraphs.

b. Correction to the History File.

(1) Submit a Naval Aircraft Flight Record (OPNAV 3710/4) with the original DOCNUM. Fill out only the RECTYP(s) requiring correction(s), substituting allowable corrections for the erroneous data and place a C in the EXCD block. This procedure will retrieve the document from the history file.

NOTE: Only numeric validation will apply to RECTYP 7E DTEDEP for documents that remain invalid more than one month (cumulative NAVFLIRS DAR Part II).

(2) The corrected source document will appear on the applicable DAR. If further corrections/deletions are required, use daily CR/DR procedures as stated earlier in this chapter. Following revalidation, these corrections/deletions will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4) with the normal NDCSC submission for the month. If the document is from the aircraft reporting custodian, COMNAVAIRSYSCOM (AIR-3.3.4) will apply the C/D record to the existing document within their data bank.

c. Adding a RECTYP to existing document currently in history file.

(1) Submit a Naval Aircraft Flight Record with the original DOCNUM and a D in the EXCD block of RECTYP 7B. This procedure will delete the original source document. Resubmit with a new DOCNUM. Aircraft reporting custodians submitting documents affecting history, will insert a Z in the "Away from Home" block on the DCF. (The Z will appear in all RECTYPs associated with this DOCNUM in position 78.)

(2) If the new document becomes invalid following validation and is routed to DAR Part II, use the CR/DR procedures to correct the errors.

d. Foreign NDCSC. Submission of NAVFLIRS source documents at a NDCSC (NDCSC) that is not the same NDCSC that provides data services for the ORG (aircraft reporting custodian) documented in Block 7B-21, will require a DCF with a 4 in the "Away From Home" block. This 4 will appear on all NAVFLIRS RECTYPs associated with this submission. These source documents will be used to update the local data base only.

5.5 Central Data Bank Correction Procedures

a. Effect of Local Correction Procedures. Local correction procedures are not effective to correct records already received in the central data bank at COMNAVAIRSYSCOM (AIR-3.3.4) for the VIDS/MAF Copy 1 or METER Card (Green Copy) records (RECTYP A-Z); Material Reporting Data (RECTYPs 60, 61, 63, 64, 65, 66, or 67); and Inventory, SCIR, Utilization and Individual Master Roster data (RECTYPs 52, 53, 70, 79, and 7Z). Local correction procedures are effective with NAVFLIRS data RECTYPs 7B, 7C, 7D, 7E, 7F, and 7G.

b. Correction of VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z Records.

(1) Submit an exact duplicate (original DOCNUM including errors) of the A record from the erroneous source document with a 1 in position 78 (not applicable for TR codes 00, 02, or 03). Only the A record will be submitted. DO NOT SUBMIT B-Z RECORDS. This will delete all corresponding A-Z records previously submitted for the erroneous VIDS/MAF Copy 1 or METER Card (Green Copy) source document. These documents will be sent to the master file without validation applied except for DOCNUM and ORG and will appear on the applicable DAR.

(2) The corrected A record, if applicable (with a new DOCNUM) must be resubmitted with a 2 in position 78 (not applicable for TR codes 00, 02, or 03). Additionally, all applicable B-Z records associated with the corrected source document must also be resubmitted with a 2 in position 78. These documents will be sent to the master file after all validation (except for COMDAT) has been applied and will appear on the applicable DAR.

c. Correction of Material Reporting Data, RECTYPs 60, 61, 63, 64, 65, 66, or 67. Submit an exact duplicate (including errors) of the erroneous record with a 1 in position 78. This will delete the erroneous record originally submitted. These documents will be sent to the master file without validation applied, and will appear on the applicable DAR. A corrected record, if applicable, will be submitted with a 2 in position 78. These documents will be sent to the master file after all validation has been applied and will appear on the applicable DAR. RECTYP 60 can also be corrected using an alternate method; submit an exact duplicate (including errors) of the erroneous data with 62 in positions 79-80. This will delete the erroneous RECTYP 60 originally submitted. A corrected record, if applicable, will be submitted with a 2 in position 78 and 60 in positions 79-80.

d. Correction of Inventory, SCIR, and Utilization Data, RECTYPs 70 and 79. Submit an exact duplicate (including errors) of the erroneous record with a 1 in position 74. This will delete the erroneous record

originally submitted. A corrected record, if applicable, will be submitted with a 2 in position 74. Corrected RECTYPs 70 and 79 must not be submitted to the local NDCSC for processing. RECTYP 70 corrections should be submitted directly to COMNAVAIRSYSCOM (AIR-3.3.4) using SALTS or magnetic media. RECTYP 79 corrections must be submitted directly to the appropriate controlling custodian. Corrections to RECTYPs 70 or 79 require corresponding corrections/additions to inventory and SCIR/Utilization Data.

e. Correction of Individual Master Roster (IMR) Data, RECTYP 7Z. Submit an exact duplicate (including errors) of the erroneous record with a 1 in position 78. This will delete the erroneous record originally submitted. A corrected record, if applicable, will be submitted with a 2 in position 78. RECTYP 7Z corrections should be submitted directly to COMNAVAIRSYSCOM (AIR-3.3.4) and must not be submitted to the local NDCSC for processing. RECTYP 7Z corrections should be sent to COMNAVAIRSYSCOM (AIR-3.3.4) using SALTS or magnetic media.

f. Correction of NAVFLIRS Data, RECTYPs 7B, 7C, 7D, 7E, 7F, and 7G. This data is corrected and deleted using the local data base procedures in paragraph 5.2 and 5.3. These corrections must be submitted to the local NDCSC for processing. The local NDCSC will subsequently forward them to COMNAVAIRSYSCOM (AIR-3.3.4). Do not submit these corrections directly to COMNAVAIRSYSCOM (AIR-3.3.4).

CHAPTER 6 - Daily Reports

Table of Contents

Paragraph	Subject	Page
6.1	Introduction	6-1
6.2	DD 1348 Daily Audit Report	6-1
6.2.1	Report Heading Format	6-2
6.2.2	Part Heading Format	6-2
6.2.3	Column Heading Format	6-2
6.2.4	Position Heading Format	6-3
6.2.5	Detail Format	6-4
6.3	NAVFLIRS Daily Audit Report	6-5
6.3.1	Report Heading Format	6-6
6.3.2	Part/ORG Heading Format	6-7
6.3.3	Detail Format	6-8
6.3.4	Personnel Data Headings	6-8
6.3.5	Document Number/Total Page(s)	6-10
6.3.6	Aircraft Data Headings	6-10
6.3.7	Aircrew Data Headings	6-12
6.3.8	Logistics Data Heading	6-15
6.3.9	Weapons Proficiency Data Heading	6-18
6.4	VIDS/MAF Copy 1 Daily Audit Report	6-23
6.4.1	Report Heading Format	6-24
6.4.2	Part Heading Format	6-25
6.4.3	ORG/WC Identification Heading Format	6-25
6.4.4	Detail Format	6-25
6.5	VIDS/MAF Copy 2 Daily Audit Report	6-33
6.5.1	Report Heading Format	6-33
6.5.2	Part Heading Format	6-34
6.5.3	Column Heading Format	6-34
6.5.4	Position Heading Format	6-35
6.5.5	Detail Format	6-36
6.6	Daily Audit Report Part III - Erroneous Corrections and Deletions	6-36
6.6.1	Report Heading Format	6-37
6.6.2	Part Heading Format	6-37
6.6.3	Column Heading Format	6-38
6.6.4	Position Heading Format	6-38
6.6.5	Detail Format	6-39
6.7	Daily Audit Report Part IV - Unprocessable Data	6-39

Paragraph	Subject	Page
6.7.1	Report Heading Format	6-43
6.7.2	Part Heading Format	6-44
6.7.3	Detail Format	6-45

List of Illustrations

Figure	Title	Page
6-1	DD 1348 Daily Audit Report	6-47
6-2	NAVFLIRS Daily Audit Report (Part I and Part II)	6-48
6-3	NAVFLIRS Daily Audit Report (Part V)	6-49
6-4	VIDS/MAF Copy 1 Daily Audit Report	6-50
6-5	VIDS/MAF Copy 2 Daily Audit Report	6-51
6-6	Daily Audit Report Part III	6-52
6-7	Daily Audit Report Part IV	6-53

CHAPTER 6 - Daily Reports

6.1 Introduction

MDS DARs are prepared each day that source documents are submitted. The purpose of the audit reports is to verify data that was entered into the local data base as compared to the original document. The daily reports will be prepared for each ORG as outlined in this chapter and available via paper copy/magnetic media. The magnetic media will be printable from an MS-DOS microcomputer at the ORG level. Magnetic media will satisfy TYCOM requirements for retention of required reports. Distribution symbols, when required, may be printed in the upper left-hand corner of the report, above the report headings.

6.2 DD 1348 Daily Audit Report

a. Data Source. The DD 1348 DAR (Figure 6-1) will be prepared from data submitted on the DOD Single Line Item Requisition System Document (DD 1348).

b. Sort Sequence. The DD 1348 DAR will reflect data sorted in the following sequence (major to minor):

(1) SUPORG.

(2) ORG.

(3) RECTYP.

(a) 66.

(b) 60, 62, 64, 65, 67.

1) REQDAT.

2) REQNUM.

c. Control. Control for the DD 1348 DAR will be accomplished in the following manner:

(1) Skip a line after printing report heading and column heading (do not skip a line between column and data source headings).

(2) Print all headings on each page.

(3) Eject to a new page upon change in SUPORG or ORG.

(4) Each detail line will represent a single DD 1348 source document.

(5) The DD 1348 DAR will be printed in two parts. Part I will contain all data records which were found to be valid after applying the validation specifications contained in Maintenance Data Validation Specifications (A7257-01) (available on the internet at https://logistics.navair.navy.mil). Part II is a cumulative report containing all records submitted during the current reporting period which contain errors that have not been corrected. Cumulative errors to be identified in DAR # field as follows:

1 - First repeat on DAR Part II
2 - Second repeat on DAR Part II
X - Third and subsequent repeats on DAR Part II

(6) All detail lines for Part I will be double spaced. Detail lines for Part II will be triple spaced with asterisks printed immediately below the data field in error. Page overflow will occur between Parts I and II.

6.2.1 Report Heading Format

Report heading for the DD 1348 DAR heading will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
DD	1-2	1
1348	4-7	1
DAILY	52-56	1
AUDIT	58-62	1
REPORT	64-69	1
REPORT DAY	112-113	2
REPORT MONTH	115-117	2
REPORT YEAR	119-120	2

6.2.2 Part Heading Format

Part heading for the DD 1348 DAR will be printed as follows:

a. PART I

DATA ELEMENT	PRINT POSITION	NOTES
PART	51-54	1
I	56	1
-	58	1
VALID	60-64	1
DATA	66-69	1

b. PART II

DATA ELEMENT	PRINT POSITION	NOTES
PART	50-53	1
II	55-56	1
-	58	1
INVALID	60-66	1
DATA	68-71	1
DAR	124-126	1
#	128	1

6.2.3 Column Heading Format

Column headings for the DD 1348 DAR will require two lines of print and will be printed as follows:

a. Line 1

DATA ELEMENT	PRINT POSITION	NOTES
REQ	31-33	1

REQ	36-38	1
*	40-45	1
JCN	46-48	1
*	49-54	1
TOTPRC/	74-80	1
M	93	1
SUP	96-98	1
SUP	100-102	1
AWAY/	104-108	1
DOC	111-113	1
REC	116-118	1
C	120	1

b. Line 2

DATA ELEMENT	PRINT POSITION	NOTES
ORG	1-3	1
NSNPN	10-14	1
UI	21-22	1
QTY	26-28	1
DATE	30-33	1
NUM	36-38	1
ORG	40-42	1
DAY	44-46	1
ER	48-50	1
SUF	52-54	1
EC	57-59	1
COG	61-63	1
PRJ	65-67	1
PRI	69-71	1
WUC	76-78	1
MFGR	84-87	1
P	89	1
C	91	1
C	93	1
DATE	95-98	1
ORG	100-102	1
CORR	104-107	1
NUMBER	109-114	1
TYP	116-118	1
C	120	1

6.2.4 Position Heading Format

Position headings for the DD 1348 DAR will require two lines of print and will be printed as follows:

a. Line 1

DATA ELEMENT	PRINT POSITION	NOTES
6	89	1
6	91	1
7	93	1

b. Line 2

DATA ELEMENT	PRINT POSITION	NOTES
1	2	1
4	12	1
19	21-22	1
21	27-28	1
26	31-32	1
30	37-38	1
34	41-42	1
37	45-46	1
40	49-50	1
43	52-53	1
45	57-58	1
49	62-63	1
51	66-67	1
54	69-70	1
56	77-78	1
63	85-86	1
8	89	1
9	91	1
0	93	1
71	96-97	1
75	100-101	1
78	105-106	1

6.2.5 Detail Format

Detail lines for the DD 1348 DAR will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG	1-3		DD 1348	B
NSNPN	5-19		DD 1348	4,5,6
UI	21-22		DD 1348	7
QTY	24-28		DD 1348	8
REQDAT	30-33		DD 1348	11
REQNUM	35-38		DD 1348	12
JCNORG	40-42		DD 1348	L,M
JCNDAY	44-46		DD 1348	L,M
JCNSER	48-50		DD 1348	L,M
JCNSUF	52-53		DD 1348	L,M
TEC	56-59		DD 1348	N

COG	62-63		DD 1348	18
PROJ	65-67		DD 1348	19
PRI	69-70		DD 1348	20
WUC	74-80		DD 1348	P
TOTPRC	73-81	3	DD 1348	O
MFGR	83-87		DD 1348	R
PURP	89		DD 1348	70
COND	91		DD 1348	71
MATCOND	93		DD 1348	73
SUPDAT	95-98		DD 1348	Below V
SUPORG	100-102		DCF	
AWAY	106		DCF	
DOCNUM	109-115		Computer Generated	
RECTYP	117-118		DD 1348	V
C	120	4		
D	120	5		
DAR #	126	6		

a. Totals. There will be no totals accumulated or printed for the DD 1348 DAR.

b. Notes. Notes for the preparation of the DD 1348 DAR are as follows:

1 - Machine-generated literal.
2 - Day, month, and year that the report is printed (in DDMMYY format).
3 - If RECTYP is 66 print TOTPRC with two decimal places.
4 - Machine-generated for record being corrected.
5 - Machine-generated for record being deleted.
6 - Machine-generated blank, 1, 2, or X.

6.3 NAVFLIRS Daily Audit Report

a. Data Source. The NAVFLIRS Daily Audit Report (Figures 6-2 and 6-3) will be prepared daily from data submitted on the Naval Aircraft Flight Record (OPNAV 3710/4).

b. Sort Sequence. The NAVFLIRS Daily Audit Report will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) BUNO.

(3) DOCNUM.

(4) RECTYP. (Not applicable to the Daily Audit Report Part V.)

(5) PAGENR. (Not applicable to the Daily Audit Report Part V.)

(6) LINENR/LEGNR. (Not applicable to the Daily Audit Report Part V.)

c. Control. Control for the NAVFLIRS Daily Audit Report will be accomplished as follows:

(1) Skip a line after each part of the report heading.

(2) Print heading on each page.

(3) Eject to a new page upon change in ORG and after all RECTYP 7Ds within ORG.

(4) Each source document with the exception of Personnel Data RECTYP 7D and Aircraft Data RECTYP 7B will cause multiple data group headings (record types) and detail lines to be printed depending on the data documented on the source document.

(5) If the source document does not contain any data identified to a particular RECTYP, that heading will be suppressed.

(6) The NAVFLIRS DAR will be printed in three parts. Part I will contain all data records which were found to be valid after applying the validation specifications contained in Maintenance Data Validation Specifications (A7257-01) (available on the internet at https://logistics.navair.navy.mil). Part II is a cumulative report containing all records submitted during the current reporting period and previous reporting periods which contain errors that have not been corrected. Cumulative errors to be identified in the DAR# field as follows:

1 - First repeat on DAR Part II
2 - Second repeat on DAR Part II
X - Third and subsequent repeats on DAR Part II

Part V will summarize each NAVFLIRS document for the current reporting period that appears on DAR Part I, DAR Part II, and all records that appear on the DAR Part II for the previous reporting period.

(7) Skip a line after each data group heading and the detail data heading.

(8) Detail data heading containing more than one line will be single spaced.

(9) Data groups containing more than one detail data print line will be double spaced on the DAR Part I.

(10) Detail lines on the DAR Part II will be double spaced as appropriate to allow printing of asterisks below the data field in error.

(11) Page break will occur between DAR Part I, DAR Part II, and DAR Part V.

(12) Page overflow is allowed within DOCNUM. When this occurs, repeat the printing of the DOCNUM and TOTAL PAGE(s) at the top of the new page in addition to all other headers.

(13) RECTYP 7D records will be printed prior to all other RECTYPs on Part I or Part II.

(14) When duplicate lines within the same RECTYP with equal DOCNUM are encountered, the first duplicate line will be applied to either Part I or Part II (as appropriate), and the second duplicate line will appear on Part V (not applied to the master file).

6.3.1 Report Heading Format

Report heading for the NAVFLIRS DAR will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
NAVFLIRS	1-8	1
DAILY	58-62	1

AUDIT	64-68	1
REPORT	70-75	1
REPORT DAY	122-123	2
REPORT MONTH	125-127	2
REPORT YEAR	129-130	2

6.3.2 Part/ORG Heading Format

Part/ORG heading for the NAVFLIRS DAR will be printed as follows:

a. PART I

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		3710/4	7B-21
ORG NAME	10-29			
PART	58-61	1		
I	63	1		
-	65	1		
VALID	67-71	1		
DATA	73-76	1		

b. PART II

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		3710/4	7B-21
ORG NAME	10-29			
PART	56-59	1		
II	61-62	1		
-	64	1		
INVALID	66-72	1		
DATA	74-77	1		
DAR#	129-132	1		

c. PART V

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		3710/4	7B-21
ORG NAME	10-29			
PART	50-53	1		
V	55	1		
-	57	1		
SUMMARY	59-65	1		
DATA	67-70	1		

6.3.3 Detail Format

Detail lines will be printed sequentially by ORG, BUNO, DOCNUM, TEC, DTEDEP, TIMDEP, LEGNR1, and RECTYP. All RECTYP 7Ds will be printed in DOCNUM sequence prior to other RECTYPs. The detail format will, in some cases, require multiple print lines within RECTYPs 7C, 7E, 7F, and 7G. When multiple print lines occur they will be printed in PAGENR and LINENR sequence, with the exception of 7E and 7F records, which will be printed sequentially by LEGNR. Source documents containing RECTYP 7D will not contain any other RECTYPs and the entire printing of other RECTYPs will be suppressed. For other source documents, the printing of RECTYPs 7B, 7C, 7E, and 7F are mandatory. RECTYP 7G printing will be suppressed if it does not contain data within DOCNUM.

6.3.4 Personnel Data Headings

a. Record Type Heading Format. Record type headings for the NAVFLIRS DAR Part I/II (Personnel Data/RECTYP 7D) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
PERSONNEL	60-68	1
DATA	70-73	1

b. Column Heading Format. Column headings for the NAVFLIRS DAR Part I/II (Personnel Data/RECTYP 7D) will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
C	131	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
DOCNUM	1-6	1
SYL	9-11	1
ORG	14-16	1
EXCD	19-22	1
INITIALS	25-32	1
SSN	38-40	1
SVC	46-48	1
DATE	50-53	1
ASC	56-58	1
SSC	61-63	1
NAME	71-74	1
GRADE	82-86	1
NATOPS	89-94	1
MED	96-98	1
INST	102-105	1
WATER	107-111	1
PHYS	114-117	1

AWAY	122-125	1
RT	128-129	1
C	131	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
1	4	1
B17	9-11	1
B21	14-16	1
C10	20-22	1
C11	25-27	1
C12	30-32	1
C13	38-40	1
C23	46-48	1
E16	51-53	1
E29	56-58	1
E33	61-63	1
D34	71-73	1
D48	83-85	1
D50	90-92	1
D54	96-98	1
D58	102-104	1
D62	108-110	1
D66	114-116	1
78	123-124	1
79	128-129	1

c. Detail Format. Detail lines for the NAVFLIRS DAR Part I/II (Personnel Data/RECTYP 7D) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
DOCNUM	1-7		3710/4	Top Left of Form
SYL	9-12		3710/4	7B-17
ORG	14-16		3710/4	7B-21
EXCD	21		3710/4	7C-10
INITIALS	26 & 31		3710/4	7C-11 & 12
SSN	35-43		3710/4	7C-13
SVC	47		3710/4	7C-23
DATE	50-53		3710/4	7E-16
ASC	57		3710/4	7E-29
SSC	62		3710/4	7E-33
NAME	66-79		3710/4	7D-34
GRADE	83-86	9	3710/4	7D-48
NATOPS	90-93		3710/4	7D-50
MED	96-99		3710/4	7D-54
INST	102-105		3710/4	7D-58
WATER	108-111		3710/4	7D-62

PHYS	114-117		3710/4	7D-66
AWAY	124		DCF	
RT	128-129		3710/4	7D-79
C	131	3		
D	131	4		
DAR #	132	5		

6.3.5 Document Number/Total Page(s)

The Document Number and Total Page(s) for the NAVFLIRS DAR Part I/II will be printed in front of each set of RECTYPs with the exception of RECTYP 7D as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
DOCUMENT	1-8	1		
NUMBER:	10-16	1		
DOCNUM	18-24		3710/4	Top Left of Form
TOTAL	27-31	1		
# OF PAGE(S)	33		3710/4	Top Right of Form
PAGE(S)	35-41	1		
DAR#	132	5		

6.3.6 Aircraft Data Headings

a. Record Type Heading Format. Record type headings for the NAVFLIRS DAR Part I/II (Aircraft Data/RECTYP 7B) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
AIRCRAFT	60-67	1
DATA	69-72	1

b. Column Heading Format. Column headings for the NAVFLIRS DAR Part I/II (Aircraft Data/RECTYP 7B) will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
P	1	1
EX	3-4	1
TOTAL	36-40	1
MISSION	42-48	1
REQUIREMENT	50-60	1
DATA	62-65	1
SUPT	75-78	1
TOT	82-84	1
TOT	89-91	1
C	131	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
G	1	1
CD	3-4	1
BUNO	8-11	1
TEC	16-18	1
ORG	23-25	1
MSN1	31-34	1
HRS1	38-41	1
MSN2	46-49	1
HRS2	53-56	1
MSN3	61-64	1
HRS3	68-71	1
CODE	75-78	1
FLT	82-84	1
HRS	89-91	1
OPS	97-99	1
CJ	104-105	1
MISNUM	110-115	1
AWAY	122-125	1
RT	128-129	1
C	131	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
8	1	1
10	3-4	1
11	9-10	1
17	17-18	1
21	24-25	1
24	32-33	1
27	39-40	1
30	47-48	1
33	54-55	1
36	62-63	1
39	69-70	1
42	76-77	1
44	83-84	1
46	97-98	1
47	104-105	1
49	113-114	1
78	123-124	1
79	128-129	1

c. Detail Format. Detail lines for the NAVFLIRS DAR Part I/II (Aircraft Data/RECTYP 7B) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
PG	1		3710/4	Top Right of Form
EXCD	4		3710/4	7B-10
BUNO	7-12		3710/4	7B-11
TEC	16-19		3710/4	7B-17
ORG	23-25		3710/4	7B-21
MSN1	32-34		3710/4	7B-24
HRS1	38-41	7	3710/4	7B-27
MSN2	47-49		3710/4	7B-30
HRS2	53-56	7	3710/4	7B-33
MSN3	62-64		3710/4	7B-36
HRS3	68-71	7	3710/4	7B-39
SUPT CODE	76-77		3710/4	7B-42
TOT FLT	83-84		3710/4	7B-44
TOT HRS	89-92	6	3710/4	7B-27, 33, 39
OPS	98		3710/4	7B-46
CJ	104-105		3710/4	7B-47
MISNUM	109-117		3710/4	7B-49
AWAY	124		DCF	
RT	128-129		3710/4	7B-79
C	131	3		
D	131	4		

6.3.7 Aircrew Data Headings

a. Record Type Heading Format. Record type headings for the NAVFLIRS DAR Part I/II (Aircrew Data/RECTYP 7C) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
AIRCREW	61-67	1
DATA	69-72	1

b. Column Heading Format. Column headings for the NAVFLIRS DAR Part I/II (Aircrew Data/RECTYP 7C) will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
P	1	1
L	3	1
EX	5-6	1
INT	9-11	1
SPL	24-26	1
FLIGHT	33-38	1
TIME	40-43	1
INST	49-52	1
NITE	56-59	1
*	61-68	1
LANDINGS	69-76	1

*	77-83	1
*	85-91	1
APPROACHES	92-101	1
*	102-107	1
TRNG	110-113	1
CODE	115-118	1
C	131	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
G	1	1
N	3	1
CD	5-6	1
F	9	1
L	11	1
SSN	17-19	1
QUL	24-26	1
SVC	28-30	1
FPT	32-34	1
CPT	37-39	1
SCT	42-44	1
ACT	47-49	1
SIM	52-54	1
TIME	56-59	1
TY	61-62	1
NR	64-65	1
TY	67-68	1
NR	70-71	1
TY	73-74	1
NR	76-77	1
TY	79-80	1
NR	82-83	1
TY	85-86	1
NR	88-89	1
TY	91-92	1
NR	94-95	1
TY	97-98	1
NR	100-101	1
TY	103-104	1
NR	106-107	1
1	110	1
2	114	1
3	118	1
AWAY	122-125	1
RT	128-129	1
C	131	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
8	1	1
9	3	1
10	5-6	1
11	8-9	1
12	11-12	1
13	17-18	1
22	24-25	1
23	28-29	1
24	33-34	1
27	38-39	1
30	43-44	1
33	48-49	1
36	53-54	1
39	57-58	1
42	61-62	1
43	64-65	1
45	67-68	1
46	70-71	1
47	73-74	1
48	76-77	1
49	79-80	1
50	82-83	1
51	85-86	1
52	88-89	1
53	91-92	1
54	94-95	1
55	97-98	1
56	100-101	1
57	103-104	1
58	106-107	1
59	109-110	1
62	113-114	1
65	117-118	1
78	123-124	1
79	128-129	1

c. Detail Format. Detail lines for the NAVFLIRS DAR Part I/II (Aircrew Data/RECTYP 7C) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
PG	1		3710/4	Top Right of Form
LN	3		3710/4	7C-9
EXCD	6		3710/4	7C-10
FINT	9		3710/4	7C-11
LINT	12		3710/4	7C-12
SSN	14-22		3710/4	7C-13
SPL QUL	25		3710/4	7C-22

	SVC	29		3710/4	7C-23
	FPT	31-34	7	3710/4	7C-24
	CPT	36-39	7	3710/4	7C-27
	SCT	41-44	7	3710/4	7C-30
	ACT	46-49	7	3710/4	7C-33
	SIM	51-54	7	3710/4	7C-36
	NITE TIME	56-59	7	3710/4	7C-39
LANDINGS					
	TY	62		3710/4	7C-42
	NR	64-65		3710/4	7C-43
	TY	68		3710/4	7C-45
	NR	71		3710/4	7C-46
	TY	74		3710/4	7C-47
	NR	77		3710/4	7C-48
	TY	80		3710/4	7C-49
	NR	83		3710/4	7C-50
APPROACHES					
	TY	86		3710/4	7C-51
	NR	89		3710/4	7C-52
	TY	92		3710/4	7C-53
	NR	95		3710/4	7C-54
	TY	98		3710/4	7C-55
	NR	101		3710/4	7C-56
	TY	104		3710/4	7C-57
	NR	107		3710/4	7C-58
	TRNG CODE 1	109-111		3710/4	7C-59
	TRNG CODE 2	113-115		3710/4	7C-62
	TRNG CODE 3	117-119		3710/4	7C-65
	AWAY	124		DCF	
	RT	128-129		3710/4	7C-79
	C	131	3		
	D	131	4		

6.3.8 Logistics Data Heading

a. Record Type Heading Format. Record type headings for the NAVFLIRS DAR Part I/II (Logistics Data/RECTYP 7E and 7F) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
LOGISTICS	61-69	1
DATA	71-74	1

b. Column Heading Format. Column headings for the NAVFLIRS DAR Part I/II (Logistics Data/RECTYP 7E and 7F) will require four lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
CONFIRMED	67-75	1
PAYLOAD	77-83	1

OPPORTUNE	92-100	1
PAYLOAD	102-108	1
CONF	112-115 1	
DATA	117-120	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
P	1	1
L	4	1
EX	7-8	1
TI	11-12	1
*	15-17	1
TIME	18-21	1
*	22-24	1
LEG	27-29	1
*	32-34	1
DATE	35-38	1
*	39-41	1
*	44-46	1
ICAO	47-50	1
*	51-53	1
PRI	65-67	1
PRI	69-71	1
PRI	73-75	1
PRI	77-79	1
PRI	81-83	1
CRGO	86-89	1
PAX	92-94	1
CRGO	97-100	1
CD	103-104	1
CD	107-108	1
MAX	112-114	1
MAX	117-119	1
C	131	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
G	1	1
G	4	1
CD	7-8	1
ZN	11-12	1
DEP	15-17	1
ARR	22-24	1
FH	27-28	1
DEP	32-34	1
ARR	39-41	1
DEP	44-46	1
ARR	51-53	1

SS	56-57	1
DIST	59-62	1
1	66	1
2	70	1
3	74	1
4	78	1
5	82	1
LBS	86-88	1
NR	93-94	1
LBS	97-99	1
1	104	1
2	108	1
PAX	112-114	1
CRGO	117-120	1
AWAY	123-126	1
RT	128-129	1
C	131	1

(4) Line 4

DATA ELEMENT	PRINT POSITION	NOTES
8	1	1
9	4	1
10	7-8	1
11	11-12	1
E12	15-17	1
F12	22-24	1
E16	32-34	1
F16	39-41	1
E20	44-46	1
F20	51-53	1
24	56-57	1
25	60-61	1
37	66-67	1
40	70-71	1
43	74-75	1
46	78-79	1
49	82-83	1
52	87-88	1
57	93-94	1
60	98-99	1
65	103-104	1
66	107-108	1
67	113-114	1
70	118-119	1
78	124-125	1
79	128-129	1

c. Detail Format. Detail lines for the NAVFLIRS DAR Part I/II (Logistics Data/RECTYP 7E and 7F) will require two lines for each LEG and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
PG	1		3710/4	Top Right of Form
LG	4		3710/4	7E-9
EXCD	8		3710/4	7E-10
TIZN	12		3710/4	7E-11
TIME DEP	15-18		3710/4	7E-12
DATE DEP	32-35		3710/4	7E-16
ICAO DEP	41-47		3710/4	7E-20
PRI 1	65-67		3710/4	7E-37
PRI 2	69-71		3710/4	7E-40
PRI 3	73-75		3710/4	7E-43
PRI 4	77-79		3710/4	7E-46
PRI 5	81-83		3710/4	7E-49
CRGO LBS	85-89		3710/4	7E-52
PAX NR	92-94		3710/4	7E-57
CRGO LBS	96-100		3710/4	7E-60
CD 1	104		3710/4	7E-65
CD 2	108		3710/4	7E-66
MAX PAX	112-114		3710/4	7E-67
MAX CRGO	116-120		3710/4	7E-70
AWAY	125		DCF	
RT	128-129		3710/4	7E-79
C	131	3		
D	131	4		

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
PG	1		3710/4	Top Right of Form
LG	4		3710/4	7F-9
EXCD	8		3710/4	7F-10
TIME ARR	21-24		3710/4	7F-12
LEG FH	26-29	7, 8		
DATE ARR	38-41		3710/4	7F-16
ICAO ARR	50-53		3710/4	7F-20
SS	57		3710/4	7F-24
DIST	59-62		3710/4	7F-25
AWAY	125		DCF	
RT	128-129		3710/4	7F-79
C	131	3		
D	131	4		

6.3.9 Weapons Proficiency Data Heading

a. Record Type Heading Format. Record type headings for the NAVFLIRS DAR Part I/II (Weapons Proficiency Data/RECTYP 7G) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WEAPONS	55-61	1
PROFICIENCY	63-73	1
DATA	75-78	1

b. Column Heading Format. Column headings for the NAVFLIRS DAR Part I/II (Weapons Proficiency Data/RECTYP 7G) will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
P	1	1
L	5	1
EX	8-9	1
LN	12-13	1
*	16-20	1
TRNG	21-24	1
AREA	26-29	1
DATA	31-34	1
*	35-39	1
DELIVERY	43-50	1
DATA	52-55	1
1	57	1
DELIVERY	63-70	1
DATA	72-75	1
2	77	1
DELIVERY	83-90	1
DATA	92-95	1
3	97	1
MISC-1	102-107	1
MISC-2	112-117	1
C	131	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
G	1	1
N	5	1
CD	8-9	1
NR	12-13	1
AREA-1	16-21	1
HRS	24-26	1
AREA-2	29-34	1
HRS	37-39	1
ORD	42-44	1
DEL	47-49	1
RUNS	51-54	1
SCR	56-58	1
ORD	62-64	1

DEL	67-69	1
RUNS	71-74	1
SCR	76-78	1
ORD	82-84	1
DEL	87-89	1
RUNS	91-94	1
SCR	96-98	1
CD	102-103	1
DATA	105-108	1
CD	112-113	1
DATA	115-118	1
AWAY	122-125	1
RT	128-129	1
C	131	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
8	1	1
9	5	1
10	8-9	1
11	12-13	1
12	18-19	1
19	25-26	1
21	31-32	1
28	38-39	1
30	43-44	1
34	48-49	1
36	52-53	1
38	57-58	1
41	63-64	1
45	68-69	1
47	72-73	1
49	77-78	1
52	83-84	1
56	88-89	1
58	92-93	1
60	97-98	1
63	102-103	1
65	106-107	1
68	112-113	1
70	116-117	1
78	123-124	1
79	128-129	1

c. Detail Format. Detail lines for the NAVFLIRS DAR Part I/II (Weapons Proficiency Data/RECTYP 7G) will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
PG	1		3710/4	Top Right of Form
LN	5		3710/4	7G-9
EXCD	9		3710/4	7G-10
LN NR	13		3710/4	7G-11
AREA-1	16-22		3710/4	7G-12
HRS	24-26	7	3710/4	7G-19
AREA-2	29-35		3710/4	7G-21
HRS	37-39	7	3710/4	7G-28
ORD1	42-45		3710/4	7G-30
DEL1	48-49		3710/4	7G-34
RUNS1	52-53		3710/4	7G-36
SCR1	56-58		3710/4	7G-38
ORD2	62-65		3710/4	7G-41
DEL2	68-69		3710/4	7G-45
RUNS2	72-73		3710/4	7G-47
SCR2	76-78		3710/4	7G-49
ORD3	82-85		3710/4	7G-52
DEL3	88-89		3710/4	7G-56
RUNS3	92-93		3710/4	7G-58
SCR3	96-98		3710/4	7G-60
MISC-1 CD	102-103		3710/4	7G-63
MISC-1 DATA	105-107		3710/4	7G-65
MISC-2 CD	112-113		3710/4	7G-68
MISC-2 DATA	115-117		3710/4	7G-70
AWAY	124		DCF	
RT	128-129		3710/4	7G-79
C	131	3		
D	131	4		

d. Summary Data Heading

(1) Column Heading Format. Column heading for the DAR Part V will require two lines of print and will be printed as follows:

(a) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
DOCUMENT	12-19	1
TOTAL	33-37	1
*	43-44	1
CURRENT	45-51	1
MONTH	53-57	1
*	58-59	1
PRIOR	63-67	1
MONTH	69-73	1

(b) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	2-5	1
NUMBER	12-17	1
DATE	24-27	1
HOURS	33-37	1
PART	43-46	1
I	48	1
PART	53-56	1
II	58-59	1
PART	65-68	1
II	70-71	1

(2) Detail Format. Detail lines for the NAVFLIRS DAR Part V will be as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BUNO	1-6	10	3710/4	7B-11
DOCNUM	12-18	10	3710/4	Top Left of Form
DATE	24-27	10	3710/4	7E-16
TOTAL HOURS	33-37	6, 13	3710/4	7B-27, 33, 39
CURRENT MONTH PART I	44-48	7, 11		
CURRENT MONTH PART II	54-58	7, 11		
PRIOR MONTH PART II	66-70	7, 12		

(3) Summary Total/Percent Heading/Detailed Format. Summary of flight hours totals for the current and prior month. Percentages for the current month will be printed as follows:

Heading/Detailed Column Format for total hours

Line 1
(Heading)

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	1-5	1

(Detailed)

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL HOURS	32-37	7, 14
TOTAL HOURS	43-48	7, 14
TOTAL HOURS	53-58	7, 14
TOTAL HOURS	65-70	7, 14

Heading/Detailed Format for percentage

Line 1
(Heading)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT (Detailed)	1-7	1
PERCENT	33-37	7, 15
PERCENT	44-48	7, 15
PERCENT	54-58	7, 15

(a) Totals. There will be no accumulated or printed totals for the NAVFLIRS DARs.

(b) Notes. Notes for the preparation of the NAVFLIRS DARs are as follows:

1 - Machine-generated literal.
2 - Day, month, and year that the report is printed (in DDMMYY format).
3 - Machine-generated for record being corrected.
4 - Machine-generated for record being deleted.
5 - Machine-generated blank, 1, 2, or X.
6 - FH equals total of RECTYP 7B HRS1 + HRS2 + HRS3.
7 - Print a decimal to separate hours from tenths of hours.
8 - LEG FH will be the calculated difference, in hours and tenths, between each arrive/depart data entry.
9 - Print a dash in print position 84 to separate O, W, or E from rank/rate.
10 - Print BUNO, DOCNUM, or date that appears on the DAR Part I and DAR Part II.
11 - Print total hours for each document that appears on the DAR Part I, and DAR Part II for the current reporting period.
12 - Print total hours for each document that appears on the DAR Part II for the previous reporting period.
13 - Print total hours that are within current reporting period.
14 - Print column totals.
15 - Calculate percentages based on the total of the total hours column current reporting period.

6.4 VIDS/MAF Copy 1 Daily Audit Report

a. Data Source. The VIDS/MAF Copy 1 DAR (Figure 6-4) will be prepared daily from data submitted on VIDS/MAF Copy 1 (OPNAV 4790/60) or METER Card (OPNAV 4790/58) (Green Copy).

b. Sort Sequence. The VIDS/MAF Copy 1 DAR will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) WC.

(3) JCN.

(4) DOCNUM.

c. Control. Control for the VIDS/MAF Copy 1 DAR will be accomplished in the following manner:

(1) Skip a line after printing report part and ORG/WC identification lines.

(2) Print headings on each page.

(3) Eject to a new page upon change in ORG/WC.

(4) Each source document will cause multiple detail lines to be printed. From four to twenty-nine detail print lines may be printed, depending on the data documented on the source document.

(5) The VIDS/MAF Copy 1 DAR will be printed in two parts. Part I will contain all data records which were found to be valid after applying the validation specifications contained in Maintenance Data Validation Specifications (A7257-01) (available on the internet at https://logistics.navair.navy.mil), and data which are being deleted. Part II is a cumulative report containing all records submitted during the current reporting period which contain errors that have not been corrected. Cumulative errors to be identified in DAR # field as follows:

1 - First repeat on DAR Part II
2 - Second repeat on DAR Part II
X - Third and subsequent repeats on DAR Part II

(6) All detail lines for Part I will be double spaced. Detail lines for Part II will be double spaced with asterisks printed immediately below the data field in error. Page overflow will occur between Part I and Part II.

(7) Page overflow is allowed within DOCNUM. When this occurs, repeat the printing of DOCNUM at the top of the new page in addition to other headers.

(8) When duplicate records, that is, more than one of the same RECTYP with equal DOCNUM, are encountered, print all records but apply only the first one to the data base. Flag all duplicates (those not applied to the data base) with an asterisk to the left of the letter prefix.

(9) If TRCODE indicates invalid RECTYPs submitted, they will be applied to the data base and flagged with an asterisk under the letter prefix.

(10) If TRCODE indicated missing required RECTYPs, these RECTYPs will be generated and validated.

(11) Computer generation of second and third position of EOC Code will occur, when first position of EOC Code is documented, using these rules: if the first position of the EOC code is in the range of B-H, J-L, or W-Z, and the first two positions of the WUC are 03, 04, or in the range of 11-99, the computer will generate the second and third positions of the EOC code, using the first two positions of the WUC. Otherwise, blanks will be placed into the second and third positions of the EOC code by the computer.

6.4.1 Report Heading Format

Report heading for the VIDS/MAF Copy 1 DAR will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
VIDS/MAF	1-8	1
COPY	10-13	1
1	15	1
DAILY	52-56	1

AUDIT	58-62	1
REPORT	64-69	1
REPORT DAY	112-113	2
REPORT MONTH	115-117	2
REPORT YEAR	119-120	2

6.4.2 Part Heading Format

Part heading for the VIDS/MAF Copy 1 DAR will be printed as follows:

a. PART I

DATA ELEMENT	PRINT POSITION	NOTES
PART	51-54	1
I	56	1
-	58	1
VALID	60-64	1
DATA	66-69	1

b. PART II

DATA ELEMENT	PRINT POSITION	NOTES
PART	50-53	1
II	55-56	1
-	58	1
INVALID	60-66	1
DATA	68-71	1
DAR	124-126	1
#	128	1

6.4.3 ORG/WC Identification Heading Format

The ORG/WC identification heading for the VIDS/MAF Copy 1 DAR will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
			METER Card	20
ORG NAME	10-29			
WORK	31-34	1		
CENTER:	36-42	1		
WC	44-46		MAF-1	A19
			METER Card	20

6.4.4 Detail Format

Detail lines for the VIDS/MAF Copy 1 DAR will require multiple print lines for each source document processed. These print lines will be grouped in alphabetic sequence by the alphabetic prefix of block number on the source document. The basic format for each grouping will be each block number encircled by parenthesis, followed by the data contained in that block. Because of the number of blocks contained in

groupings A, B, and C, two print lines will be required to reflect these data. All other groupings will require only one print line. The printing of groupings A and B are mandatory for each source document processed except for upline deletions. If any of the groupings C-Z do not contain data, omit the entire printing of that particular group that was not documented. No zero suppression will take place on this report. A, D or C will be printed on VIDS/MAF Copy 1 immediately before the record type, print position 2, to denote deleted or corrected records. Detail format for each grouping is as follows:

a. Document Number. Document Number will be printed in front of each set of data from the source document as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
DOCUMENT	1-8	1		
NUMBER:	10-16	1		
DOCNUM	18-24		MAF-1 METER Card	Top of Form
DAR #	126	7, 8		

b. Group A (Line 1) Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
A	4	1		
(08)	7-10	1		
JCNORG	11-13		MAF-1 METER Card	A08 20
(11)	15-18	1		
JCNDAY	19-21		MAF-1 METER Card	A11 20
(14)	23-26	1		
JCNSER	27-29		MAF-1 METER Card	A14 20
(17)	31-34	1		
JCNSUF	35-36		MAF-1 METER Card	A17 20
(19)	38-41	1		
WC	42-44		MAF-1 METER Card	A19 20
(22)	46-49	1		
WUC	50-56		MAF-1 METER Card	A22 20
(29)	58-61	1		
ORG	62-64		MAF-1 METER Card	A29 20
(32)	66-69	1		
TRCODE	70-71		MAF-1 METER Card	A32 20
(34)	73-76	1		
ML	77		MAF-1	A34

			METER Card	20
(35)	79-82	1		
AT1	83		MAF-1	A35
			METER Card	20
(36)	85-88	1		
MAL1	89-91		MAF-1	A36
			METER Card	20
(39)	93-96	1		
IP	97-98		MAF-1	A39
			METER Card	20
(41)	100-103	1		
MHRS	104-107		MAF-1	A41
			METER Card	20
(45)	109-112	1		
EMT	113-115		MAF-1	A45
			METER Card	20

c. Group A (Line 2) Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
(48)	7-10	1		
TEC	11-14		MAF-1	A48
			METER Card	20
(52)	16-19	1		
BUNO	20-25		MAF-1	A52
			METER Card	20
(58)	27-30	1		
WD	31		MAF-1	A58
			METER Card	20
(59)	33-36	1		
TM	37		MAF-1	A59
			METER Card	20
(60)	39-42	1		
POS	43-44		MAF-1	A60
(62)	46-49	1		
FID	50-52		MAF-1	A62
(65)	54-57	1		
SAFSER	58-61		MAF-1	A65
(69)	63-66	1		
METER	67-71		MAF-1	A69
(78)	73-76	1		
AWAY	77		DCF	

d. Group B (Line 1) Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
B	4	1		

(08)	7-10	1		
RECDAT	11-14		MAF-1	B08
			METER Card	20
(12)	16-19	1		
RECTIM	20-23		MAF-1	B12
(16)	25-28	1		
RECEOC	29-31	6	MAF-1	B16
(19)	33-36	1		
INDAT	37-40		MAF-1	B19
			METER Card	20
(23)	42-45	1		
INTIM	46-49		MAF-1	B23
(27)	51-54	1		
INEOC	55-57	6	MAF-1	B27
(30)	59-62	1		
COMDAT	63-66		MAF-1	B30
			METER Card	20
(34)	68-71	1		
COMTIM	72-75		MAF-1	B34
(38)	77-80	1		
AWMRS1	81		MAF-1	B38
(39)	83-86	1		
AWMHR1	87-90		MAF-1	B39
(43)	92-95	1		
AWMRS2	96		MAF-1	B43
(44)	98-101	1		
AWMHR2	102-105		MAF-1	B44
(48)	107-110	1		
AWMRS3	111		MAF-1	B48

e. Group B (Line 2) Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
(49)	7-10	1		
AWMHR3	11-14		MAF-1	B49
(53)	16-19	1		
JS1	20		MAF-1	B53
(54)	22-25	1		
JSDAT1	26-29		MAF-1	B54
(58)	31-34	1		
JSTIM1	35-38		MAF-1	B58
(62)	40-43	1		
JSEOC1	44-46	6	MAF-1	B62
(65)	48-51	1		
JS2	52		MAF-1	B65
(66)	54-57	1		
JSDAT2	58-61		MAF-1	B66
(70)	63-66	1		
JSTIM2	67-70		MAF-1	B70
(74)	72-75	1		

JSEOC2	76-78	6	MAF-1	B74
(78)	80-83	1		
CORRCD	85		DCF	

f. Group C (Line 1) Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
C	4	1		
(08)	7-10	1		
JS3	11		MAF-1	C08
(09)	13-16	1		
JSDAT3	17-20		MAF-1	C09
(13)	22-25	1		
JSTIM3	26-29		MAF-1	C13
(17)	31-34	1		
JSEOC3	35-37	6	MAF-1	C17
(20)	39-42	1		
JS4	43		MAF-1	C20
(21)	45-48	1		
JSDAT4	49-52		MAF-1	C21
(25)	54-57	1		
JSTIM4	58-61		MAF-1	C25
(29)	63-66	1		
JSEOC4	67-69	6	MAF-1	C29
(32)	71-74	1		
JS5	75		MAF-1	C32
(33)	77-80	1		
JSDAT5	81-84		MAF-1	C33
(37)	86-89	1		
JSTIM5	90-93		MAF-1	C37
(41)	95-98	1		
JSEOC5	99-101	6	MAF-1	C41
(44)	103-106	1		
JS6	107		MAF-1	C44
(45)	109-112	1		
JSDAT6	113-116		MAF-1	C45

g. Group C (Line 2) Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
(49)	7-10	1		
JSTIM6	11-14		MAF-1	C49
(53)	16-19	1		
JSEOC6	20-22	6	MAF-1	C53
(56)	24-27	1		
JS7	28		MAF-1	C56
(57)	30-33	1		

JSDAT7	34-37		MAF-1	C57
(61)	39-42	1		
JSTIM7	43-46		MAF-1	C61
(65)	48-51	1		
JSEOC7	52-54	6	MAF-1	C65
(78)	56-59	1		
CORRCD	61		DCF	

h. Group D Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
D	4	1		
(08)	7-10	1		
JS8	11		MAF-1	D08
(09)	13-16	1		
JSDAT8	17-20		MAF-1	D09
(13)	22-25	1		
JSTIM8	26-29		MAF-1	D13
(17)	31-34	1		
JSEOC8	35-37	6	MAF-1	D17
(78)	39-42	1		
CORRCD	44		DCF	

i. Group E Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
E	4	1		
(08)	7-10	1		
MFGR1	11-15		MAF-1	E08
			METER Card	3
(13)	17-20	1		
SER1	21-30		MAF-1	E13
			METER Card	4
(23)	32-35	1		
PART 1	36-50		MAF-1	E23
			METER Card	1
(38)	52-55	1		
DATREM	56-59		MAF-1	E38
			METER Card	20
(42)	61-64	1		
TIMCY1	65-69		MAF-1	E42
(47)	71-74	1		
TIMCY2	75-79		MAF-1	E47
(52)	81-84	1		

TIMCY3	85-89		MAF-1	E52
(78)	91-94	1		
CORRCD	96		DCF	

j. Group F Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
F	4	1		
(08)	7-10	1		
INTIND	11		MAF-1	F08
(09)	13-16	1		
TDCODE	17-18		MAF-1	F09
(11)	20-23	1		
TDCBAS	24-27		MAF-1	F11
(15)	29-32	1		
TDCREV	33		MAF-1	F15
(16)	35-38	1		
TDCAMD	39		MAF-1	F16
(17)	41-44	1		
TDCPRT	45-46		MAF-1	F17
(19)	48-51	1		
TDCKIT	52-53		MAF-1	F19
(21)	55-58	1		
INVCDE	59		MAF-1	F21
(22)	61-64	1		
PUC	65-70		MAF-1	F22
(78)	72-75	1		
CORRCD	77		DCF	

k. Group G Detail Line

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
G	4	1		
(08)	7-10	1		
MFGR2	11-15		MAF-1	G08
(13)	17-20	1		
SER2	21-30		MAF-1	G13
(23)	32-35	1		
PART2	36-50		MAF-1	G23
(38)	52-55	1		
TIMCY4	56-60		MAF-1	G38
(43)	62-65	1		
TIMCY5	66-70		MAF-1	G43
(48)	72-75	1		

TIMCY6	76-80		MAF-1	G48
(78)	82-85	1		
CORRCD	87		DCF	

l. Group H-Z Detail Lines

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
C	2	3		
D	2	4		
*	2	5		
H-Z	4	1	MAF-1	H-Z79
(08)	7-10	1		
FPIND	11		MAF-1	H-Z08
(09)	13-16	1		
AWPIND	17		MAF-1	H-Z09
(10)	19-22	1		
AT2	23		MAF-1	H-Z10
(11)	25-28	1		
MAL2	29-31		MAF-1	H-Z11
(14)	33-36	1		
MFGR3	37-41		MAF-1	H-Z14
(19)	43-46	1		
PART 3	47-61		MAF-1	H-Z19
(34)	63-66	1		
REFSYM	67-73		MAF-1	H-Z34
(41)	75-78	1		
QTY	79-80		MAF-1	H-Z41
(43)	82-85	1		
PRI	86-87		MAF-1	H-Z43
(45)	89-92	1		
DATORD	93-96		MAF-1	H-Z45
(49)	98-101	1		
REQNUM	102-105		MAF-1	H-Z49
(53)	107-110	1		
DATREC	111-114		MAF-1	H-Z53
(78)	116-119	1		
CORRCD	121		DCF	

(1) Totals. There will be no totals accumulated or printed for the VIDS/MAF Copy 1 DAR.

(2) Notes. Notes for the preparation of the VIDS/MAF Copy 1 DAR are as follows:

1 - Machine-generated literal.
2 - Day, month and year that the report is printed (in DDMMYY format).
3 - Machine-generated for record being corrected.
4 - Machine-generated for record being deleted.
5 - Machine-generated for duplicate VIDS/MAF RECTYP transactions.
6 - 2nd and 3rd positions of this data element are computer generated.
7 - Machine-generated blank, 1, 2, or X.
8 - This data element is applicable only to Part II of this report.

6.5 VIDS/MAF Copy 2 Daily Audit Report

a. Data Source. The VIDS/MAF Copy 2 DAR (Figure 6-5) will be prepared daily from data submitted on the VIDS/MAF Copy 2.

b. Sort Sequence. The VIDS/MAF Copy 2 DAR will reflect data sorted in the following sequence (major to minor):

(1) SUPORG.

(2) ORG.

(3) JCN.

(4) RECTYP.

c. Control. Control for the VIDS/MAF Copy 2 DAR will be accomplished in the following manner:

(1) Skip a line after printing report heading, column, and data source heading (do not skip between column heading lines 1 and 2).

(2) Print report heading and column headings on each page.

(3) Eject to a new page upon a change in SUPORG or ORG.

(4) Each detail line will represent a single OPNAV 4790/60 source document.

(5) The VIDS/MAF Copy 2 DAR will be printed in two parts. Part I will contain all data records which were found to be valid after applying the validation specifications contained in Maintenance Data Validation Specifications (A7257-01) (available on the internet at https://logistics.navair.navy.mil). Part II is a cumulative report containing all records submitted during the current reporting period which contain errors that have not been corrected. Cumulative errors to be identified in DAR # field as follows:

1 - First repeat on DAR Part II
2 - Second repeat on DAR Part II
X - Third and subsequent repeats on DAR Part II

(6) All detail lines for Part I will be double spaced. Detail lines for Part II will be triple spaced with asterisks printed immediately below the data field in error. Page overflow will occur between Part I and Part II.

6.5.1 Report Heading Format

Report for the VIDS/MAF Copy 2 DAR will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
VIDS/MAF	1-8	1
COPY	10-13	1
2	15	1
DAILY	52-56	1
AUDIT	58-62	1
REPORT	64-69	1
REPORT DAY	112-113	2

REPORT MONTH	115-117	2
REPORT YEAR	119-120	2

6.5.2 Part Heading Format

Part heading for the VIDS/MAF Copy 2 DAR will be printed as follows:

a. PART I

DATA ELEMENT	PRINT POSITION	NOTES
PART	51-54	1
I	56	1
-	58	1
VALID	60-64	1
DATA	66-69	1

b. PART II

DATA ELEMENT	PRINT POSITION	NOTES
PART	50-53	1
II	55-56	1
-	58	1
INVALID	60-66	1
DATA	68-71	1
DAR	124-126	1
#	128	1

6.5.3 Column Heading Format

Column headings for the VIDS/MAF Copy 2 DAR will require two lines of print and will be printed as follows:

a. Line 1

DATA ELEMENT	PRINT POSITION	NOTES
M	66	1
SUP	69-71	1
*	76-81	1
JCN	82-84	1
*	85-90	1
SUP	94-96	1
AWAY/	100-104	1
DOC	106-108	1
REC	115-117	1
C	120	1

b. Line 2

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-3	1
TEC	10-12	1
MFGR	16-19	1
ORG	23-25	1
NSNPN	32-36	1
UI	45-46	1
QTY	49-51	1
COG	54-56	1
P	60	1
C	63	1
C	66	1
DAT	69-71	1
ORG	76-78	1
DAY	80-82	1
SER	84-86	1
SUF	88-90	1
ORG	94-96	1
CORR	100-103	1
NUMBER	106-111	1
TYP	115-117	1
C	120	1

6.5.4 Position Heading Format

Position heading for the VIDS/MAF Copy 2 DAR will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
1	2	1
8	11	1
12	17-18	1
27	24-25	1
30	34-35	1
45	45-46	1
47	50-51	1
49	55-56	1
51	59-60	1
52	62-63	1
53	65-66	1
54	70-71	1
61	77-78	1
64	81-82	1
67	85-86	1
70	89-90	1
75	95-96	1
78	101-102	1

6.5.5 Detail Format

Detail lines for the VIDS/MAF Copy 2 DAR will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
WUC	1-7		VIDS/MAF-2	A22
TEC	10-13		VIDS/MAF-2	A48
MFGR1	16-20		VIDS/MAF-2	E08
ORG	23-25		VIDS/MAF-2	1
NSNPN	28-42		VIDS/MAF-2	2, 3
UI	45-46		VIDS/MAF-2	4
QTY	50-51		VIDS/MAF-2	5
COG	55-56		VIDS/MAF-2	6
PURP	60		VIDS/MAF-2	7
COND	63		VIDS/MAF-2	8
MCC	66		VIDS/MAF-2	9
SUPDAT	69-72		VIDS/MAF-2	11
JCNORG	76-78		VIDS/MAF-2	A08
JCNDAY	80-82		VIDS/MAF-2	A11
JCNSER	84-86		VIDS/MAF-2	A14
JCNSUF	89-90		VIDS/MAF-2	A17
DPCODE/SUPORG	94-96		DCF	
AWAY	102		DCF	
DOCNUM	106-112			
RECTYP	116-117		VIDS/MAF-2	12
C	120	3		
D	120	4		
DAR #	126	5, 6		

a. Totals. There will be no totals accumulated or printed for the VIDS/MAF Copy 2 DAR.

b. Notes. Notes for the preparation of the VIDS/MAF Copy 2 DAR are as follows:

1 - Machine-generated literal.
2 - Day, month, and year that the report was printed (in DDMMYY format).
3 - Machine-generated for records being corrected.
4 - Machine-generated for records being deleted.
5 - Machine-generated blank, 1, 2, or X.
6 - This data element is applicable only to Part II of this report.

6.6 Daily Audit Report Part III - Erroneous Corrections and Deletions

a. The DAR Part III (Figure 6-6) will be printed to show any correction/deletion records which cannot be applied to the local data base due to erroneous conditions. A separate Part III will be printed for each of the following sources of data:

(1) NAVFLIRS (RECTYP 7B, 7C, 7D, 7E, 7F, 7G).

(2) DD 1348 (RECTYP 60, 62, 64, 65, 66, 67).

(3) VIDS/MAF-1 (RECTYP A-Z).

(4) VIDS/MAF-2 (RECTYP 61, 63).

b. Data Source. The DAR Part III will be printed from all erroneous correction (CC: 79-80 = CR) or deletion (CC: 79-80 = DR) records which are determined to be not processable due to data errors.

c. Sort Sequence. The DAR Part III will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) DOCNUM.

d. Control. Control for the DAR Part III will be accomplished in the following manner:

(1) Skip a line after printing report, column, and position headers (do not skip a line between column and position header lines 1 and 2).

(2) Print report, column, and position header lines on each page.

(3) Eject to a new page upon change in ORG.

(4) Each detail line will represent a single erroneous correction/deletion record.

(5) All detail lines will be triple spaced with asterisks printed immediately below the data field rendering the record unprocessable.

6.6.1 Report Heading Format

Report headings for the DAR Part III will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
DD	1-2	1, 2
1348	4-7	1, 2
NAVFLIRS	1-8	1, 2
TDU	1-3	1, 2
VIDS/MAF	1-8	1, 2
COPY	10-13	1, 2
1	15	1, 2
VIDS/MAF	1-8	1, 2
COPY	10-13	1, 2
2	15	1, 2
DAILY	58-62	1
AUDIT	64-68	1
REPORT	70-75	1
REPORT DAY	118-119	3
REPORT MONTH	121-123	3
REPORT YEAR	125-126	3

6.6.2 Part Heading Format

Part headings for the DAR Part III will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
PART	46-49	1
III	51-53	1
-	55	1
ERRONEOUS	57-65	1
CORRECTIONS/ DELETIONS	67-87	1

6.6.3 Column Heading Format

Column headings for the DAR Part III will require two lines of print and will be printed as follows:

a. Line 1

DATA ELEMENT	PRINT POSITION	NOTES
DATA	28-31	1
LINE/	70-74	1
DOC	83-85	1
TR	95-96	1
SOURCE	104-109	1

b. Line 2

DATA ELEMENT	PRINT POSITION	NOTES
ORG	1-3	1
BUNO/SSN	12-19	1
SOURCE	27-32	1
CORRECTED	41-49	1
DATA	51-54	1
PAGENR	60-65	1
LEGNR	70-74	1
NUMBER	82-87	1
CODE	94-97	1
RECTYP	104-109	1
RECTYP	117-122	1

6.6.4 Position Heading Format

Position heading for DAR Part III will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
1	2	1
8	15	1
24	29-30	1
28	48-49	1
65	62-63	1
66	72-73	1
67	84-85	1

74	95-96	1
76	106-107	1
79	119-120	1

6.6.5 Detail Format

Detail lines for DAR Part III will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE COLUMN
ORG	1-3	4	1-3
BUNO	12-17	5	8-13
BUNO/SSN	12-20	6	8-16
DATA SOURCE	28-30		24-26
CORRECTED DATA	41-54		28-42
PAGENR	63	6	65
LINE/LEGNR	73	6	66
DOCNUM	81-87	4	67-73
TRCODE	95-96	5	74-75
SOURCE RECTYP	106-107		76-77
RECTYP	119-120		79-80

a. Totals. There will be no totals accumulated or printed for the DAR Part III.

b. Notes. Notes for the preparation of the DAR Part III are as follows:

1 - Machine-generated literal.
2 - Print appropriate literal as per applicable RECTYP.
3 - Day, month, and year that the report was printed (in DDMMYY format).
4 - Data in this field must match with data of record being corrected.
5 - Not applicable to NAVFLIRS.
6 - Applicable to NAVFLIRS only.

6.7 Daily Audit Report Part IV - Unprocessable Data

a. The DAR Part IV (Figure 6-7) will be produced for each ORG supported by the NDCSC at each daily processing cycle to show all unprocessable records submitted by that ORG and all unrecognizable records submitted for that processing cycle.

b. Data Source. The DAR Part IV will be prepared from the data in the following paragraphs.

(1) Records which have a record type (CC: 79-80) and CR/DR records which has a source record type (CC: 76-77) which is other than 60-67, A-Z, 7B, 7C, 7D, 7E, 7F, 7G, CR, or DR.

(2) Invalid DOCNUM. (Blank, embedded blanks, and special characters.)

(3) Invalid ORG/SUPORG/JCNORG. (Blank, embedded blanks and special characters.) Systems which do not use an Organization Header File will validate the ORG/SUPORG/JCNORG for all RECTYPs per Maintenance Data Validation Specifications (A7065-01) (available on the internet at https://logistics.navair.navy.mil). Systems which use an Organization Header File will validate the ORG/SUPORG/JCNORG in the following manner:

(a) VIDS/MAF Copy 1 Records - ORG will be validated against the Organization Header File. JCNORG will be validated against the Organization Header File except when ML is 2 or (TM is F and TRCODE is not 72).

(b) 60 Series Records - SUPORG will be validated against the Organization Header File.

(4) Missing A or B record (except when 1 appears in CC: 78 of RECTYP A).

(5) 02 or 03 inventory transactions which have no master inventory record on file.

(6) VIDS/MAF C-Z records with no A and B record.

(7) VIDS/MAF records with TRCODE 00, 02, 03 which fall outside the inventory reporting period.

(8) VIDS/MAF records with TRCODE 00, 02, 03 (for date/time) is invalid.

(9) Invalid BU/SERNO, Invalid TEC. (Blanks, embedded blanks, and special characters.) TEC first position must match an entry in the Aviation 3M Type Equipment Code Listing (A7210-01) report) and positions 3-4 must be alpha/numeric.

(10) VIDS/MAF records with TRCODE 00, 02, or 03 with AWAY/CORRCD of 1 or 2.

(11) VIDS/MAF records with DUP DOCNUM with different ORG.

(12) Duplicate inventory transaction already on file. (Inventory transaction that contains the same ORG, TEC, BU/SERNO, DATE, and TIME will be considered a DUP.)

(13) Invalid Change/Delete to History (NAVFLIRS):

(a) No match found on DOCNUM.

(b) No match found on PAGENR and LINE/LEGNR for RECTYP 7B, 7E, or 7F.

(c) Change could not be processed because record was already deleted.

(d) Change did not match on ORG/TEC/BUNO for RECTYP 7B or SSN for RECTYP 7C.

(e) Delete did not match on all necessary fields. All RECTYPs must match on DOCNUM, RECTYP, PAGENR, and LINE/LEGNR. Each RECTYP also has additional fields which must match before the delete can be processed. These additional fields are as follows:

1) 7B - ORG, TEC, and BUNO.

2) 7C - SSN.

3) 7E - TIMDEP and DTEDEP.

4) 7F - TIMARR and DTEARR.

5) G - TNGAR1 and TNGAR2.

(f) Add could not be processed because PAGENR or LINE/LEGNR was out of range.

(g) Delete could not be processed because record was essential to the document. The following records are essential:

1) 7C - PAGE 1, LINE 1.

2) 7E and 7F - Matching pairs (must be deleted in pairs).

3) 7E and 7F - Only one matching pair on document.

(14) Invalid Document - Missing RECTYP (NAVFLIRS).

(a) A document with an EXCD of X on the 7B record must have the following records:

1) One 7B record.

2) One 7C record with PAGENR of 1 and LINE of 1 (may have more than one 7C record).

3) One 7E record.

(b) A Document without an EXCD of X on the 7B record must have the following records:

1) One 7B record.

2) One 7C record with PAGENR of 1 and LINE of 1 (may have more than one 7C record).

3) One or more 7E records with the same number of 7F records with matching PAGENR and LEGNR values.

(15) Invalid DPCODE/ORG (NAVFLIRS).

(a) 7B ORG first character did not match an entry in the Aviation 3M Organization Code Listing (A7065-01) report, or second and third characters were not alpha/numeric.

(b) DPCODE first character did not match an entry in the Aviation 3M Organization Code Listing (A7065-01) (available on the internet at https://logistics.navair.navy.mil), or second and third characters were not alpha/numeric for at least one record within the document.

(16) Invalid Add - exceeded records for RECTYP (NAVFLIRS). Add could not be processed because it exceeded the maximum number of records allowed for the RECTYP. The maximums are as follows:

(a) One 7B record.

(b) 35 - 7C records.

(c) 25 - 7E records.

(d) 25 - 7F records.

(e) 10 - 7G records.

(17) Invalid GAIN/LOSS/REVISION for RECTYP 7D (NAVFLIRS).

(a) LOSS could not be processed because the IMR record still contained invalid data.

(b) GAIN could not be processed because the previous IMR record still contained invalid data.

(c) REVISION could not be processed because the IMR record still contained invalid data or DATE was in current reporting period (must use CR under these conditions).

(18) Invalid CR/DR/ADD to current month (NAVFLIRS).

(a) CR could not be processed because the record was already deleted.

(b) No match found on DOCNUM for ADD.

(c) Duplicate PAGENR and LINE/LEGNR for ADD.

(d) Added or deleted a single 7E or 7F record. These RECTYPs must be added or deleted in matching pairs.

(e) Changed PAGENR and/or LEGNR on a single 7E or 7F record. These RECTYPs must be added or deleted in matching pairs (for PAGENR and LEGNR).

(f) Added record with same PAGENR and LINE/LEGNR of a record which was deleted. Must wait until next daily processing cycle to add such a record.

(g) Changed 7B EXCD from X to something else and the document did not have any 7F records. Must delete entire document and reenter to change a cancelled flight (with no 7F records) to a regular flight.

(h) CR/DR record had same DOCNUM as the new document.

(i) CR/DR matched on DOCNUM but not of 7B ORG.

(j) CR/DR matched on DOCNUM/7B but not AWAY.

(19) Duplicate DOCNUM/Record in current month (NAVFLIRS).

(a) New document had same DOCNUM as existing document.

(b) Transaction record without an EXCD of C or D had same DOCNUM as a history document.

(20) Invalid DOCNUM/RECTYP (NAVFLIRS).

(a) DOCNUM did not have first four characters as numeric or last three characters as alpha.

(b) RECTYP was not 7B, 7C, 7D, 7E, 7F, 7G, CR, or DR.

(21) Invalid DATE/EXCD/AWAY/SSN for RECTYP 7D (NAVFLIRS).

(a) DATE was not numeric or last three characters were not in range of 001 - 366, or was not within current reporting period or previous month.

(b) EXCD was not a G, L or R.

(c) AWAY was not a Z when DATE was prior to the current reporting period.

(d) SSN was not nine position numeric.

(e) If EXCD was L or R, the SSN on the IMR record did not have the same ORG as the 7D record, or there was no match found on SSN in the IMR.

(22) Invalid Document on Implementation (NAVFLIRS). Only 7D records with EXCD of G are processed on implementation.

(23) Invalid Transaction for Transferred ORG (NAVFLIRS). The transaction DOCNUM matched the DOCNUM of a document which was inactive because the ORG was transferred out of the NDCSC.

(24) ORG not in NDCSC (NAVFLIRS). The 7B ORG was not found in the EMR file and none of the 7C record SSNs were found in the IMR file, therefore no ORG within the NDCSC could be identified to the document.

(25) Duplicate SSN or PAGENR and LINE/LEGNR (NAVFLIRS).

(a) Added a 7C record which had the same SSN as a 7C record already in the document.

(b) The same SSN appeared more than once on the same document.

(c) The same PAGENR and LINE/LEGNR occurred more than once within a RECTYP on the same document.

c. Sort Sequence. The DAR Part IV will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) DOCNUM/RECTYP.

d. Control. Control for the DAR Part IV will be accomplished in the following manner:

(1) Skip a line after printing report heading.

(2) Print report headings on each page.

(3) Each detail line will represent a single input record.

(4) All detail lines will be double spaced.

(5) Eject to a new page upon change in ORG or in the case of 60 Series Records, SUPORG.

6.7.1 Report Heading Format

Report heading for the DAR Part IV will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
ORG:	1-4	1
ORG	6-8	3
ORG NAME	10-29	
DAILY	58-62	1
AUDIT	64-68	1
REPORT	70-75	1
REPORT DAY	123-124	2

REPORT MONTH	126-128	2
REPORT YEAR	130-131	2

6.7.2 Part Heading Format

Part headings for the DAR Part IV will require three lines of print and will be printed as follows:

a. Line 1

DATA ELEMENT	PRINT POSITION	NOTES
PART	53-56	1
IV	58-59	1
	61	1
UNPROCESSABLE	63-75	1
DATA	77-80	1

b. Line 2

DATA ELEMENT	PRINT POSITION	NOTES
RECORD	33-38	1
IMAGE	40-44	1
ERNOTE	85-90	1

c. Line 3

DATA ELEMENT	PRINT POSITION	NOTES
1	1	1
.	2-4	1
5	5	1
.	6-8	1
10	9-10	1
.	11-13	1
15	14-15	1
.	16-18	1
20	19-20	1
.	21-23	1
25	24-25	1
.	26-28	1
30	29-30	1
.	31-33	1
35	34-35	1
.	36-38	1
40	39-40	1
.	41-43	1
45	44-45	1
.	46-48	1
50	49-50	1
.	51-53	1
55	54-55	1

.	56-58	1
60	59-60	1
.	61-63	1
65	64-65	1
.	66-68	1
70	69-70	1
.	71-73	1
75	74-75	1
.	76-78	1
80	79-80	1

6.7.3 Detail Format

Detail lines for the DAR Part IV will be printed in record image format in print positions 1-80. Error messages will be printed in print positions 85-132. The error messages are as follows and coincide numerically with the data source in paragraph 6.7.1:

(1) Invalid RECTYP.

(2) Invalid DOCNUM.

(3) Invalid ORG/SUPORG/JCNORG.

(4) Missing A or B Record.

(5) No Master Inventory REC for TRANS.

(6) Missing A and B Record.

(7) Date falls outside inventory date.

(8) No Master Roster on file.

(9) Invalid Date/Time.

(10) Invalid BU/SERNO/TEC.

(11) Invalid AWAY/CORRCD.

(12) DUP ORG input.

(13) DP inventory input.

(14) Invalid Change/Delete to History.

(15) Invalid Document - Missing RECTYP.

(16) Invalid DPCODE/ORG.

(17) Invalid Add - Exceeded records for RECTYP.

(18) Invalid GAIN/LOSS/REVISION for RECTYP 7D.

(19) Invalid CR/DR/ADD to Current Month.

(20) DUP DOCNUM/Record in Current Month.

(21) Invalid DOCNUM/RECTYP.

(22) Invalid DATE/EXCD/AWAY/SSN for RECTYP 7D.

(23) Invalid Document on Implementation.

(24) Invalid Transaction for Transferred ORG.

(25) ORG not in NDCSC.

(26) DUP SSN or PAGENR and LINE/LEGNR.

a. Totals. There will be no totals accumulated or printed for the DAR Part IV.

b. Notes. Notes for the preparation of the DAR Part IV are as follows:

1 - Machine-generated literal.
2 - Day, month, and year that the report was printed (in DDMMYY format).
3 - Print ORG CODE being processed.

DD1348 DAILY AUDIT REPORT 03 MAY 97
PART I - VALID DATA

ORG	NSNPN	UI	QTY	REQ DATE	REQ NUM	******JCN****** ORG	DAY	SER	SUF	TEC	COG	PRJ	PRI	TOTPRC/ WUC	MFGR	P 68	C 69	MC 70	SUP DATE	SUP ORG	AWAY	DOC NUMBER	REC TYP	CC
1	4	19	21	26	30	34	37	40	43	45	49	51	54	56	63	68	69	70	71	75	78			
AC3	5895007329280FA	EA	00001	7122	0021	AC3	120	020		AFPB	2R	AK0	03	7317300	37695	W	A	E	7122	A8D	A	1230024	60	
AC3	1280008028892FA	EA	00001	7122	0022	AC3	121	201		AFPB	2R	AK7	03	7317300	73030	W	A	H	7122	A8D	A	1230025	60	
AC3	6605009799201FA	EA	00001	7122	0023	AC3	122	326		AFPB	2R	ZA9	06	7315100	81611	W	W	H	7122	A8D	A	1230026	60	

DD1348 DAILY AUDIT REPORT 03 MAY 97
PART II - INVALID DATA DAR #

ORG	NSNPN	UI	QTY	REQ DATE	REQ NUM	******JCN****** ORG	DAY	SER	SUF	TEC	COG	PRJ	PRI	TOTPRC/ WUC	MFGR	P 68	C 69	MC 70	SUP DATE	SUP ORG	AWAY	DOC NUMBER	REC TYP	CC
1	4	19	21	26	30	34	37	40	43	45	49	51	54	56	63	68	69	70	71	75	78			
AC3	1280008684887FA	EA	00001	7122	0030	AC3	***	***		AFPB	2R	AK0	03	3211800	73368	W	A	H	7122	A8D	A	1230027	60	
AC3	6605009799201FA	EA	00001	7097	0031	AC3	096	322		AFPB	**	***	**	6113700	81611	W	A	E	7121	A8D	A	1210008	60	2

Figure 6-1: DD 1348 Daily Audit Report

NAVFLIRS — DAILY AUDIT REPORT — 10 OCT 97
ORG: AN2 VS - 22 — PART I - VALID DATA
DOCUMENT NUMBER: 1937AWN — TOTAL 1 PAGE(S)

AIRCRAFT DATA

P G 8	EX CD 10	BUNO 11	TEC 17	ORG 21	MSN1 24	HRS1 27	MSN2 30	HRS2 33	MSN3 36	HRS3 39	SUPT CODE 42	TOT FLT 44	TOT HRS	OPS 46	CJ 47	MISNUM 49	AWAY 78	RT 79	C C
1		161111	ASBE	AN2	1A1	3.0					AC	1	3.0	1		AN2628302		7B	

AIRCREW DATA

P G 8	L N 9	EX CD 10	INT F 11	INT L 12	SSN 13	SPL QUL 22	SVC 23	FLIGHT TIME FPT 24	CPT 27	SCT 30	INST ACT 33	SIM 36	NITE TIME 39	LANDING **** TY NR 42 43	TY NR 45 46	TY NR 47 48	**** TY NR 49 50	TY NR 51 52	APPROACHES **** TY NR 53 54	TY NR 55 56	TY NR 57 58	TRNG 1 59	CODE 2 62	3 65	AWAY 78	RT 79	C C
1	1		R	B	106523478	A	1	1.9	1.1		.5			6	3	5	2										
1	2	S	R	R	680713985	C	1	1.1	1.9		.3			6	2	5	1									7C	
1	3		L	L	548361270	F	N			3.0																7C	
																										7C	

LOGISTICS DATA

P G 8	L G 9	EX CD 10	T1 ZN 11	***TIME*** DEP E12	ARR F12	LEG FH	***DATE*** DEP E16	ARR F16	***ICAO*** DEP E20	ARR F20	SS 24	DIST 25	CONFIRMED PAYLOAD PRI 1 37	PRI 2 40	PRI 3 43	PRI 4 46	PRI 5 49	OPPORTUNE PAYLOAD CRGO LBS 52	PAX NR 57	CRGO LBS 60	CD 1 65	CD 2 66	CONF MAX PAX 67	DATA MAX CRGO 70	AWAY 78	RT 79	C C
1	1		D	0800			7283		KNZC																		
1	1				1100	3.0		7283		KNZC	P															7E	
																										7F	

NAVFLIRS — DAILY AUDIT REPORT — 10 OCT 97
ORG: AN2 VS - 22 — PART II - INVALID DATA
DOCUMENT NUMBER: 1912AQC — TOTAL 1 PAGE(S) — DAR # x

P G 8	EX CD 10	BUNO 11	TEC 17	ORG 21	MSN1 24	HRS1 27	MSN2 30	HRS2 33	MSN3 36	HRS3 39	SUPT CODE 42	TOT FLT 44	TOT HRS	OPS 46	CJ 47	MISNUM 49	AWAY 78	RT 79	C C
1	8 *	161111	ASBE	AN2	1B2	2.0					IC **	1	2.0	1		AN2628093		7B	

AIRCREW DATA

P G 8	L N 9	EX CD 10	INT F 11	INT L 12	SSN 13	SPL QUL 22	SVC 23	FLIGHT TIME FPT 24	CPT 27	SCT 30	INST ACT 33	SIM 36	NITE TIME 39	LANDING **** TY NR 42 43	TY NR 45 46	TY NR 47 48	**** TY NR 49 50	TY NR 51 52	APPROACHES **** TY NR 53 54	TY NR 55 56	TY NR 57 58	TRNG 1 59	CODE 2 62	3 65	AWAY 78	RT 79	C C
1	1		R	B	106523478	A	1	1.0	1.0		8			6	2			1	3								
1	2	S	R	R	680713985	C	1	1.0	1.0		7			6	2			1	1							7C	
1	3		L	L	548361270	F	N			1.0																7C	
																										7C	

LOGISTICS DATA

P G 8	L G 9	EX CD 10	T1 ZN 11	***TIME*** DEP E12	ARR F12	LEG FH	***DATE*** DEP E16	ARR F16	***ICAO*** DEP E20	ARR F20	SS 24	DIST 25	CONFIRMED PAYLOAD PRI 1 37	PRI 2 40	PRI 3 43	PRI 4 46	PRI 5 49	OPPORTUNE PAYLOAD CRGO LBS 52	PAX NR 57	CRGO LBS 60	CD 1 65	CD 2 66	CONF MAX PAX 67	DATA MAX CRGO 70	AWAY 78	RT 79	C C
1	1		D	1200			7280		KNZC																		
1	1				1400	2.0		7280		KNZC	P															7E	
																										7F	

Figure 6-2: NAVFLIRS Daily Audit Report (Part I and Part II)

NAVFLIRS DAILY AUDIT REPORT 10 OCT 96

ORG: AN2 VS-22 PART V - SUMMARY DATA

BUNO	DOCUMENT NUMBER	DATE	TOTAL HOURS	**CURRENT MONTH** PART I	PART II	PRIOR MONTH PART II
152370	1256OCD	6245				4.6
152370	1256REF	6263				3.7
152367	1234OBC	6277	2.3		2.3	
152368	1235NBD	6278	4.0	4.0		
152368	1245ABC	6279	1.3		1.3	
152373	1267ORO	6290	2.1	2.1		
TOTAL			9.7	6.1	3.6	8.3
PERCENT			100.0	62.9	37.1	

Figure 6-3: NAVFLIRS Daily Audit Report (Part V)

VIDS/MAF COPY 1 DAILY AUDIT REPORT 15 JUL 97

PART I - VALID DATA

ORG - AW5 VFA-136 WORK CENTER - X20

DOCUMENT NUMBER - EA39633

A (08)AW5 (11)186 (14)481 (17) (19)120 (22)4523D (29)AW5 (32)11 (34)1 (35)N (36)450 (39)00 (41)0040 (45)040

(48)AMAF (52)164214 (58)D (59)B (60) (62) (65) (69) (78)

B (08)7186 (12)2000 (16)Z45 (19)5186 (23)2130 (27)Z45 (30)7196 (34)2400 (38)1 (39)0560 (43)2 (44)0015 (48)

(49) (53)S (54)7186 (58)2330 (62)Z45 (65)M (66)5194 (70)1400 (74)Z45 (78)

VIDS/MAF COPY 1 DAILY AUDIT REPORT 15 JUL 97

PART II - INVALID DATA DAR #

ORG - AB6 VA-105 WORK CENTER - X20

DOCUMENT NUMBER - EA39634 1

A (08)AW5 (11)186 (14)490 (17) (19)120 (22)12111 (29)AW5 (32)23 (34)1 (35)R (36)935 (39)01 (41)0070 (45)040

(48)AMAF (52)164214 (58)D (59)B (60) (62) (65) (69) (78)

B (08)7186 (12)1400 (16)A00 (19)7186 (23)1430 (27)Z12 (30)7196 (34)1130 (38)2 (39)0010 (43)8 (44)1430 (48)

(49) (53)S (54)7186 (58)1530 (62)Z12 (65)M (66)5190 (70)0830 (74)Z12 (78)

E (08)58107 (13)482-2 (23)2-NA-51472 (38)4191 (42)A1304 (47) (52) (78)

****

G (08)58107 (13)586-1 (23)2-NA-51472 (38)A1304 (43) (48) (78)

Figure 6-4: VIDS/MAF Copy 1 Daily Audit Report

VIDS/MAF COPY 2 DAILY AUDIT REPORT 30 JAN 97
PART I - VALID DATA

WUC 1	TEC 8	MFGR 12	ORG 27	NSNPN 30	UI 45	QTY 47	COG 49	P 51	C 52	M C 53	SUP DATE 54	*********JCN********* ORG 61	DAY 64	SER 67	SUF 70	SUP ORG 75	AWAY 78	DOC NUMBER	REC TYP	C C
7462512	AEBC	97942	A9D	4130007885964BF	EA	01	2R	W	A	H	7028	AJ1	020	361	AA	A8D		0290012	61	
74325	AEBC	97942	A9D	1439006777586BF	EA	01	2R	W	F	H	7028	AJ1	021	285		A8D		0290015	61	
62136	AEBC	93614	A9D	1439006777586BE	EA	01	2R	W	F	H	7028	AJ1	027	206		A8D		0290014	63	

VIDS/MAF COPY 2 DAILY AUDIT REPORT 30 JAN 97
PART II - INVALID DATA DAR #

WUC 1	TEC 8	MFGR 12	ORG 27	NSNPN 30	UI 45	QTY 47	COG 49	P 51	C 52	M C 53	SUP DATE 54	*********JCN********* ORG 61	DAY 64	SER 67	SUF 70	SUP ORG 75	AWAY 78	DOC NUMBER	REC TYP	C C	
74321	AEBC	*****	A9D	6120006625171BE	EA	01	2R	W	A	H	7028	AJ1	019	408	A	A8D		0290011	61		
76413	AEBC	97961	A9D	1230007885000BF	EA	01	2R	W	F	H	****	AJ1	011	861		A8D		0150008	63		X
72131	AEBC	44882	A9D	1430007864010BF	**	**	2R	W	F	H	7011	AJ1	009	774		A8D		0170007	63		X

Figure 6-5: VIDS/MAF Copy 2 Daily Audit Report

NAVFLIRS DAILY AUDIT REPORT 10 OCT 97

PART III - ERRONEOUS CORRECTIONS/DELETIONS

ORG 1	BUNO/SSN 8	DATA SOURCE 24	CORRECTED DATA 28	PAGENR 65	LINE/ LEGNR 66	DOC NUMBER 67	TR CODE 74	SOURCE RECTYP 76	RECTYP 79
AN2		E12 ***	1800	1	1	1927AZC		7E	CR
AN2		F16 ***	6280	1	1	1930AZC		7C	DR

VIDS/MAF COPY 1 DAILY AUDIT REPORT 10 OCT 97

PART III - ERRONEOUS CORRECTIONS/DELETIONS

ORG 1	BUNO/SSN 8	DATA SOURCE 24	CORRECTED DATA 28	PAGENR 65	LINE/ LEGNR 66	DOC NUMBER 67	TR CODE 74	SOURCE RECTYP 76	RECTYP 79
AB6		A16 ***				EA39634	11	VM	DR
AB6		***	482-621			EA39635	11	VM	CR
AB6		B28 ***	1630			EA69639	11	VM	CR
AB6		E23	2418611			EA39999 ******	23	VM	CR

Figure 6-6: Daily Audit Report Part III

```
ORG:  AB3  VS-22                                    DAILY AUDIT REPORT                                    15 MAY 97
                                                  PART IV - UNPROCESSABLE DATA

                                  RECORD IMAGE                                                  ERNOTE
1...  5...  10...  15...  20...  25...  30...  35...  40...  45...  50...  55...  60...  65...  70...  75...  80

AC35895007329280FAEA0000191950001AC3194020    AFPB2R   0573173003765WAM195        A69   INVALID RECTYP

2348012AB3031021        12021365     AB3122C3761        0010020GABA0100000FB              A   MISSING A/B RECORD

3489031A+3031022        12021365     AB3122C8001        0010020GABA010000DB               A   INVALID ORG

348903151960800         51960830         51961030                                          B   INVALID ORG

KRB0001                              AB302              GABA01000 02376                   A   NO MASTER INVENTORY RCD FOR TRANS

KRB0001                                  51950001                                          B   NO MASTER INVENTORY RCD FOR TRANS

KRB0001                                                 A                                  F   NO MASTER INVENTORY RCD FOR TRANS

123AA6711      123456AFPHGA11A6025       A101A01                                   GC9 7B   INVALID DOCNUM

451AACD11      789251AAC1B001A3015       A201A01                                   GC9 7B   INVALID ORG

261DFGT27      LL114287938H9022013       105                  128                  GC9 7S   INVALID RECTYP

965TTPS6047SA1LDD456892541N5126          LEMAR          01085038503850385038503   GC9 7D   NOT ON IMR
```

Figure 6-7: Daily Audit Report Part IV

CHAPTER 7 - Monthly Reports

Table of Contents

Paragraph	Subject	Page
7.1	Introduction	7-1
7.2	Capability Reports	7-1
7.2.1	Monthly Equipment Discrepancy and Utilization Report (SCIR-3)	7-1
7.2.2	Monthly Equipment Capability Report (SCIR-4)	7-5
7.2.3	Monthly Equipment Mission Capability Summary Report (SCIR-5-1)	7-9
7.2.4	Monthly Equipment Mission Capability Bureau/Serial Summary Report (SCIR-5-2)	7-16
7.2.5	Monthly Mission and Maintenance Data Detail by Bureau/Serial Report (SCIR-5-3)	7-24
7.3	Utilization Reports	7-32
7.3.1	Monthly Aircraft Utilization Report (NAVFLIRS-1)	7-32
7.3.2	Monthly Aircraft Mission Report (NAVFLIRS-2)	7-37
7.3.3	Monthly Individual Flight Activity Report (NAVFLIRS-3)	7-39
7.3.4	Monthly Aircraft Logistics Data Report (NAVFLIRS-4)	7-45
7.4	Maintenance Reports	7-48
7.4.1	Monthly Production Report (MDR-2)	7-48
7.4.2	Job Control Number Consolidation Report (MDR-3)	7-54
7.4.3	Technical Directive Compliance Report (MDR-4-1)	7-58
7.4.4	Intermediate Technical Directive Compliance Report (MDR-4-2)	7-61
7.4.5	Maintenance Action by Bureau/Serial Number Report (MDR-5)	7-65
7.4.6	Maintenance Action by System and Component Report (MDR-6)	7-71
7.4.7	Component Repair/Beyond Capability of Maintenance Report (MDR-7)	7-77
7.4.8	Failed Parts/Parts Required Report (MDR-8)	7-83
7.4.9	Repair Cycle Data Report (MDR-9)	7-85
7.4.10	Foreign Object Damage Report (MDR-10)	7-93
7.4.11	Corrosion Control/Treatment Report (MDR-11)	7-96
7.4.12	No Defect Report (MDR-12)	7-98
7.4.13	When Malfunction Was Discovered Report (MDR-13)	7-102
7.5	Material Reports	7-105
7.5.1	Repairable Management Data Reports (MR-1-1 and MR-1-2)	7-105
7.5.2	Expense Item Management Data Reports (MR-2-1, MR-2-2, and MR-2-3)	7-115

List of Illustrations

Figure	Title	Page
7-1	Monthly Equipment Discrepancy and Utilization Report (SCIR-3)	7-123
7-2	Monthly Equipment Capability Report (SCIR-4)	7-124
7-3	Monthly Equipment Mission Capability Summary Report (SCIR-5-1)	7-125

Figure	Title	Page
7-4	Monthly Equipment Mission Capability Bureau/Serial Summary Report (SCIR-5-2)	7-126
7-5	Monthly Mission and Maintenance Data Detail by Bureau/Serial Report (SCIR-5-3)	7-127
7-6	Monthly Aircraft Utilization Report (NAVFLIRS-1)	7-128
7-7	Monthly Aircraft Mission Report (NAVFLIRS-2)	7-129
7-8	Monthly Individual Flight Activity Report (NAVFLIRS-3)	7-130
7-9	Monthly Aircraft Logistics Data Report (NAVFLIRS-4)	7-131
7-10	Monthly Production Report (MDR-2)	7-132
7-11	Job Control Number Consolidation Report (MDR-3)	7-133
7-12	Technical Directive Compliance Report (MDR-4-1)	7-134
7-13	Intermediate Technical Directive Compliance Report (MDR-4-2)	7-135
7-14	Maintenance Action by Bureau/Serial Number Report (MDR-5)	7-136
7-15	Maintenance Action by System and Component Report (MDR-6)	7-137
7-16	Component Repair/Beyond Capability of Maintenance Report (MDR-7)	7-138
7-17	Failed Parts/Parts Required Report (MDR-8)	7-139
7-18	Repair Cycle Data Report (MDR-9)	7-140
7-19	Foreign Object Damage Report (MDR-10)	7-141
7-20	Corrosion Control/Treatment Report (MDR-11)	7-142
7-21	No Defect Report (MDR-12)	7-143
7-22	When Malfunction Was Discovered Report (MDR-13)	7-144
7-23	Repairable Management Data Report (MR-1-1)	7-145
7-24	Repairable Management Data Report (MR-1-2)	7-146
7-25	Expense Item Management Data Report (MR-2-1)	7-147
7-26	Expense Item Management Data Report (MR-2-2)	7-148
7-27	Expense Item Management Data Report (MR-2-3)	7-149

CHAPTER 7 - Monthly Reports

7.1 Introduction

a. MDS monthly reports are prepared at the end of each monthly accounting period. The monthly reports will be prepared for each organization as outlined in this chapter and available via paper copy/magnetic media. The magnetic media will be printable from an MS-DOS microcomputer at the O-level. Magnetic media will satisfy ACC/TYCOM requirements for retention of required reports. The monthly reports reflect the transactions submitted during the accounting period.

b. Each ORG has the capability to select which reports will be produced and provided. Only those reports selected by a particular ORG will be produced for that organization. The requesting organization will submit a Monthly Reports Request (Volume III) to identify reports desired.

c. Local distribution symbols, when required, may be printed in the upper left hand corner of the report, above the report heading.

d. Restart capability by ORG, and report type as a minimum, will be provided.

e. Data records with an AWAY Code of Z or RECTYP with a CORRCD of 1 or 2 will not be considered for monthly reports except as specified in Chapter 5.

f. Data records with known data errors which have not been corrected during the accounting period will be used in the monthly report only if the erroneous data element is not used as report selection criteria. Individual report accumulation fields will be considered as report selection criteria. Erroneous NAVFLIRS RECTYPs shall not be used in any monthly report except the Monthly Equipment Discrepancy and Utilization Report (SCIR-3) and in accumulating the Fiscal Year Summary in the Monthly Individual Flight Activity Report.

7.2 Capability Reports

Reports which depict an equipment's operational capability are classified as SCIR reports. Details for the preparation of SCIR reports follow:

7.2.1 Monthly Equipment Discrepancy and Utilization Report (SCIR-3)

a. The SCIR-3 (Figure 7-1) is designed to reflect, by BU/SERNO, the total number of discrepancy hours limiting the equipment from performing its assigned primary mission or function during the month. The SCIR-3 also denotes the equipment's utilization during the month.

b. Data Source. Data source for the SCIR-3 is as follows:

(1) Organization selection will be made on the basis of JCNORG for VIDS/MAF documents except for TRCODE 00, 02, 03 which will use ORG.

(2) Organization selection for all other data will be on the basis of ORG.

(3) Data selection criteria for this report is contained in Chapter 9.

c. Sort Sequence. The SCIR-3 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) BU/SERNO.

d. Control. Control for the SCIR-3 will be accomplished in the following manner:

(1) Skip a line after printing report heading and column headings (do not skip a line between column heading lines 1, 2, and 3).

(2) Detail lines will be double-spaced and will represent a summation of BU/SERNO within TEC and JCNORG.

(3) Print a one-star (*) total upon a change in TEC.

(4) Print a two-star (**) total and eject to a new page upon change in JCNORG.

(5) Print report and column headings on each page.

e. Report Heading Format. Report heading for the SCIR-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SCIR3	1-6	1
MONTHLY	41-47	1
EQUIPMENT	49-57	1
DISCREPANCY	59-69	1
AND	71-73	1
UTILIZATION	75-85	1
REPORT	87-92	1
REPORT MONTH	126-128	2
REPORT YEAR	130-131	2

f. Column Heading Format. Column headings for the SCIR-3 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
ORG:	1-4	1
ORG	6-8	7
PUC:	18-21	1
PUC	23-28	7
.	97-99	3
TOTAL	100-104	1
.	105-107	3
.	112-114	3
SHPOP	115-119	1
.	120-122	3
TOTAL	127-131	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
.	17-23	3
NMC	24-26	1
.	27-32	3
.	38-40	3
PMC	41-43	1
.	44-46	3
.	52-54	3
FMC	55-57	1
.	58-60	3
INV	78-80	1
MTR	83-85	1
EQUIP	89-93	1
FLT	97-99	1
NR	105-106	1
FLT	112-114	1
NR	120-121	1
SCIR	128-131	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	2-5	1
TEC	10-12	1
SCH	17-19	1
UNS	24-26	1
SUP	30-32	1
MNT	38-40	1
SUP	44-46	1
MNT	52-54	1
SUP	58-60	1
EIS	66-68	1
EOS	72-74	1
IND	78-80	1
/UB	83-85	1
UTL	90-92	1
HRS	97-99	1
FLTS	104-107	1
HRS	112-114	1
FLTS	119-122	1
HRS	129-131	1

g. Detail Format. Detail lines for the SCIR-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
BU/SERNO	1-6	7
TEC	10-13	7

NMCSCH	17-19	4, 6, 14
NMCUNS	24-26	4, 6, 14
NMCSUP	30-32	4, 6, 14
PMCMNT	38-40	4, 6, 14
PMCSUP	44-46	4, 6, 14
FMCMNT	52-54	4, 6, 14
FMCSUP	58-60	4, 6, 14
EIS	66-68	4, 6, 14
EOS	72-74	4, 6, 14
INVIND	79	11
MTR/UB	84	8, 10
EQUIPUTL	89-93	4, 6, 8
TOTFLTHRS	96-99	4, 6, 9, 14
TOTNRFLTS	104-107	4, 6, 9, 14
SHPOPFLTHRS	111-114	6, 9, 12, 14
SHPOPNRFLTS	118-122	6, 9, 13, 14
TOTSCIRHRS	125-131	4, 6, 14

h. One-star (*) Totals. One-star (*) totals for the SCIR-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	13	1
NMCSCH	15-19	5, 6
NMCUNS	22-26	5, 6
NMCSUP	28-32	5, 6
PMCMNT	36-40	5, 6
PMCSUP	42-46	5, 6
FMCMNT	50-54	5, 6
FMCSUP	56-60	5, 6
EIS	64-68	5, 6
EOS	70-74	5, 6
TOTFLTHRS	95-99	5, 6
TOTNRFLTS	103-107	5, 6
SHPOPFLTHRS	110-114	5, 6
SHPOPNRFLTS	118-122	5, 6
TOTSCIRHRS	125-131	5, 6

i. Two-star (**) Totals. Two-star (**) totals for the SCIR-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	12-13	1
NMCSCH	15-19	6
NMCUNS	22-26	6
NMCSUP	28-32	6
PMCMNT	36-40	6
PMCSUP	42-46	6
FMCMNT	50-54	6
FMCSUP	56-60	6
EIS	64-68	6

EOS	70-74	6
TOTFLTHRS	95-99	6
TOTNRFLTS	103-107	6
SHPOPFLTHRS	110-114	6
SHPOPNRFLTS	118-122	6
TOTSCIRHRS	125-131	6

j. Notes. Notes for the preparation of the SCIR-3 are as follows:

1 - Machine generated literal.

2 - Month and year of accounting period for which report is being produced (in MMM YY format).

3 - Print periods in print positions indicated.

4 - Refer to Chapter 9 for details in computing data element.

5 - Accumulate for two star (**) total.

6 - Suppress printing of all leading zeros.

7 - Obtain from equipment master record (VIDS/MAF record with TRCODE = 00).

8 - Blank if first position of TEC is equal to A, K, or N.

9 - Blank if first position of TEC is not equal to A, K, or N.

10 - Obtain from position 1 of meter in equipment master record when the first position of TEC is D, G, H, or S.

11 - Obtain from equipment master record unless TRCODE 03 is encountered as the last inventory transaction, then enter 9.

12 - SHPOPFLTHRS = total accumulation of Blocks 7B-27, 33, and 39 of OPNAV 3710/4 source document, rounded to nearest whole number when OPS (Block 7B-46) is equal to A or B.

13 - SHPOPNRFLTS = TOT FLT (Block 7B44) of OPNAV 3710/4 source document when OPS (Block 7B46) is equal to A or B.

14 - Accumulate for one star (*) total.

7.2.2 Monthly Equipment Capability Report (SCIR-4)

a. The SCIR-4 (Figure 7-2) is designed to reflect an equipment capability to perform its assigned primary missions/functions during a reporting period.

b. Data Source. Data source for the SCIR-4 is as follows:

(1) Organization selection will be made on the basis of JCNORG for VIDS/MAF documents except for TRCODE 00, 02, 03 which will use ORG.

(2) Data selection criteria for this report is contained in Chapter 9.

c. Sort Sequence. The SCIR-4 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) BU/SERNO.

d. Control. Control for the SCIR-4 will be accomplished in the following manner:

(1) Skip a line after printing report heading and column headings.

(2) Detail lines will be double-spaced and will represent a summation of BU/SERNO within TEC or JCNORG.

(3) Print a TEC average line and TEC total line and eject to a new page upon change in TEC or JCNORG.

(4) Print report and column headings on each page.

e. Report Heading Format. Report heading for the SCIR-4 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SCIR-4	1-6	1
MONTHLY 48-54	1	
EQUIPMENT	56-64	1
CAPABILITY	66-75	1
REPORT	77-82	1
REPORT MONTH	126-128	2
REPORT YEAR	130-131	2

f. Column Heading Format. Column headings for the SCIR-4 will require four lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
TEC:	14-17	1		
TEC	19-22		MAF-1	A48

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
.	9-43	3
PERCENT	44-50	1
OF	52-53	1
MISSION	55-61	1
CAPABILITY	63-72	1
.	73-107	3

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
.	9-12	3
FMC	13-15	1
.	16-19	3
.	26-50	3
PMC	51-53	1
.	54-78	3
.	85-94	3
NMC	95-97	1
.	98-107	3

(4) Line 4

DATA ELEMENT	PRINT POSITION	NOTES
BU/SER	1-6	1
A	12	1
B	18	1
C	29	1
D	35	1
E	41	1
F	47	1
G	53	1
H	59	1
J	65	1
K	71	1
L	77	1
W	88	1
X	94	1
Y	100	1
Z	106	1
EIS	115-117	1
EOS	122-124	1
EAH	129-131	1

g. Detail Format. Detail data for the SCIR-4 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BU/SERNO	1-6		MAF-1	A52
FMC % A	9-13	4, 5, 6, 7		
FMC % B	15-19	4, 5, 6, 7		
PMC % C	26-30	4, 5, 6, 7		
PMC % D	32-36	4, 5, 6, 7		
PMC % E	38-42	4, 5, 6, 7		
PMC % F	44-48	4, 5, 6, 7		
PMC % G	50-54	4, 5, 6, 7		
PMC % H	56-60	4, 5, 6, 7		

PMC % J	62-66	4, 5, 6, 7
PMC % K	68-72	4, 5, 6, 7
PMC % L	74-78	4, 5, 6, 7
NMC % W	85-89	4, 5, 6, 7
NMC % X	91-95	4, 5, 6, 7
NMC % Y	97-101	4, 5, 6, 7
NMC % Z	103-107	4, 5, 6, 7
EIS	114-117	4, 5
EOS	121-124	4, 5
EAH	128-131	4, 5

h. TEC Average Line. TEC averages for the SCIR-4 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
AVG	1-3	1
FMCAVG A	9-13	4, 6, 7
FMCAVG B	15-19	4, 6, 7
PMCAVG C	26-30	4, 6, 7
PMCAVG D	32-36	4, 6, 7
PMCAVG E	38-42	4, 6, 7
PMCAVG F	44-48	4, 6, 7
PMCAVG G	50-54	4, 6, 7
PMCAVG H	56-60	4, 6, 7
PMCAVG J	62-66	4, 6, 7
PMCAVG K	68-72	4, 6, 7
PMCAVG L	74-78	4, 6, 7
NMCAVG W	85-89	4, 6, 7
NMCAVG X	91-95	4, 6, 7
NMCAVG Y	97-101	4, 6, 7
NMCAVG Z	103-107	4, 6, 7

i. TEC Total Line. The TEC total line for the SCIR-4 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
FMC:	8-11	1
HRS -	13-16	1
FMCHRS	17-22	4, 6
% -	25-26	1
FMC %	27-31	4, 6, 7
PMC:	38-41	1
HRS -	43-46	1
PMCHRS	47-52	4, 6
%-	55-56	1
PMC %	57-61	4, 6, 7
NMC:	68-71	1
HRS -	73-76	1
NMCHRS	77-82	4, 6
% -	85-86	1
NMC %	87-91	4, 6, 7
TOT:	105-108	1

TOTEISHRS	112-117	4, 6
TOTEOSHRS	119-124	4, 6
TOTEAHHRS	126-131	4, 6

j. Notes. Notes for the preparation of the SCIR-4 are as follows:

1 - Machine-generated literal.

2- Month and year of accounting period for which report is being produced (in MMM YY format).

3 - Print period in print position indicated.

4 - Refer to Chapter 9 for logic concerning data element.

5 - Accumulate for TEC total.

6 - Suppress printing of all nonsignificant zeros.

7 - Percentages shown with one decimal (XXX.X).

7.2.3 Monthly Equipment Mission Capability Summary Report (SCIR-5-1)

a. The SCIR-5-1 (Figure 7-3) will display SCIR hours by Mission Category and AWM hours by Reason Codes, summarized for a given EOC Code and associated WUC.

b. Data Source. The SCIR-5-1 will be prepared from data submitted on the VIDS/MAF Copy 1 with a valid EOC Code (first position is in range of B - Z) documented in the EOC Code blocks of the Repair Cycle or Maintenance/Supply Record (B08-B34, B53-D17). Source documents not considered are those with TRCODEs 00, 02, 03, 30, 31, 32, or 39 and all other TRCODEs with a TM of F, except TRCODE 72. Organization selection will be made on the basis of JCNORG.

c. Sort Sequence. The SCIR-5-1 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) EOC.

(4) WUC.

d. Control. Control for the SCIR-5-1 will be accomplished as follows:

(1) Print report and column headings on each page.

(2) Skip a line after printing report and column headings.

(3) Detail lines will be single spaced and will represent summations of maintenance actions by WUC to a specific EOC within a TEC and JCNORG.

(4) Print a one-star (*) total upon change of EOC Code Mission Capability Category (FMC=B, PMC=C-L, NMC=W-Z) in hours and percent. Print the represented percentage of each accumulated column total for maintenance conditions based on total SCIR hours being 100.0 percent. Print represented percentage of each accumulated column total for AWM Reason Codes based on Total AWM hours being 100.0 percent.

(5) Print a two-star (**) total upon change in TEC.

(6) Print a three-star (***) total upon change in JCNORG.

(7) Skip a line after printing star totals.

(8) Eject to a new page upon change in TEC or JCNORG.

(9) Number pages within JCNORG.

e. Report Heading Format. Report headings for the SCIR-5-1 will require four lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
SCIR-5-1	1-8	1
MONTHLY	41-47	1
EQUIPMENT	49-57	1
MISSION	59-65	1
CAPABILITY	67-76	1
SUMMARY	78-84	1
REPORT	86-91	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	9-12	1		
JCNORG	14-16	3	MAF-1	A08
DATE:	106-110	1		
DATE	112-119	4		

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC:	9-12	1		
TEC	14-17		MAF-1	A48
PAGE:	106-110	1		
PAGE NUMBER	112-113	27		

(4) Line 4

DATA ELEMENT	PRINT POSITION	NOTES
NOTE:	19-23	1
DECIMAL	25-31	1
ASSUMED	33-39	1

f. Column Heading Format. Column headings for the SCIR-5-1 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	15-19	1
FMC	25-27	1
HRS	29-31	1
PMC	39-41	1
HRS	43-45	1
NMC	57-59	1
HRS	61-63	1
AWAITING	80-87	1
MAINTENANCE	89-99	1
BY	101-102	1
REASON	104-109	1
CODES	111-115	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
EOC	1-3	1
WUC	5-7	1
SCIR	15-18	1
MNT	24-26	1
SUP	31-33	1
MNT	38-40	1
SUP	45-47	1
SCH	52-54	1
UNS	59-61	1
SUP	66-68	1
1	74	1
2	80	1
3	86	1
4	92	1
5	98	1
6	104	1
7	110	1
8	116	1
0	122	1
TOTAL	128-132	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
HOURS	15-19	1

g. Detail Format. Detail lines for the SCIR-5-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
EOC	1-3	5	MAF-1	B16, B27, B62, B74, C17, C29, C41, C53, C65, D17
WUC	5-11		MAF-1	A22
TOTSCIRHRS	13-19	5, 6, 7, 8, 18, 21, 24, 25	MAF-1	B08 thru B34 B53 thru D17
FMCM	21-26	7, 8, 9, 18, 21, 22	MAF-1	B08 thru B34 B53 thru D17
FMCS	28-33	7, 8, 10, 18, 21, 22	MAF-1	B08 thru B34 B53 thru D17
PMCM	35-40	7, 8, 11, 18, 21, 22	MAF-1	B08 thru B34 B53 thru D17
PMCS	42-47	7, 8, 12, 18, 21, 22	MAF-1	B08 thru B34 B53 thru D17
NMCMS	49-54	7, 8, 13, 18, 21, 22	MAF-1	B08 thru B34 B53 thru D17
NMCMU	56-61	7, 8, 14, 18, 21, 22	MAF-1	B08 thru B34 B53 thru D17
NMCS	63-68	7, 8, 15, 18, 21, 22	MAF-1	B08 thru B34 B53 thru D17
AWM-1	72-76	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-2	78-82	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-3	84-88	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-4	90-94	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-5	96-100	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-6	102-106	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-7	108-112	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-8	114-118	7, 16, 18, 21	MAF-1	B38 thru B49
AWM-0	120-124	7, 17, 18, 21		
TOTAL	127-132	7, 18, 21, 24, 25		

h. One-star (*) Total. One-star (*) totals for the SCIR-5-1 will be printed upon change of Mission Category (FMC, PMC, NMC) in hours and percent. One-star (*) totals will be printed in two lines and will be accumulated for two-star (**) totals. One-star (*) totals will be printed as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
*	1	1
TOTAL	3-7	1
TOTSCIRHRS	13-19	7, 19, 21
FMCM	21-26	7, 19, 21
FMCS	28-33	7, 19, 21
PMCM	35-40	7, 19, 21
PMCS	42-47	7, 19, 21
NMCMS	49-54	7, 19, 21
NMCMU	56-61	7, 19, 21

NMCS	63-68	7, 19, 21
AWM-1	72-76	7, 19, 21
AWM-2	78-82	7, 19, 21
AWM-3	84-88	7, 19, 21
AWM-4	90-94	7, 19, 21
AWM-5	96-100	7, 19, 21
AWM-6	102-106	7, 19, 21
AWM-7	108-112	7, 19, 21
AWM-8	114-118	7, 19, 21
AWM-0	120-124	7, 19, 21
TOTAL AWM	127-132	7, 19, 21

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	21, 23, 26
FMCM %	22-26	21, 23
FMCS %	29-33	21, 23
PMCM %	36-40	21, 23
PMCS %	43-47	21, 23
NMCMS %	50-54	21, 23
NMCMU %	57-61	21, 23
NMCS %	64-68	21, 23
AWM-1 %	72-76	21, 23
AWM-2 %	78-82	21, 23
AWM-3 %	84-88	21, 23
AWM-4 %	90-94	21, 23
AWM-5 %	96-100	21, 23
AWM-6 %	102-106	21, 23
AWM-7 %	108-112	21, 23
AWM-8 %	114-118	21, 23
AWM-0 %	120-124	21, 23
TOT AWM %	128-132	21, 23, 26

i. Two-star (**) Total. Two-star (**) totals will be printed upon change of TEC. Two-star (**) totals will be printed in two lines and will be accumulated for three-star (***) totals. Two-star (**) totals will be printed as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
**	1-2	1
TOTAL	4-8	1
TOTSCIRHRS	13-19	7, 20, 21
FMCM	21-26	7, 20, 21
FMCS	28-33	7, 20, 21
PMCM	35-40	7, 20, 21
PMCS	42-47	7, 20, 21
NMCMS	49-54	7, 20, 21

NMCMU	56-61	7, 20, 21
NMCS	63-68	7, 20, 21
AWM-1	72-76	7, 20, 21
AWM-2	78-82	7, 20, 21
AWM-3	84-88	7, 20, 21
AWM-4	90-94	7, 20, 21
AWM-5	96-100	7, 20, 21
AWM-6	102-106	7, 20, 21
AWM-7	108-112	7, 20, 21
AWM-8	114-118	7, 20, 21
AWM-0	120-124	7, 20, 21
TOTAL AWM	127-132	7, 20, 21

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	21, 23, 26
FMCM %	22-26	21, 23
FMCS %	29-33	21, 23
PMCM %	36-40	21, 23
PMCS %	43-47	21, 23
NMCMS %	50-54	21, 23
NMCMU %	57-61	21, 23
NMCS %	64-68	21, 23
AWM-1%	72-76	21, 23
AWM-2 %	78-82	21, 23
AWM-3 %	84-88	21, 23
AWM-4 %	90-94	21, 23
AWM-5 %	96-100	21, 23
AWM-6 %	102-106	21, 23
AWM-7 %	108-112	21, 23
AWM-8 %	114-118	21, 23
AWM-0 %	120-124	21, 23
TOT AWM %	128-132	21, 23, 26

j. Three-star (***) Total. Three-star (***) totals will be printed upon change of JCNORG. Three-star (***) totals will be printed in two lines as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
***	1-3	1
TOTAL	5-9	1
TOTSCIRHRS	13-19	7, 21
FMCM	21-26	7, 21
FMCS	28-33	7, 21
PMCM	35-40	7, 21
PMCS	42-47	7, 21
NMCMS	49-54	7, 21

NMCMU	56-61	7, 21
NMCS	63-68	7, 21
AWM-1	72-76	7, 21
AWM-2	78-82	7, 21
AWM-3	84-88	7, 21
AWM-4	90-94	7, 21
AWM-5	96-100	7, 21
AWM-6	102-106	7, 21
AWM-7	108-112	7, 21
AWM-8	114-118	7, 21
AWM-0	120-124	7, 21
TOTAL AWM	127-132	7, 21

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	21, 23, 26
FMCM %	22-26	21, 23
FMCS %	29-33	21, 23
PMCM %	36-40	21, 23
PMCS %	43-47	21, 23
NMCMS %	50-54	21, 23
NMCMU %	57-61	21, 23
NMCS %	64-68	21, 23
AWM-1 %	72-76	21, 23
AWM-2 %	78-82	21, 23
AWM-3 %	84-88	21, 23
AWM-4 %	90-94	21, 23
AWM-5 %	96-100	21, 23
AWM-6 %	102-106	21, 23
AWM-7 %	108-112	21, 23
AWM-8 %	114-118	21, 23
AWM-0 %	120-124	21, 23
TOT AWM %	128-132	21, 23, 26

k. Notes. Notes for the preparation of the SCIR-5-1 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format)
3 - JCNORG based on selection, as it appears on Master File.
4 - Month, day, and year report was produced (in MM/DD/YY format).
5 - When EOC Code is not constant within all source blocks, calculate for each like EOC codes within WUC. SCIR processing rules of Chapter 9 apply.
6 - Calculate for EOC Code/WUC combination, accumulate for one-star (*) total.
7 - Hours to be displayed with one decimal assumed when printed.
8 - When a valid EOC Code appears in Blocks B16 and B27, Job Status of M is assumed.
9 - FMCMNT, Job Status must equal M and 1st position of EOC Code must equal B.
10 - FMCSUP, Job Status must equal S and 1st position of EOC Code must equal B.
11 - PMCMNT, Job Status must equal M and 1st position of EOC Code must be in the range of C-L.

12 - PMCSUP, Job Status must equal S and 1st position of EOC Code must be in the range of C-L.
13 - NMCSCH, Job Status must equal M and 1st position of EOC Code must equal W-Z and (2nd and 3rd positions are 04 or 2nd and 3rd positions are 03 and TM is not E or S).
14 - NMCUNS, Job Status must equal M and 1st position of EOC Code must equal W-Z and (2nd and 3rd positions are numeric and in the range of 11-99 or 2nd and 3rd positions are 03 and TM is E or S).
15 - NMCSUP, Job Status must equal S and 1st position of EOC Code must equal W-Z.
16 - AWM extraction will be based on WUC of total MAF-1s with valid EOC Codes on Master File, source Blocks B38-B49. Printed by AWM Reason Code and hours assigned.
17 - AWM Reason Code 0 is calculated, refer to processing rules in Chapter 9.
18 - Accumulate data for one-star (*) total.
19 - Accumulate data for two-star (**) total.
20 - Accumulate data for three-star (***) total.
21 - Suppress printing of all leading zero.
22 - Refer to Chapter 9 for details in computing data element.
23 - Percentages shown with one decimal (XXX.X).
24 - Accumulate from mission categories on each detail line.
25 - Accumulate from AWM Reason Codes 0-8 on each detail line.
26 - Will be the base for calculating within category. Percent will always be 100.0.
27 - Print page numbers within JCNORG.

7.2.4 Monthly Equipment Mission Capability Bureau/Serial Summary Report (SCIR-5-2)

a. The SCIR-5-2 (Figure 7-4) will display SCIR hours by Mission Category and AWM hours by Reason Code for a given EOC Code and associated WUC by BU/SERNO.

b. Data Source. The SCIR-5-2 will be prepared from data submitted on the VIDS/MAF Copy 1 with a valid EOC Code (first position is in range of B - Z) documented in the EOC Code blocks of the Repair Cycle or Maintenance/Supply Record (B08-B34, B53-D17). Source documents not considered are those with TRCODEs 00, 02, 03, 30, 31, 32, or 39 and all other TRCODEs with a TM of F, except TRCODE 72. Organization selection will be made on the basis of JCNORG.

c. Sort Sequence. The SCIR-5-2 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) BU/SERNO.

(4) EOC.

(5) WUC.

d. Control. Control for the SCIR-5-2 will be accomplished as follows:

(1) Print report and column headings on each page.

(2) Skip a line after printing report and column headings.

(3) Detail lines will be single spaced and will represent summations of maintenance actions by WUC to a specific EOC Code for each BU/SERNO within TEC and JCNORG.

(4) Print a one-star (*) total upon change of EOC Code Mission Category (FMC=B, PMC=C-L, NMC=W-Z) in hours and percent. Print the represented percentage of each accumulated column total for maintenance conditions based on Total SCIR hours being 100.0 percent. Print represented percentage of each accumulated column total for AWM Reason Codes based on Total AWM hours being 100.0 percent.

(5) Print a two-star (**) total upon change in BU/SERNO.

(6) Print a three-star (***) total upon change in TEC.

(7) Print a four-star (****) total upon change in JCNORG.

(8) Skip a line after printing star totals.

(9) Eject to a new page upon change in BU/SERNO, TEC or JCNORG.

(10) Number pages within JCNORG.

e. Report Heading Format. Report heading for the SCIR-5-2 will require five lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
SCIR-5-2	1-8	1
MONTHLY	33-39	1
EQUIPMENT	41-49	1
MISSION	51-57	1
CAPABILITY	59-68	1
BUREAU	70-75	1
/	76	1
SERIAL	77-82	1
SUMMARY	84-90	1
REPORT	92-97	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	9-12	1		
JCNORG	14-16		MAF-1	A08
DATE:	106-110	1		
DATE	112-119	3		

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BUREAU/SERIAL	19-31	1		
NUMBER:	33-39	1		
BU/SERNO	41-46		MAF-1	A52

(4) Line 4

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC:	9-12	1		
TEC	14-17		MAF-1	A48
PAGE:	106-110	1		
PAGE NUMBER	112-113	27		

(5) Line 5

DATA ELEMENT	PRINT POSITION	NOTES
NOTE:	19-23	1
DECIMAL	25-31	1
ASSUMED	33-39	1

f. Column Heading Format. Column headings for the SCIR-5-2 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	15-19	1
FMC	25-27	1
HRS	29-31	1
PMC	39-41	1
HRS	43-45	1
NMC	57-59	1
HRS	61-63	1
AWAITING	80-87	1
MAINTENANCE	89-99	1
BY	101-102	1
REASON	104-109	1
CODES	111-115	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
EOC	1-3	1
WUC	5-7	1
SCIR	15-18	1
MNT	24-26	1
SUP	31-33	1
MNT	38-40	1
SUP	45-47	1
SCH	52-54	1
UNS	59-61	1
SUP	66-68	1
1	74	1

2	80	1
3	86	1
4	92	1
5	98	1
6	104	1
7	110	1
8	116	1
0	122	1
TOTAL	128-132	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
HOURS	15-19	1

g. Detail Format. Detail lines for the SCIR-5-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
EOC	1-3	5	MAF-1	B16, B27, B62, B74, C17, C29, C41, C53, C65, D17
WUC	5-11		MAF-1	A22
TOTSCIRHRS	13-19	4, 5, 6, 7, 18, 24	MAF-1	B08 thru B34 B53 thru D17
FMCM	21-26	4, 6, 7, 8, 9, 18, 22	MAF-1	B08 thru B34 B53 thru D17
FMCS	28-33	4, 6, 7, 8, 10, 18, 22	MAF-1	B08 thru B34 B53 thru D17
PMCM	35-40	4, 6, 7, 8, 11, 18, 22	MAF-1	B08 thru B34 B53 thru D17
PMCS	42-47	4, 6, 7, 8, 12, 18, 22	MAF-1	B08 thru B34 B53 thru D17
NMCMS	49-54	4, 6, 7, 8, 13, 18, 22	MAF-1	B08 thru B34 B53 thru D17
NMCMU	56-61	4, 6, 7, 8, 14, 18, 22	MAF-1	B08 thru B34 B53 thru D17
NMCS	63-68	4, 6, 7, 8, 15, 18, 22	MAF-1	B08 thru B34 B53 thru D17
AWM-1	72-76	4, 6, 7, 16, 18	MAF-1	B38 thru B49
AWM-2	78-82	4, 6, 7, 16, 18	MAF-1	B38 thru B49
AWM-3	84-88	4, 6, 7, 16, 18	MAF-1	B38 thru B49
AWM-4	90-94	4, 6, 7, 16, 18	MAF-1	B38 thru B49
AWM-5	96-100	4, 6, 7, 16, 18	MAF-1	B38 thru B49
AWM-6	102-106	4, 6, 7, 16, 18	MAF-1	B38 thru B49
AWM-7	108-112	4, 6, 7, 16, 18	MAF-1	B38 thru B49
AWM-0	120-124	4, 6, 7, 17, 18		
TOTAL	127-132	4, 7, 18, 24, 25		

h. One-star (*) Total. One-star (*) totals for the SCIR-5-2 will be printed upon change of Mission Category (FMC, PMC, NMC) in hours and percent. One-star (*) totals will be printed in two lines and will be accumulated for two-star (**) totals. One-star (*) totals will be printed as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
*	1	1
TOTAL	3-7	1
TOTSCIRHRS	13-19	4, 7, 19
FMCM	21-26	4, 7, 19
FMCS	28-33	4, 7, 19
PMCM	35-40	4, 7, 19
PMCS	42-47	4, 7, 19
NMCMS	49-54	4, 7, 19
NMCMU	56-61	4, 7, 19
NMCS	63-68	4, 7, 19
AWM-1	72-76	4, 7, 19
AWM-2	78-82	4, 7, 19
AWM-3	84-88	4, 7, 19
AWM-4	90-94	4, 7, 19
AWM-5	96-100	4, 7, 19
AWM-6	102-106	4, 7, 19
AWM-7	108-112	4, 7, 19
AWM-8	114-118	4, 7, 19
AWM-0	120-124	4, 7, 19
TOTAL AWM	127-132	4, 7, 19

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	4, 23, 26
FMCM %	22-26	4, 23
FMCS %	29-33	4, 23
PMCM %	36-40	4, 23
PMCS %	43-47	4, 23
NMCMS %	50-54	4, 23
NMCMU %	57-61	4, 23
NMCS %	64-68	4, 23
AWM-1 %	72-76	4, 23
AWM-2 %	78-82	4, 23
AWM-3 %	84-88	4, 23
AWM-4 %	90-94	4, 23
AWM-5 %	96-100	4, 23
AWM-6 %	102-106	4, 23
AWM-7 %	108-112	4, 23
AWM-8 %	114-118	4, 23

AWM-0 %	120-124	4, 23
TOT AWM %	128-132	4, 23, 26

i. Two-star (**) Total. Two-star (**) totals will be printed upon change of BU/SERNO. Two-star (**) totals will be printed in two lines and will be accumulated for three-star (***) totals. Two-star (**) totals will be printed as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
**	1-2	1
TOTAL	4-8	1
TOTSCIRHRS	13-19	4, 7, 20
FMCM	21-26	4, 7, 20
FMCS	28-33	4, 7, 20
PMCM	35-40	4, 7, 20
PMCS	42-47	4, 7, 20
NMCMS	49-54	4, 7, 20
NMCMU	56-61	4, 7, 20
NMCS	63-68	4, 7, 20
AWM-1	72-76	4, 7, 20
AWM-2	78-82	4, 7, 20
AWM-3	84-88	4, 7, 20
AWM-4	90-94	4, 7, 20
AWM-5	96-100	4, 7, 20
AWM-6	102-106	4, 7, 20
AWM-7	108-112	4, 7, 20
AWM-8	114-118	4, 7, 20
AWM-0	120-124	4, 7, 20
TOTAL AWM	127-132	4, 7, 20

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	4, 23, 26
FMCM %	22-26	4, 23
FMCS %	29-33	4, 23
PMCM %	36-40	4, 23
PMCS %	43-47	4, 23
NMCMS %	50-54	4, 23
NMCMU %	57-61	4, 23
NMCS %	64-68	4, 23
AWM-1 %	72-76	4, 23
AWM-2 %	78-82	4, 23
AWM-3 %	84-88	4, 23
AWM-4 %	90-94	4, 23
AWM-5 %	96-100	4, 23
AWM-6 %	102-106	4, 23
AWM-7 %	108-112	4, 23

AWM-8 %	114-118	4, 23
AWM-0 %	120-124	4, 23
TOT AWM %	128-132	4, 23, 26

j. Three-star (***) Total. Three-star (***) totals will be printed upon change of TEC. Three-star (***) totals will be printed in two lines and will be accumulated for four-star (****) totals. Three-star (***) totals will be printed as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
***	1-3	1
TOTAL	5-9	1
TOTSCIRHRS	13-19	4, 7, 21
FMCM	21-26	4, 7, 21
FMCS	28-33	4, 7, 21
PMCM	35-40	4, 7, 21
PMCS	42-47	4, 7, 21
NMCMS	49-54	4, 7, 21
NMCMU	56-61	4, 7, 21
NMCS	63-68	4, 7, 21
AWM-1	72-76	4, 7, 21
AWM-2	78-82	4, 7, 21
AWM-3	84-88	4, 7, 21
AWM-4	90-94	4, 7, 21
AWM-5	96-100	4, 7, 21
AWM-6	102-106	4, 7, 21
AWM-7	108-112	4, 7, 21
AWM-8	114-118	4, 7, 21
AWM-0	120-124	4, 7, 21
TOTAL AWM	127-132	4, 7, 21

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	4, 23, 26
FMCM %	22-26	4, 23
FMCS %	29-33	4, 23
PMCM %	36-40	4, 23
PMCS %	43-47	4, 23
NMCMS %	50-54	4, 23
NMCMU %	57-61	4, 23
NMCS %	64-68	4, 23
AWM-1 %	72-76	4, 23
AWM-2 %	78-82	4, 23
AWM-3 %	84-88	4, 23
AWM-4 %	90-94	4, 23
AWM-5 %	96-100	4, 23
AWM-6 %	102-106	4, 23

AWM-7 %	108-112	4, 23
AWM-8 %	114-118	4, 23
AWM-0 %	120-124	4, 23
TOT AWM %	128-132	4, 23, 26

k. Four-star (****) Total. Four-star (****) totals will be printed upon change of JCNORG. Four-star (****) totals will be printed in two lines as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
****	1-4	1
TOTAL	6-10	1
TOTSCIRHRS	13-19	4, 7
FMCM	21-26	4, 7
FMCS	28-33	4, 7
PMCM	35-40	4, 7
PMCS	42-47	4, 7
NMCMS	49-54	4, 7
NMCMU	56-61	4, 7
NMCS	63-68	4, 7
AWM-1	72-76	4, 7
AWM-2	78-82	4, 7
AWM-3	84-88	4, 7
AWM-4	90-94	4, 7
AWM-5	96-100	4, 7
AWM-6	102-106	4, 7
AWM-7	108-112	4, 7
AWM-8	114-118	4, 7
AWM-0	120-124	4, 7
TOTAL AWM	127-132	4, 7

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	4, 23, 26
FMCM %	22-26	4, 23
FMCS %	29-33	4, 23
PMCM %	36-40	4, 23
PMCS %	43-47	4, 23
NMCMS %	50-54	4, 23
NMCMU %	57-61	4, 23
NMCS %	64-68	4, 23
AWM-1 %	72-76	4, 23
AWM-2 %	78-82	4, 23
AWM-3 %	84-88	4, 23
AWM-4 %	90-94	4, 23
AWM-5 %	96-100	4, 23
AWM-6 %	102-106	4, 23

AWM-7 %	108-112	4, 23
AWM-8 %	114-118	4, 23
AWM-0 %	120-124	4, 23
TOT AWM %	128-132	4, 23, 26

l. Notes. Notes for the preparation of the SCIR-5-2 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Month, day, and year the report was produced (in MM/DD/YY format).
4 - Suppress printing of all leading zeros.
5 - When the EOC Code is not constant within all source blocks, calculate for each alike EOC Codes within WUC. SCIR processing rules of Chapter 9 apply.
6 - Calculate for EOC Code/WUC combination, accumulate for totals.
7 - Hours to be displayed with one decimal, assumed when printed.
8 - When a valid EOC Code appears in Blocks B16 and B27, Job Status of M is assumed.
9 - FMCMNT, Job Status must equal M and 1st position of EOC Code must equal B.
10 - FMCSUP, Job Status must equal S and 1st position of EOC Code must equal B.
11 - PMCMNT, Job Status must equal M and 1st position of EOC Code must be in the range of C-L.
12 - PMCSUP, Job Status must equal S and 1st position of EOC Code must be in the range of C-L.
13 - NMCSCH, Job Status must equal M and 1st position of EOC Code must equal W-Z and (2nd and 3rd positions are 04 or 2nd and 3rd positions are 03 and TM is not E or S).
14 - NMCUNS, Job Status must equal M and 1st position of EOC Code must equal W-Z and (2nd and 3rd positions are numeric and in the range of 11-99 or 2nd and 3rd positions are 03 and TM is E or S).
15 - NMCSUP, Job Status must equal S and 1st position of EOC Code must equal W-Z.
16 - AWM extraction will be based on WUC of total MAF-1s with valid EOC Codes on Master File, source Blocks B38-B49. Printed by AWM Reason Code and hours assigned.
17 - AWM Reason Code 0 is calculated. Refer to processing rules in Chapter 9.
18 - Accumulate data for one-star (*) total.
19 - Accumulate data for two-star (**) total.
20 - Accumulate data for three-star (***) total.
21 - Accumulate data for four-star (****) total.
22 - Refer to Chapter 9 for details in computing data element.
23 - Percentages shown with one decimal (XXX.X).
24 - Accumulate from mission categories on each detail line.
25 - Accumulate from AWM Reason Codes 0-8 on each detail line.
26 - Will be the base for calculating within category. Percent will always be 100.0.
27 - Print page numbers within JCNORG.

7.2.5 Monthly Mission and Maintenance Data Detail by Bureau/Serial Report (SCIR-5-3)

a The SCIR-5-3 (Figure 7-5) will display Mission Capability and Maintenance Data for each VIDS/MAF Copy 1 submitted for a given EOC Code and associated WUC.

b. Data Source. The SCIR-5-3 will be prepared from data submitted on the VIDS/MAF Copy 1 with a valid EOC Code (first position is in range of B - Z) documented in the EOC Code blocks of the Repair Cycle or Maintenance/Supply Record (B08-B34, B53-D17). Source documents not considered are those with

TRCODEs 00, 02, 03, 30, 31, 32, or 39 and all other TRCODEs with a TM of F, except TRCODE 72. Organization selection will be made on the basis of JCNORG.

c. Sort Sequence. The SCIR-5-3 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) BU/SERNO.

(4) EOC.

(5) WUC.

(6) DOCNUM.

d. Control. Control for the SCIR-5-3 will be accomplished as follows:

(1) Print report and column headings on each page.

(2) Skip a line after printing report and column headings.

(3) Detail lines will be single spaced and will display Mission Capability and Maintenance Data by WUC within specific EOC Codes contained within records for a given DOCNUM sorted by BU/SERNO within JCNORG and TEC.

(4) Print a one-star (*) total upon change of EOC Code Mission Capability Category (FMC=B, PMC=C-L, NMC=W-Z) in hours and percent. Print the represented percentage of each accumulated column total for maintenance conditions based on Total SCIR Hours being 100.0 percent.

(5) Print a two-star (**) total upon change in BU/SERNO.

(6) Print a three-star (***) total upon change in TEC.

(7) Print a four-star (****) total upon change in JCNORG.

(8) Skip a line after printing star totals.

(9) Eject to a new page upon change in BU/SERNO, TEC or JCNORG.

(10) Number pages within JCNORG.

e. Report Heading Format. Report headings for the SCIR-5-3 will require five lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
SCIR-5-3	1-8	1
MONTHLY	33-39	1
MISSION	41-47	1
AND	49-51	1

MAINTENANCE	53-63	1
DATA	65-68	1
DETAIL	70-75	1
BY	77-78	1
BUREAU/SERIAL	80-92	1
REPORT	94-99	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	9-12	1		
JCNORG	14-16		MAF-1	A08
DATE:	106-110	1		
DATE	112-119	3		

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BUREAU/SERIAL	19-31	1		
NUMBER:	33-39	1		
BU/SERNO	41-46		MAF-1	A52

(4) Line 4

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC:	9-12	1		
TEC	14-17		MAF-1	A48
PAGE:	106-110	1		
PAGE NUMBER	112-113	4		

(5) Line 5

DATA ELEMENT	PRINT POSITION	NOTES
NOTE:	19-23	1
DECIMAL	25-31	1
ASSUMED	33-39	1
FOR	41-43	1
MISSION	45-51	1
CAPABILITY	53-62	1
DATA	64-67	1
,	68	1
MAINTENANCE	70-80	1
DATA	82-85	1
NOT	87-89	1
EDITED	91-96	1

f. Volumn Heading Format. Column headings for the SCIR-5-3 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	15-19	1
MISSION	35-41	1
CAPABILITY	43-52	1
DATA	54-57	1
MAINTENANCE	94-104	1
DATA	106-109	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
SCIR	15-18	1
FMC	25-27	1
HRS	29-31	1
PMC	39-41	1
HRS	43-45	1
NMC	57-59	1
HRS	61-63	1
W	93	1
T	96	1
A	99	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
EOC	1-3	1
WUC	5-7	1
HOURS	15-19	1
MNT	24-26	1
SUP	31-33	1
MNT	38-40	1
SUP	45-47	1
SCH	52-54	1
UNS	59-61	1
SUP	66-68	1
JCN	75-77	1
WC	84-85	1
TR	89-90	1
D	93	1
M	96	1
T	99	1
MAL	102-104	1
IP	107-108	1
MHRS	113-116	1

EMT	121-123	1
DOCNUM	126-131	1

g. Detail Format. Detail for the SCIR-5-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
EOC	1-3	5	MAF-1	B16, B27, B62, B74, C17, C29, C41, C53, C65, D17
WUC	5-11		MAF-1	A22
TOTSCIRHRS	13-19	5, 6, 7, 8, 16, 22	MAF-1	B08 thru B34 B53 thru D17
FMCM	21-26	5, 6, 7, 8, 9, 16, 20	MAF-1	B08 thru B34 B53 thru D17
FMCS	28-33	5, 6, 7, 8, 10, 16, 20	MAF-1	B08 thru B34 B53 thru D17
PMCM	35-40	5, 6, 7, 8, 11, 16, 20	MAF-1	B08 thru B34 B53 thru D17
PMCS	42-47	5, 6, 7, 8, 12, 16, 20	MAF-1	B08 thru B34 B53 thru D17
NMCMS	49-54	5, 6, 7, 8, 13, 16, 20	MAF-1	B08 thru B34 B53 thru D17
NMCS	63-68	5, 6, 7, 8, 15, 16, 20	MAF-1	B08 thru B34 B53 thru D17
JCNORG	71-73		MAF-1	A08
JCNDAY	75-77		MAF-1	A11
JCNSER	79-81		MAF-1	A14
WC	84-86		MAF-1	A19
TR	89-90		MAF-1	A32
WD	93		MAF-1	A58
TM	96		MAF-1	A59
AT	99		MAF-1	A35
MAL	102-104		MAF-1	A36
IP	107-108		MAF-1	A39
MHRS	112-116	24	MAF-1	A41
EMT	120-123	24	MAF-1	A45
DOCNUM	126-132		MAF-1	Top Left of VIDS/MAF

h. One-star (*) Total. One-star (*) totals for the SCIR-5-3 will be printed upon change of Mission Category (FMC, PMC, NMC) in hours and percent. One-star (*) totals will reflect Mission Capability Data only and will be accumulated for two-star (**) totals. One-star (*) totals will be printed in two lines as follows:

(1) Line 1. (Line one will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
*	1	1
TOTAL	3-7	1

TOTSCIRHRS	13-19	6, 8, 17, 23
FMCM	21-26	6, 8, 17
FMCS	28-33	6, 8, 17
PMCM	35-40	6, 8, 17
PMCS	42-47	6, 8, 17
NMCMS	49-54	6, 8, 17
NMCMU	56-61	6, 8, 17
NMCS	63-68	6, 8, 17

(2) Line 2. (Line two will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	6, 21, 23
FMCM %	22-26	6, 21
FMCS %	29-33	6, 21
PMCM %	36-40	6, 21
PMCS %	43-47	6, 21
NMCMS %	50-54	6, 21
NMCMU %	57-61	6, 21
NMCS %	64-68	6, 21

i. Two-star (**) Total. Two-star (**) totals will be printed upon change of BU/SERNO for Mission Capability Data only in hours and percent. Two-star (**) totals will be accumulated for three-star (***) totals and will require two lines of print. Two-star (**) totals will be printed as follows:

(1) Line 1. (Line one will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
**	1-2	1
TOTAL	4-8	1
TOTSCIRHRS	13-19	6, 8, 18, 23
FMCM	21-26	6, 8, 18
FMCS	28-33	6, 8, 18
PMCM	35-40	6, 8, 18
PMCS	42-47	6, 8, 18
NMCMS	49-54	6, 8, 18
NMCMU	56-61	6, 8, 18
NMCS	63-68	6, 8, 18

(2) Line 2. (Line two will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	6, 21, 23
FMCM %	22-26	6, 21
FMCS %	29-33	6, 21
PMCM %	36-40	6, 21
PMCS %	43-47	6, 21

NMCMS %	50-54	6, 21
NMCMU %	57-61	6, 21
NMCS %	64-68	6, 21

j. Three-star (***) Total. Three-star (***) totals will be printed upon change of TEC for Mission Capability Data only in hours and percent. Three-star (***) totals will be accumulated for four-star (****) totals and will require two lines of print. Three-star (***) totals will be printed as follows:

(1) Line 1. (Line one will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
***	1-3	1
TOTAL	5-9	1
TOTSCIRHRS	13-19	6, 8, 19, 23
FMCM	21-26	6, 8, 19
FMCS	28-33	6, 8, 19
PMCM	35-40	6, 8, 19
PMCS	42-47	6, 8, 19
NMCMS	49-54	6, 8, 19
NMCMU	56-61	6, 8, 19
NMCS	63-68	6, 8, 19

(2) Line 2. (Line two will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	6, 21, 23
FMCM %	22-26	6, 21
FMCS %	29-33	6, 21
PMCM %	36-40	6, 21
PMCS %	43-47	6, 21
NMCMS %	50-54	6, 21
NMCMU %	57-61	6, 21
NMCS %	64-68	6, 21

k. Four-star (****) Total. Four-star (****) totals will be printed upon change of JCNORG for Mission Capability Data only in hours and percent. Four-star (****) totals will require two lines of print and will be printed as follows:

(1) Line 1. (Line 1 will be hour totals.)

DATA ELEMENT	PRINT POSITION	NOTES
****	1-4	1
TOTAL	6-10	1
TOTSCIRHRS	13-19	6, 8, 23
FMCM	21-26	6, 8
FMCS	28-33	6, 8
PMCM	35-40	6, 8
PMCS	42-47	6, 8

NMCMS	49-54	6, 8
NMCMU	56-61	6, 8
NMCS	63-68	6, 8

(2) Line 2. (Line 2 will be percent totals.)

DATA ELEMENT	PRINT POSITION	NOTES
PERCENT	1-7	1
TOT SCIR %	15-19	6, 21, 23
FMCM %	22-26	6, 21
FMCS %	29-33	6, 21
PMCM %	36-40	6, 21
PMCS %	43-47	6, 21
NMCMS %	50-54	6, 21
NMCMU %	57-61	6, 21
NMCS %	64-68	6, 21

l. Notes. Notes for the preparation of the SCIR-5-3 are as follows:

1 - Machine-generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Month, day, and year the report was produced (in MM/DD/YY format).
4 - Print page numbers within JCNORG.
5 - When the EOC Code is not constant within all source blocks, calculate for each alike EOC Codes within WUC. SCIR processing rules of Chapter 9 apply.
6 - Suppress printing of all leading zeros.
7 - Calculate for EOC Code/WUC combination, accumulate for detail line.
8 - Hours to be displayed with one decimal, assumed when printed.
9 - FMCMNT, Job Status must equal M and 1st position of EOC Code must equal B.
10 - FMCSUP, Job Status must equal S and 1st position of EOC Code must equal B.
11 - PMCMNT, Job Status must equal M and 1st position of EOC Code must be in the range of C-L.
12 - PMCSUP, Job Status must equal S and 1st position of EOC Code must be in the range of C-L.
13 - NMCSCH, Job Status must equal M and 1st position of EOC Code must equal W-Z and (2nd and 3rd positions are 04 or 2nd and 3rd positions are 03 and TM is not E or S).
14 - NMCUNS, Job Status must equal M and 1st position of EOC Code must equal W-Z and (2nd and 3rd positions are numeric and in the range of 11-99 or 2nd and 3rd positions are 03 and TM is E or S).
15 - NMCSUP, Job Status must equal S and 1st position of EOC Code must equal W-Z.
16 - Accumulate data for one-star (*) total.
17 - Accumulate data for two-star (**) total.
18 - Accumulate data for three-star (***) total.
19 - Accumulate data for four-star (****) total.
20 - Refer to Chapter 9 for details in computing data element.
21 - Percentages shown with one decimal (XXX.X).
22 - Accumulate from mission categories on each detail line.
23 - Will be the base for calculating within category. Percent will always be 100.0.
24 - Print decimal to separate hours from tenths of hours.

7.3 Utilization Reports

7.3.1 Monthly Aircraft Utilization Report (NAVFLIRS-1)

a. The NAVFLIRS-1 (Figure 7-6) summarizes, by BUNO, TMR code/hours with mission name, landings (by landing code), total flight hours and flights, ship flight hours and flights, catapult launches, and training areas/hours performed by each aircraft. This report also provides training area/hour totals within ORG.

b. Data Source. The NAVFLIRS-1 will be prepared from data submitted on the Naval Aircraft Flight Record (OPNAV 3710/4).

c. Sort Sequence. The NAVFLIRS-1 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) TEC.

(3) BUNO.

d. Control. Control for the NAVFLIRS-1 will be accomplished in the following manner:

(1) Skip a line after printing report heading, ORG heading, and detail column headings.

(2) The report will be double spaced between BUNOs, all total lines, and single spaced elsewhere.

(3) Print a BUNO Total upon change in BUNO.

(4) Print an ORG Total upon change in ORG.

(6) Print a TRAINING AREA Total in alpha/numeric sequence upon a change in ORG (this total will be suppressed when training areas/hours have not been submitted/accumulated).

(7) Eject to a new page upon change in ORG.

(8) Print report, ORG, and detail column headings on each page.

e. Report Heading Format. Report heading for the NAVFLIRS-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
NAVFLIRS-1	1-10	1
MONTHLY	49-55	1
AIRCRAFT	57-64	1
UTILIZATION	66-76	1
REPORT	78-83	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

f. ORG Heading Format. ORG heading for the NAVFLIRS-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		3710/4	7B-21
ORG NAME	10-29			

g. Column Heading Format. Column headings for the NAVFLIRS-1 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
*	51-74	1
TYPE	75-78	1
LANDINGS	80-87	1
*	88-117	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
TMR	16-18	1
DAY	52-54	1
1	59	1
2	63	1
3	67	1
4	71	1
5	75	1
6	79	1
7	83	1
8	87	1
9	91	1
0	95	1
TOTAL	113-117	1
TRAINING	123-130	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	2-5	1
TEC	9-11	1
CODE	14-17	1
HRS	19-21	1
MISSION	29-35	1
NAME	37-40	1
NIGHT	51-55	1
A	59	1
B	63	1

C	67	1
D	71	1
E	75	1
F	79	1
G	83	1
H	87	1
J	91	1
K	95	1
N	99	1
P	103	1
TOTAL	107-111	1
LNDGS	113-117	1
AREA	122-125	1
HRS	129-131	1

h. Detail Format. Detail lines for the NAVFLIRS-1 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BUNO	1-6		3710/4	7B-11
TEC	8-11		3710/4	7B-17
TMR CODE	14-16	5, 18	3710/4	7B-24, 30, 36
TMR HRS	18-22	3, 4, 18	3710/4	7B-27, 33, 39
MISSION NAME	24-49	13, 18		
DAY	52-54	1		
1	57-59	4, 6	3710/4	
2	61-63	4, 6	3710/4	
3	65-67	4, 6	3710/4	
4	69-71	4, 6	3710/4	
5	73-75	4, 6	3710/4	
6	77-79	4, 6	3710/4	
7	81-83	4, 6	3710/4	
8	85-87	4, 6	3710/4	
9	89-91	4, 6	3710/4	
0	93-95	4, 6	3710/4	
TOTAL	108-111	4, 6		
TRAINING AREA	120-126	5, 18	3710/4	7G-12, 21
TRAINING HRS	128-132	3, 4, 8, 18	3710/4	7G-19, 28

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
NIGHT	51-55	1		
A	57-59	4, 7	3710/4	
B	61-63	4, 7	3710/4	
C	65-67	4, 7	3710/4	
D	69-71	4, 7	3710/4	
E	73-75	4, 7	3710/4	

F	77-79	4, 7	3710/4
G	81-83	4, 7	3710/4
H	85-87	4, 7	3710/4
J	89-91	4, 7	3710/4
K	93-95	4, 7	3710/4
N	97-99	4, 7	3710/4
P	101-103	4, 7	3710/4
TOTAL	108-111	4, 7	
TOTAL LNDGS	114-117	4, 9	

i. BUNO Totals. BUNO totals for the NAVFLIRS-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	2-5	1
TOTALS:	7-13	1
HRS	16-18	1
HRS	20-25	3, 4, 14
FLT	29-31	1
FLT	33-36	10
SHIP	39-42	1
HRS	44-46	1
SHIP HRS	48-53	3, 4, 15
SHIP	57-60	1
FLT	62-64	1
SHIP FLT	66-69	11
CAT	72-74	1
CAT	76-78	12

j. TEC Totals. TEC totals for the NAVFLIRS-1 will be an accumulation of BUNO totals and will be printed the same as BUNO totals, except TEC will be printed in positions 3-5.

k. ORG Totals. ORG totals for the NAVFLIRS-1 will be an accumulation of TEC totals and will be printed the same as TEC totals, except ORG will be printed in positions 3-5.

l. Training Area Total Column Heading Format. These headings for the NAVFLIRS-1 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
TRAINING	3-10	1
AREA	12-15	1
TOTALS:	17-23	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
AREA	4-7	1
HRS	13-15	1

AREA	23-26	1
HRS	32-34	1
AREA	42-45	1
HRS	51-53	1
AREA	61-64	1
HRS	70-72	1
AREA	80-83	1
HRS	89-91	1
AREA	99-102	1
HRS	108-110	1
AREA	118-121	1
HRS	127-129	1

m. Training Area Total Detail Format. Training area total detail lines for the NAVFLIRS-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
AREA	3-9	16, 17
HRS	12-17	3, 16, 17
AREA	22-28	16, 17
HRS	31-36	3, 16, 17
AREA	41-47	16, 17
HRS	50-55	3, 16, 17
AREA	60-66	16, 17
HRS	69-74	3, 16, 17
AREA	79-85	16, 17
HRS	88-93	3, 16, 17
AREA	98-104	16, 17
HRS	107-112	3, 16, 17
AREA	117-123	16, 17
HRS	126-131	3, 16, 17

n. Notes. Notes for the preparation of the NAVFLIRS-1 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours.
4 - Suppress printing of all leading zeros.
5 - Print/sort by alpha/numeric sequence for each BUNO.
6 - Accumulate NLNDG1-4 (Blocks 7C-43, 46, 48, 50) by TLNDG1-4 (Blocks 7C- 42, 45, 47, 49) types 1-0 for each BUNO.
7 - Accumulate NLNDG1-4 (Blocks 7C-43, 46, 48, 50) by TLNDG1-4 (Blocks 7C- 42, 45, 47, 49) types A-K, N, and P for each BUNO.
8 - Accumulate total training hours for each TRAINING AREA by BUNO.
9 - Accumulate total 1-0 and A-K, N, and P for each BUNO.
10 - Total FLTS for each BUNO.
11 - Total FLTS with OPS Code A, B, or C for each BUNO.
12 - Total CAT for each BUNO.
13 - Noun name of corresponding TMR code.
14 - Accumulate from HRS1, HRS2, and HRS3 (RECTYP 7B).

15 - Accumulate from HRS1, HRS2, and HRS3 (RECTYP 7B) with OPS Code A, B, or C.
16 - Print and sort by alpha and numeric sequence.
17 - Accumulate from training area and hours.
18 - Multiple lines within BUNO/TEC allowed.

7.3.2 Monthly Aircraft Mission Report (NAVFLIRS-2)

a. The NAVFLIRS-2 (Figure 7-7) summarizes, by TMR, the number of missions and hours flown in each category by TEC.

b. Data Source. The NAVFLIRS-2 will be prepared from data submitted on the Naval Aircraft Flight Record (OPNAV 3710/4).

c. Sort Sequence. The NAVFLIRS-2 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) TEC.

(3) TMR.

d. Control. Control for the NAVFLIRS-2 will be accomplished in the following manner:

(1) Skip a line after printing report heading, ORG heading, and detail column heading.

(2) The detail portion of the NAVFLIRS-2 will be single spaced within TEC and double spaced between different TECs (if applicable). Detail will be printed in two column format with all entries for a single TEC in the same column.

(3) Print report heading, ORG heading, and detail column headings on each page.

(4) Eject to a new page upon change in ORG.

e. Report Heading Format. Report heading for the NAVFLIRS- 2 will be printed as follows:

DATE ELEMENT	PRINT POSITION	NOTES
NAVFLIRS-2	1-10	1
MONTHLY	50-56	1
AIRCRAFT	58-65	1
MISSION	67-73	1
REPORT	75-80	1
REPORT MONTH	125-127	2
REPORT YEAR	129-130	2

f. ORG Heading Format. ORG heading for the NAVFLIRS-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		3710/4	7B-21
ORG NAME	10-29			

g. Column Heading Format. Column heading for the NAVFLIRS- 2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
TMR	8-10	1
MISSION	20-26	1
NAME	28-31	1
NR	42-43	1
MSN	45-47	1
HRS	51-53	1
AVG	59-61	1
TEC	72-74	1
TMR	79-81	1
MISSION	91-97	1
NAME	99-102	1
NR	112-113	1
MSN	115-117	1
HRS	121-123	1
AVG	129-131	1

h. Detail Format. Detail lines for the NAVFLIRS-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC	1-4		3710/4	7B-17
TMR	8-10	6	3710/4	7B-24, 30, 36
MISSION NAME	14-39	5		
NR MSN	43-46	7	3710/4	7B-24, 30, 36
HRS	50-54	3	3710/4	7B-27, 33, 39
AVG	58-62	3, 8		
TEC	72-75		3710/4	7B-17
TMR	79-81	6	3710/4	7B-24, 30, 36
MISSION NAME	85-110	5		
NR MSN	113-116	7	3710/4	7B-24, 30, 36
HRS	120-124	3	3710/4	7B-27, 33, 39
AVG	128-132	3, 8		

i. Notes. Notes for the preparation of the NAVFLIRS-2 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours.
4 - Suppress the printing of all leading zeros.
5 - Noun name of corresponding TMR code.
6 - Print in alpha numeric sequence within TEC.
7 - Accumulate number of times that the specific TMR/MSN appears.
8 - Average will represent FLT HRS divided by NR MSN for that specific TMR within TEC.

7.3.3 Monthly Individual Flight Activity Report (NAVFLIRS-3)

a. The NAVFLIRS-3 (Figure 7-8) details, by individual, specific flight activity performed during the reporting period. In addition, a summarization of instrument time, night time, weapons proficiency data, miscellaneous data, and fiscal year flight data is provided.

b. Data Source. The NAVFLIRS-3 will be prepared from data submitted on the Naval Aircraft Flight Record (OPNAV 3710/4).

c. Sort Sequence. The NAVFLIRS-3 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) NAME.

(3) SSN.

(4) DATE.

(5) TIMDEP.

(6) TEC.

(7) BUNO.

d. Control. Control for the NAVFLIRS-3 will be accomplished in the following manner:

(1) Skip a line after printing report heading; ORG heading; NAME, INT, SSN, GRADE, SVC heading; detail column heading; Weapons Proficiency Data heading, Miscellaneous Data heading, and Fiscal Year Summary Data heading.

(2) The detail portion of the report will be double spaced except for Weapons Proficiency, Miscellaneous, and Fiscal Year Summary Data.

(3) Print a one-star (*) total upon change in TEC.

(4) Print total aircraft time upon change in SSN.

(5) Print report heading; ORG heading; NAME, INT, SSN, GRADE, SVC heading; and detail column headings on each page.

(6) Print a separator line after Total Aircraft Time detail line.

(7) Eject to a new page upon change in SSN or ORG.

e. Report Heading Format. Report heading for the NAVFLIRS-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
NAVFLIRS-3	1-10	1
MONTHLY	41-47	1
INDIVIDUAL	49-58	1
FLIGHT	60-65	1
ACTIVITY	67-74	1

REPORT	76-81	1
REPORT MONTH	125-127	2
REPORT YEAR	129-130	2

f. ORG Heading Format. ORG heading for the NAVFLIRS-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		3710/4	7B-21
ORG NAME	10-29			

g. NAME, INT, SSN, GRADE, SVC Heading Format. This heading for the NAVFLIRS-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
NAME:	1-5	1		
NAME	7-20		3710/4	7D-34
INT:	23-26	1		
INT	28		3710/4	7C-11
SSN:	31-34	1		
SSN	36-44		3710/4	7C-13
GRADE:	47-52	1		
GRADE	54-57		3710/4	7D-48
SVC:	60-63	1		
SVC	65		3710/4	7C-23

h. Column Heading Format (flight activity). Column headings for the NAVFLIRS-3 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
*	79-82	1
LANDINGS	83-90	1
*	91-94	1
*	97-98	1
APPROACHES	99-108	1
*	109-111	1
A	116	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
TIME	19-22	1
ICAO	24-27	1
TIME	29-32	1
ICAO	34-37	1
EX	39-40	1

FLT	46-48	1
TIMES	50-54	1
INST	63-66	1
NITE	73-76	1
1ST	79-81	1
2ND	84-86	1
3RD	88-90	1
4TH	92-94	1
1ST	97-99	1
2ND	101-103	1
3RD	105-107	1
4TH	109-111	1
W	116	1
SP	118-119	1
TRNG	122-125	1
CODE	127-130	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	2-5	1
TEC	9-11	1
DATE	14-17	1
DEP	19-21	1
DEP	24-26	1
ARRV	29-32	1
ARRV	34-37	1
CD	39-40	1
FPT	43-45	1
CPT	49-51	1
SCT	55-57	1
ACT	61-63	1
SIM	66-68	1
TIME	73-76	1
T	79	1
N	82	1
T	84	1
N	86	1
T	88	1
N	90	1
T	92	1
N	94	1
T	97	1
N	99	1
T	101	1
N	103	1
T	105	1
N	107	1
T	109	1
N	111	1
CJ	113-114	1

Y	116	1
QU	118-119	1
1ST	121-123	1
2ND	125-127	1
3RD	129-131	1

i. Detail Format (flight activity). Detail lines for the NAVFLIRS-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BUNO	1-6		3710/4	7B-11
TEC	9-12		3710/4	7B-17
DATE	14-17		3710/4	7E-16
TIME DEP	19-22		3710/4	7E-12
ICAO DEP	24-27		3710/4	7E-20
TIME ARRV	29-32		3710/4	7F-12
ICAO ARRV	34-37		3710/4	7F-20
EXCD	40		3710/4	7C-10
FLT TIMES				
FPT	42-46	3	3710/4	7C-24
CPT	48-52	3	3710/4	7C-27
SCT	54-58	3	3710/4	7C-30
INST ACT	61-64	3	3710/4	7C-33
INST SIM	66-69	3	3710/4	7C-36
NITE TIME	72-76	3	3710/4	7C-39
LANDINGS				
1ST T	79		3710/4	7C-42
1ST N	81-82		3710/4	7C-43
2ND T	84		3710/4	7C-45
2ND N	86		3710/4	7C-46
3RD T	88		3710/4	7C-47
3RD N	90		3710/4	7C-48
4TH T	92		3710/4	7C-49
4TH N	94		3710/4	7C-50
APPROACHES				
1ST T	97		3710/4	7C-51
1ST N	99		3710/4	7C-52
2ND T	101		3710/4	7C-53
2ND N	103		3710/4	7C-54
3RD T	105		3710/4	7C-55
3RD N	107		3710/4	7C-56
4TH T	109		3710/4	7C-57
4TH N	111		3710/4	7C-58
CJ	113-114		3710/4	7B-47
AWAY	116			
SP QU	119		3710/4	7C-22
TRNG CODE 1ST	121-123		3710/4	7C-59
TRNG CODE 2ND	125-127		3710/4	7C-62
TRNG CODE 3RD	129-131		3710/4	7C-65

j. One-star (*) Total. One-star (*) totals for the NAVFLIRS-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	37	1
FLT TIMES		
FPT	42-46	3
CPT	48-52	3
SCT	54-58	3
INST ACT	61-64	3
INST SIM	66-69	3
NITE TIME	72-76	3

k. Total Aircraft Time. Total aircraft time will reflect only documented hours with the first character of the TEC being A, K, N, or X. These totals for the NAVFLIRS-3 will be printed the same as the one-star (*) totals except TOTAL AIRCRAFT TIME will appear in print positions 19-37. Simulator time, TEC's with first character of V, will not be included in Total Aircraft Time but will be included in Fiscal Year summary below.

l. Separator Line. A separator line will be printed between Total Aircraft Time and Weapons Proficiency/Fiscal Year Data in print positions 1-131.

m. Column Heading Format (Weapons Proficiency, Miscellaneous and Fiscal Year Data). These column headings for the NAVFLIRS-3 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
*	1-5	1
WEAPONS	6-12	1
PROFICIENCY	14-24	1
DATA	26-29	1
*	30-35	1
*	91-97	1
FISCAL	98-103	1
YEAR	105-108	1
SUMMARY	110-116	1
*	117-122	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
TYPE	4-7	1
DELIVERY	9-16	1
RUNS	24-27	1
SCORE	31-35	1
*	53-57	1
MISCELLANEOUS	58-70	1
DATA	72-75	1
*	76-80	1

TEC	92-94	1
HRS	100-102	1
INST	110-113	1
NIGHT	118-122	1

n. Detail Format (Weapons Proficiency, Miscellaneous, and Fiscal Year Data). Detail lines for the NAVFLIRS-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TYPE DELIVERY	1-20	7	3710/4	7G-34, 45, 56
RUNS	25-27	8	3710/4	7G-36, 47, 58
SCORE	32-35	6, 8	3710/4	7G-38, 49, 60
MISC DATA	53-72	5	3710/4	7G-63, 68
MISC HRS	77-80	5	3710/4	7G-65, 70
TEC	91-94			
HRS	99-104	3, 8		
INST	109-113	3, 8		
NIGHT	118-122	3, 8		

o. Fiscal Year Summary Total Format. Total line for the NAVFLIRS-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	90-94	1
HRS	99-104	3
INST	109-113	3
NIGHT	118-122	3

p. Notes. Notes for preparation of the NAVFLIRS-3 are as follows:

1 - Machine generated literal.

2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).

3 - Print a decimal to separate hours from tenths of hours.

4 - Suppress printing of all leading zeros.

5 - Noun name of MISC CD entered on source document. Miscellaneous codes that begin with N, R, or 1 will have data fields printed with a decimal between the 2nd and 3rd number to represent hours and tenths of hours. All other miscellaneous codes will be in whole numbers (no decimal).

6 - Score is the running average for the current month plus the previous three months.

7 - Type Delivery is the noun name of the code entered on the source document.

8 - If negative calculations are made due to insufficient weapons delivery data and/or flight hours, this print position will contain asterisks.

7.3.4 Monthly Aircraft Logistics Data Report (NAVFLIRS-4)

a. The NAVFLIRS-4 (Figure 7-9) details, by BUNO, specific logistic information documented during the reporting period.

b. Data Source. The NAVFLIRS-4 will be prepared from data submitted on the Naval Aircraft Flight Record (OPNAV 3710/4).

c. Sort Sequence. The NAVFLIRS-4 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) TEC.

(3) BUNO.

(4) AIRLIFT MSN NO.

(5) LEGNR.

d. Control. Control for the NAVFLIRS-4 will be accomplished in the following manner:

(1) Skip a line after printing each line of report heading and column heading.

(2) The report will be double spaced after the last detail line and totals, and single spaced elsewhere.

(3) Print a one-star (*) total upon change in BUNO.

(4) Print a two-star (**) total upon change in TEC.

(5) Print a three-star (***) total upon change in ORG.

(6) Eject to a new page upon change in ORG.

(7) Print report and column headings on each page.

e. Report Heading Format. Report headings for the NAVFLIRS-4 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
NAVFLIRS-4	1-10	1
MONTHLY	49-55	1
AIRCRAFT	57-64	1
LOGISTICS	66-74	1
DATA	76-79	1
REPORT	81-86	1
REPORT MONTH	124-126	2
REPORT YEAR	128-129	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		3710/4	7B-21
ORG NAME	10-29			

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC:	1-4	1		
TEC	6-9		3710/4	7B-17

f. Column Heading Format. Column headings for the NAVFLIRS- 4 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
*	43-58	1
CONFIRMED	59-67	1
PAYLOAD	69-75	1
*	76-90	1
OPPORTUNE	95-103	1
PAYLOAD	105-111	1
CONFIG	117-122	1
DATA	124-127	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
AIRLIFT	10-16	1
LEG	19-21	1
EX	24-25	1
LEG	28-30	1
PRI	43-45	1
1	47	1
PRI	51-53	1
2	55	1
PRI	59-61	1
3	63	1
PRI	67-69	1
4	71	1
PRI	75-77	1
5	79	1
CARGO	86-90	1
PAX	95-97	1
CARGO	102-106	1
CODE	109-112	1

MAX	117-119	1
MAX	125-127	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	2-5	1
MSN	10-12	1
NO	14-15	1
NR	20-21	1
CD	24-25	1
FH	29-30	1
DISTANCE	33-40	1
PAX	43-45	1
NO	47-48	1
PAX	51-53	1
NO	55-56	1
PAX	59-61	1
NO	63-64	1
PAX	67-69	1
NO	71-72	1
PAX	75-77	1
NO	79-80	1
LBS	87-89	1
NO	96-97	1
LBS	103-105	1
1	109	1
2	112	1
PAX	117-119	1
CARGO	124-128	1

g. Detail Format. Detail lines for the NAVFLIRS-4 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BUNO	1-6		3710/4	7B-11
AIRLIFT MSN NO	9-17		3710/4	7B-49
LEGNR	20-21		3710/4	7E-9
EXCD	25		3710/4	7E-10
LEG FH	28-31	3, 4		
DISTANCE	36-39		3710/4	7F-25
PRI 1 PAX NO	45-47		3710/4	7E-37
PRI 2 PAX NO	53-55		3710/4	7E-40
PRI 3 PAX NO	61-63		3710/4	7E-43
PRI 4 PAX NO	69-71		3710/4	7E-46
PRI 5 PAX NO	77-79		3710/4	7E-49
CARGO LBS	86-90		3710/4	7E-52
PAX NO	95-97		3710/4	7E-57
CARGO LBS	102-106		3710/4	7E-60
CODE 1	109		3710/4	7E-65
CODE 2	112		3710/4	7E-66

MAX PAX	117-119	3710/4	7E-67
MAX CARGO	124-128	3710/4	7E-70

h. One-star (*) Total. One-star (*) totals for the NAVFLIRS-4 will be accumulated for two-star (**) totals. One-star (*) totals will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	14	1
LEG FH	27-31	3
DISTANCE	33-39	
PRI 1 PAX NO	43-47	
PRI 2 PAX NO	51-55	
PRI 3 PAX NO	59-63	
PRI 4 PAX NO	67-71	
PRI 5 PAX NO	75-79	
CONF PAYLOAD		
CARGO LBS	84-90	
PAX NO	93-97	
OPPORTUNE		
CARGO LBS	100-106	

i. Two-star (**) Total. Two-star (**) totals for the NAVFLIRS-4 will be accumulated for three-star (***) totals. Two-star (**) totals will be printed the same as the one-star totals, except for the following:

DATA ELEMENT	PRINT POSITION	NOTES
**	14-15	1
LEG FH	26-31	3

j. Three-star (***) Total. Three-star (***) totals for the NAVFLIRS-4 will be printed the same as the two-star (**) totals, except *** will be printed in print positions 14-16.

k. Notes. Notes for the preparation of the NAVFLIRS-4 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours.
4 - LEG FH will be the calculated difference, in hours and tenths, between each Arrive/Depart data entry.

7.4 Maintenance Reports

Various reports which identify different phases of maintenance to equipment are described as follows.

7.4.1 Monthly Production Report (MDR-2)

a. The MDR-2 (Figure 7-10) lists all actions by work center, including TD compliance actions. The MDR-2 report will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-2 will be prepared from data submitted on all VIDS/MAF Copy 1 and METER Card (Green Copy) except with TRCODEs equal to 00, 02, 03, or 72. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-2 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) WC.

(3) JCNORG.

(4) TEC.

(5) WUC.

(6) AT1.

(7) MAL1.

(8) BU/SERNO.

(9) TM.

(10) TRCODE.

d. Control. Control for the MDR-2 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report heading, column headings, and each total line.

(3) Print a subsystem total on a change in WUC (first four positions), TEC, WC, or ORG.

(4) Print a TEC total on a change in TEC, WC, or ORG.

(5) Print WC and WD totals on a change in WC or ORG.

(6) Within WC, all VIDS/MAF Copy 1 (TRCODE 30) will be printed first, followed by remaining VIDS/MAF Copy 1 and METER Card (Green Copy) transactions.

(7) Eject to new page on change in WC.

(8) Print a two-star (**) total on a change in JCNORG,WC, or ORG.

(9) Print a three-star (***) total on a change in ORG.

e. Report Heading Format. Report headings for the MDR-2 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-2	1-5	1
MONTHLY	52-58	1
PRODUCTION	60-69	1
REPORT	71-76	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
			METER Card	20
WORK	11-14	1		
CENTER:	16-22	1		
WC	24-25		MAF-1	A19
			METER Card	20

f. Column Heading Format. Column headings for the MDR-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
WUC	8-10	1
POS	17-19	1
AT	22-23	1
MAL	27-29	1
FID	33-35	1
WD	38-39	1
IP	45-46	1
MHRS	55-58	1
EMT	63-65	1
BUNO	69-72	1
TM	76-77	1
JCN	79-81	1
DATE	93-96	1
PART/TDC	99-106	1
AT2	117-119	1
MAL2	121-124	1
QTY	127-129	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-2 will require one or more lines of print, depending on TRCODE and will be printed as follows:

(1) Line 1. (Utilizing all TRCODEs.)

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC	1-4		MAF-1	A48
			METER Card	20
WUC	8-14		MAF-1	A22
			METER Card	20
POS	18-19		MAF-1	A60
AT1	23		MAF-1	A35
			METER Card	20
MAL1	27-29		MAF-1	A36
			METER Card	20
FID	33-35		MAF-1	A62
WD	39	7	MAF-1	A58
			METER Card	20
IP	43-46	4, 10, 12	MAF-1	A39
			METER Card	20
MHRS	51-58	3, 4, 10, 12	MAF-1	A41
			METER Card	20
EMT	62-65	3, 10	MAF-1	A45
			METER Card	20
BUNO	69-74		MAF-1	A52
TM	77		MAF-1	A59
			METER Card	20
JCNORG	79-81		MAF-1	A08
			METER Card	20
JCNDAY	82-84		MAF-1	A11
			METER Card	20
JCNSER	85-87		MAF-1	A14
			METER Card	20
JCNSUF	88-89		MAF-1	A17
			METER Card	20
COMDAT	93-96		MAF-1	B30
			METER Card	20
PART1	99-113	8	MAF-1	E23
			METER Card	20
TDCODE	99-100	9	MAF-1	F09
TDCBAS	101-104	9	MAF-1	F11
TDCREV	105	9	MAF-1	F15
TDCAMD	106	9	MAF-1	F16
TDCPRT	107-108	9	MAF-1	F17
TDCKIT	109-110	9	MAF-1	F19
TRCODE	131-132		MAF-1	A32
			METER Card	20

(2) Line 2. (Utilizing TRCODEs 12, 14, 15, 19, 24, 25, and 32, line two will be printed as follows. Print a line 2 for each line entry in the failed/required material section of the MAF-1.)

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
PART3	99-113		MAF-1	H-Z19
AT2	119		MAF-1	H-Z10

MAL2	122-124		MAF-1	H-Z11
QTY	127-129	10	MAF-1	H-Z41

h. Subsystem Total. Subsystem totals for the MDR-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SUBSYSTEM	1-9	1
TOTAL	11-15	1
IP	43-46	5, 10
MHRS	51-58	3, 5, 10

i. Two-star (**) Total. Two-star (**) totals for the MDR-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	38-39	1
IP	42-46	10
MHRS	51-58	3, 10

j. TEC Total. TEC totals for the MDR-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
TOTAL	5-9	1
IP	42-46	6, 10
MHRS	51-58	3, 6, 10

k. WC Total. WC totals for the MDR-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WC	1-2	1
TOTAL	4-8	1
IP	42-46	10, 11
MHRS	51-58	3, 10, 11

l. WD Total. WD totals for the MDR-2 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
WD	1-2	1
TOTAL	4-8	1
A	12	1
B	16	1
C	20	1
D	24	1
E	28	1
F	32	1

G	36	1
H	40	1
J	44	1
K	48	1
L	52	1
M	56	1
N	60	1
O	64	1
P	68	1
Q	72	1
R	76	1
S	80	1
T	84	1
U	88	1
V	92	1
W	96	1
X	100	1
Y	104	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
A	10-12	10
B	14-16	10
C	18-20	10
D	22-24	10
E	26-28	10
F	30-32	10
G	34-36	10
H	38-40	10
J	42-44	10
K	46-48	10
L	50-52	10
M	54-56	10
N	58-60	10
O	62-64	10
P	66-68	10
Q	70-72	10
R	74-76	10
S	78-80	10
T	82-84	10
U	86-88	10
V	90-92	10
W	94-96	10
X	98-100	10
Y	102-104	10

m. Three-star (***) Total. Three-star (***) totals for the MDR-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
***	37-39	1
IP	42-46	10
MHRS	51-58	3, 10

n. Notes. Notes for the preparation of the MDR-2 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours.
4 - Accumulate for subsystem total.
5 - Accumulate for TEC total.
6 - Accumulate for WC total.
7 - If TRCODE is not 41 or 47, accumulate a count of JCNs for each WD, for WD total. Duplicate JCNs are considered a count of one.
8 - Print only if TRCODE is not 41 or 47.
9 - Print only if TRCODE is 41 or 47.
10 - Suppress printing of all leading zeros.
11 - Accumulate for three-star (***) totals.
12 - Accumulate for two-star (**) totals.

7.4.2 Job Control Number Consolidation Report (MDR-3)

a. The MDR-3 (Figure 7-11) lists all maintenance and TD compliance actions submitted during the accounting period. The MDR-3 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-3 will be prepared from data submitted on the VIDS/MAF Copy 1 and METER Card (Green Copy) for all TRCODEs except 00, 02, and 03. Organization selection will be made on the basis of JCNORG.

c. Sort Sequence. The MDR-3 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) JCNDAY.

(4) JCNSER.

(5) JCNSUF.

(6) TRCODE.

d. Control. Control for the MDR-3 will be accomplished in the following manner:

(1) Skip a line after printing report heading and column headings (do not skip a line between column heading lines 1 and 2).

(2) Skip a line on a change in JCNSUF, JCNSER, or JCNDAY.

(3) Print a one-star (*) total on a change in TEC within JCNORG.

(4) Skip a line after printing a one-star (*) total.

(5) Print a two-star (**) total and eject to new page on a change in JCNORG.

(6) Print report and column headings on each page.

e. Report Heading Format. Report headings for the MDR-3 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-3	1-5	1
JOB	46-48	1
CONTROL	50-56	1
NUMBER	58-63	1
CONSOLIDATION	65-77	1
REPORT	79-84	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
JCNORG	6-8		MAF-1	A08
			METER Card	20

f. Column Heading Format. Column headings for the MDR-3 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
T	13	1
A	39	1
W	41	1
QTY/	51-54	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
JCN	5-7	1
M	13	1
TEC	15-17	1

BUNO	20-23	1
WUC	27-29	1
POS	35-37	1
T	39	1
D	41	1
MAL	43-45	1
FID	47-49	1
IP	53-54	1
MHRS	59-62	1
EMT	67-69	1
MFGR	71-74	1
PART/SER/TDC	77-88	1
ORG	92-94	1
WC	97-98	1
DATE	101-104	1
P	109	1
S	114	1
R	119	1
A	124	1
T	129	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-3 will require from one to three categories of print lines, depending on TRCODE and will be printed as follows:

(1) Line 1. (Line 1 will be printed for all VIDS/MAF documents regardless of TRCODE.)

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
JCNORG	1-3		MAF-1	A08
			METER Card	20
JCNDAY	4-6		MAF-1	A11
			METER Card	20
JCNSER	7-9		MAF-1	A14
			METER Card	20
JCNSUF	10-11		MAF-1	A17
			METER Card	20
TM	13		MAF-1	A59
			METER Card	20
TEC	15-18		MAF-1	A48
			METER Card	20
BUNO	20-25		MAF-1	A52
			METER Card	20
WUC	27-33		MAF-1	A22
			METER Card	20
POS	36-37		MAF-1	A60
AT1	39		MAF-1	A35
			METER Card	20
WD	41		MAF-1	A58
			METER Card	20
MAL1	43-45		MAF-1	A36
			METER Card	20

FID	47-49		MAF-1	A62
IP	53-54	3, 12	MAF-1	A39
			METER Card	20
MHRS	56-62	3, 4, 12	MAF-1	A41
			METER Card	20
EMT	64-69	3, 4, 12	MAF-1	A45
			METER Card	20
TDCODE	77-78		MAF-1	F09
TDCBAS	79-82		MAF-1	F11
TDCREV	83		MAF-1	F15
TDCAMD	84		MAF-1	F16
TDCPRT	85-86		MAF-1	F17
TDCKIT	87-88		MAF-1	F19
ORG	92-94		MAF-1	A29
			METER Card	20
WC	97-99		MAF-1	A19
			METER Card	20
COMDAT	101-104		MAF-1	B30
			METER Card	20
TRCODE	131-132		MAF-1	A32
			METER Card	20

(2) Line 2. (If TRCODE is 12, 14, 15, 19, 24, 25, 30, 32, 41, or 47 line 2 will be required for each line entry in the failed/required material section of the VIDS/MAF Copy 1 which has an entry in Block H-Z79.) Line 2 data will be printed immediately below line 1 as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
AT2	39		MAF-1	H-Z10
MAL2	43-45		MAF-1	H-Z11
QTY	51-52	12	MAF-1	H-Z41
MFGR3	71-75		MAF-1	H-Z14
PART3	77-91	11	MAF-1	H-Z19, H-Z34

(3) Line 3. (If TRCODE is 31, line 3 will be printed immediately following line 1 with no line 2 entries in between. If TRCODE is 32, line 3 will be printed immediately following the last line 2 or line 1 if no line 2 data was available.)

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
SER1	74-83		MAF-1	E13
			METER Card	20
P	106-109	5, 12	MAF-1	B08, E38
			METER Card	20
S	111-114	6, 12	MAF-1	B08, B19
			METER Card	20
R	116-119	7, 12	MAF-1	B19, B30
			METER Card	20

A	121-124	8, 12	MAF-1	B54, B66, C09, C21, C33, C45, C57, D09
T	126-129	9, 12	MAF-1 METER Card	B30, E38 20

h. One-star (*) Total. One-star (*) totals for the MDR-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	48	1
IP	51-54	10, 12
MHRS	56-62	4, 10, 12
EMT	64-69	4, 10, 12

i. Two-star (**) Total. Two-star (**) totals for the MDR-3 will be printed the same as one-star (*) totals except ** will be printed in print positions 47-48.

j. Notes. Notes for the preparation of the MDR-3 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Accumulate for one-star (*) totals.
4 - Print a decimal to separate hours from tenths of hours.
5 - Total days in process = RECDAT (Block B08) minus DATREM (Block E38).
6 - Total days in schedule = INDAT (Block B19) minus RECDAT (Block B08).
7 - Total days in repair=COMDAT (Block B30) minus INDAT (Block 19) minus total days in AWP (See Note 8).
8 - Total days in AWP. To calculate this figure, subtract each JSDAT of each maintenance/supply record entry that has a Job Status of S from the JSDAT of the following entry. If the last entry documented has a Job Status of S, that JSDAT will be subtracted from COMDAT. Accumulate these differences to give total AWP.
9 - Total Turnaround Time = COMDAT (Block B30) minus DATREM (Block E38).
10 - Accumulate for two-star (**) totals.
11 - If PART3 (Block H-Z19) is blank, print REFSYM (Block H-Z34) in print positions 74-88.
12 - Suppress printing of all leading zeros.

7.4.3 Technical Directive Compliance Report (MDR-4-1)

a. The MDR-4-1 (Figure 7-12) is a detailed listing, by organization, of all TD compliance actions submitted during the accounting period. The MDR-4-1 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-4-1 will be prepared from data submitted on the VIDS/MAF Copy 1 with TRCODEs 41 and 47. Organization selection will be made on the basis of JCNORG.

c. Sort Sequence. The MDR-4-1 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) BU/SERNO.

(4) TRCODE.

(5) TDCBAS.

d. Control. Control for the MDR-4-1 will be accomplished in the following manner:

(1) Skip a line after printing report heading and column headings.

(2) Print a one-star (*) total on a change in TDCBAS, TRCODE,BUNO, TEC, or JCNORG.

(3) Print a two-star (**) total on a change in BUNO,TEC, or JCNORG.

(4) Print a three-star (***) total on a change in TEC or JCNORG.

(5) Skip a line between last total line and next detail line.

(6) Eject to new page on a change in JCNORG.

(7) Print report and column headings on each page.

e. Report Heading Format. Report headings for the MDR-4-1 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-4-1	1-7	1
TECHNICAL	48-56	1
DIRECTIVE	58-66	1
COMPLIANCE	68-77	1
REPORT	79-84	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
JCNORG	6-8		MAF-1	A08

f. Column Heading Format. Column heading for the MDR-4-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	2-5	1
TEC	9-11	1
INT	14-16	1
.	18-24	3

TDC	25-27	1
.	28-34	3
WUC	37-39	1
SC	46-47	1
IPO	52-54	1
MHRSO	60-64	1
IPI	69-71	1
MHRSI	77-81	1
EMT	88-90	1
ML	93-94	1
DATE	98-101	1
ORG	105-107	1
WC	111-112	1
.	117-120	3
JCN	121-123	1
.	124-127	3
TR	131-132	1

g. Detail Format. Detail lines for the MDR-4-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
BUNO	1-6		MAF-1	A52
TEC	8-11		MAF-1	A48
INT	15		MAF-1	F08
TDCODE	18-19		MAF-1	F09
TDC BAS	21-24		MAF-1	F11
TDC REV	26		MAF-1	F15
TDC AMD	28		MAF-1	F16
TDC PRT	30-31		MAF-1	F17
TDC KIT	33-34		MAF-1	F19
WUC	37-43		MAF-1	A22
AT1	47		MAF-1	A35
IPO	51-54	5, 6, 10	MAF-1	A39
MHRSO	58-64	4, 5, 6, 10	MAF-1	A41
IPI	68-71	5, 7, 10	MAF-1	A39
MHRSI	75-81	4, 5, 7, 10	MAF-1	A41
EMT	85-90	4, 5, 10	MAF-1	A45
ML	94		MAF-1	A34
COMDAT	98-101		MAF-1	B30
ORG	105-107		MAF-1	A29
WC	111-113		MAF-1	A19
JCNORG	117-119		MAF-1	A08
JCNDAY	121-123		MAF-1	A11
JCNSER	125-127		MAF-1	A14
TRCODE	131-132		MAF-1	A32

h. One-star (*) Total. One-star (*) totals for the MDR-4-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	47	1

IPO	51-54	8, 10
MHRSO	58-64	4, 8, 10
IPI	68-71	8, 10
MHRSI	75-81	4, 8, 10
EMT	85-90	4, 8, 10

i. Two-star (**) Total. Two-star (**) totals for the MDR-4-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	46-47	1
IPO	51-54	9, 10
MHRSO	58-64	4, 9, 10
IPI	68-71	9, 10
MHRSI	75-81	4, 9, 10
EMT	85-90	4, 9, 10

j. Three-star (***) Total. Three-star (***) totals for the MDR-4-1 will be printed the same as two-star (**) totals, except *** will be printed in print positions 45-47.

k. Notes. Notes for the preparation of the MDR-4-1 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print periods in the print positions indicated.
4 - Print a decimal to separate hours from tenths of hours.
5 - Accumulate for one-star (*) total.
6 - Print from those transactions where ML=1.
7 - Print from those transactions where ML=2 or 3.
8 - Accumulate for two-star (**) total.
9 - Accumulate for three-star (***) total.
10 - Suppress printing of all leading zeros.

7.4.4 Intermediate Technical Directive Compliance Report (MDR-4-2)

a. The MDR-4-2 (Figure 7-13) is a detailed listing, by organization, of all TD compliance actions submitted during the accounting period. The MDR-4-2 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-4-2 will be prepared from data submitted on the VIDS/MAF Copy 1 with TRCODEs 41 and 47. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-4-2 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) TEC.

(3) TDCODE.

(4) TDCBAS.

(5) AT1.

(6) JCN.

d. Control. Control for the MDR-4-2 will be accomplished in the following manner:

(1) Skip a line after printing report and column headings.

(2) Each detail line will represent a single VIDS/MAF Copy 1 with TRCODE 41 or 47.

(3) Print a one-star (*) total on change in TDCBAS, TDCODE, TEC, or ORG.

(4) Print a two-star (**) total on change in TDCODE, TEC, or ORG.

(5) Print a three-star (***) total on change in TEC or ORG.

(6) Print a four-star (****) total on change in ORG.

(7) Skip a line after printing total line and after last detail lines before printing minor total.

(8) Eject to a new page on a change in ORG.

(9) Print report and column headings on each page.

e. Report Heading Format. Report headings for the MDR-4-2 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-4-2	1-7	1
INTERMEDIATE	41-52	1
TECHNICAL	54-62	1
DIRECTIVE	64-72	1
COMPLIANCE	74-83	1
REPORT	85-90	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A-29

f. Column Heading Format. Column headings for the MDR-4-2 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES

.	1-5	3
TDC	6-8	1
IDENT	10-14	1
.	15-19	3
S	33	1
M	67	1
OLD	81-83	1
NEW	97-99	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
I	1	1
CD	3-4	1
BAS	7-9	1
R	11	1
A	13	1
PT	15-16	1
KT	18-19	1
TEC	23-25	1
IP	29-30	1
C	33	1
JCN	40-42	1
MHRS	54-57	1
EMT	62-64	1
L	67	1
SERIAL	70-75	1
PART	81-84	1
NUMBER	86-91	1
PART	97-100	1
NUMBER	102-107	1
WUC	113-115	1
ORG	121-123	1
WC	125-126	1
DATE	129-132	1

g. Detail Format. Detail lines for the MDR-4-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
INTIND	1		MAF-1	F08
TDCODE	3-4		MAF-1	F09
TDCBAS	6-9		MAF-1	F11
TDCREV	11		MAF-1	F15
TDCAMD	13		MAF-1	F16
TDCPRT	15-16		MAF-1	F17
TDCKIT	18-19		MAF-1	F19
TEC	22-25		MAF-1	A48
IP	28-30	5, 7	MAF-1	A39
AT1	33		MAF-1	A35
JCNORG	37-39		MAF-1	A08

JCNDAY	40-42		MAF-1	A11
JCNSER	43-45		MAF-1	A14
JCNSUF	46-47		MAF-1	A17
MHRS	52-57	4, 5, 7	MAF-1	A41
EMT	60-64	4, 5, 7	MAF-1	A45
ML	67		MAF-1	A34
SER1	70-79		MAF-1	E13
PART1	81-95		MAF-1	E23
PART2	97-111		MAF-1	G23
WUC	113-119		MAF-1	A22
ORG	121-123		MAF-1	A29
WC	125-127		MAF-1	A19
COMDAT	129-132		MAF-1	B30

h. One-star (*) Total. One-star (*) totals for the MDR-4-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TDC	11-13	1
BASIC	15-19	1
*	23	1
IP	27-30	5, 8
MHRS	52-57	4, 5, 8
EMT	60-64	4, 5, 8
AVG	72-74	1
MHRS	76-79	1
PER	81-83	1
TDC	85-87	1
=	89	1
AVERAGE	91-96	5, 6

i. Two-star (**) Total. Two-star (**) totals for the MDR-4-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TDC	11-13	1
CODE	15-18	1
**	22-23	1
IP	27-30	5, 9
MHRS	52-57	4, 5, 9
EMT	60-64	4, 5, 9

j. Three-star (***) Total. Three-star (***) totals for the MDR-4-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	11-13	1
***	21-23	1
IP	27-30	5, 10
MHRS	52-57	4, 5, 10
EMT	60-64	4, 5, 10

k. Four-star (****) Total. Four-star (****) totals for the MDR-4-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
ORG	11-13	1
****	20-23	1
IP	27-30	5
MHRS	52-57	4, 5
EMT	60-64	4, 5

l. Notes. Notes for the preparation of the MDR-4-2 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print periods in print positions indicated.
4 - Print decimal to separate hours from tenths of hours.
5 - Suppress printing of all leading zeros.
6 - Average MHRS per TDC is calculated as the result of MHRS divided by IP.
7 - Accumulate for one-star (*) total.
8 - Accumulate for two-star (**) total.
9 - Accumulate for three-star (***) total.
10 - Accumulate for four-star (****) total.

7.4.5 Maintenance Action by Bureau/Serial Number Report (MDR-5)

a. The MDR-5 (Figure7-14) consolidates all maintenance actions in BU/SERNO sequence including SE, TD compliance, and component repair at the IMA. The MDR-5 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-5 will be prepared from data submitted on the VIDS/MAF Copy 1 or METER Card (Green Copy) except TRCODEs equal to 00, 02, 03, and 72. Organization selection will be made on the basis of JCNORG.

c. Sort Sequence. The MDR-5 will reflect data sorted in the following sequence (major to minor):

(1) JCNORG.

(2) TEC.

(3) BU/SERNO.

(4) TM.

(5) AT1.

(6) WUC (First four positions).

d. Control. Control for the MDR-5 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report heading, column headings, and each total line.

(3) Print a subsystem total on a change in WUC (first four positions), TM, BU/SERNO, TEC, or JCNORG.

(4) Print a TM total on a change in TM, BU/SERNO, TEC, or JCNORG.

(5) Print BU/SERNO and WD totals on a change in BU/SERNO, TEC, or JCNORG.

(6) Print TEC total on a change in TEC or JCNORG.

(7) Print ORG and NO DEFECTS totals on a change in JCNORG.

(8) Eject to a new page after printing NO DEFECTS total.

e. Report Heading Format. Report headings for the MDR-5 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-5	1-5	1
MAINTENANCE	41-51	1
ACTION	53-58	1
BY	60-61	1
BUREAU/SERIAL	63-75	1
NUMBER	77-82	1
REPORT	84-89	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
JCNORG	6-8		MAF-1	A08
			METER Card	20

f. Column Heading Format. Column heading for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
BUNO	7-10	1
TM	13-14	1
WUC	16-18	1
MFGR	25-28	1
POS	31-33	1
WD	35-36	1
AT	38-39	1
MAL	41-43	1
FID	45-47	1
ORG	49-51	1

WC	53-54	1
IPO	58-60	1
MHRSO	65-69	1
EMTO	72-75	1
IPI	78-80	1
MHRSI	85-89	1
EMTI	92-95	1
JCN	101-103	1
DATE	109-112	1
PART/TDC	114-121	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC	1-4		MAF-1	A48
			METER Card	20
BU/SERNO	6-11		MAF-1	A52
			METER Card	20
TM	14		MAF-1	A59
			METER Card	20
WUC	16-22		MAF-1	A22
			METER Card	20
MFGR1	25-29		MAF-1	E08
			METER Card	3
POS	32-33		MAF-1	A60
WD	36	7	MAF-1	A58
			METER Card	20
AT1	39		MAF-1	A35
			METER Card	20
MAL1	41-43		MAF-1	A36
			METER Card	20
FID	45-47		MAF-1	A62
ORG	49-51		MAF-1	A29
			METER Card	20
WC	53-55		MAF-1	A19
			METER Card	20
IPO	57-60	4, 6, 8, 19	MAF-1	A39
MHRSO	62-68	3, 4, 6, 19	MAF-1	A41
EMTO	71-75	3, 4, 6, 19	MAF-1	A45
IPI	77-80	5, 6, 9, 19	MAF-1	A39
			METER Card	20
MHRSI	82-88	3, 5, 6, 19	MAF-1	A41
			METER Card	20
EMTI	91-95	3, 5, 6, 19	MAF-1	A45
			METER Card	20
JCNORG	97-99	7	MAF-1	A08
			METER Card	20
JCNDAY	100-102	7	MAF-1	A11
			METER Card	20
JCNSER	103-105	7	MAF-1	A14

			METER Card	20
JCNSUF	106-107	7	MAF-1	A17
			METER Card	20
COMDAT	109-112		MAF-1	B30
			METER Card	20
PART1	114-128	18	MAF-1	E23
			METER Card	1
TDCODE	114-115	17	MAF-1	F09
TDC BAS	116-119	17	MAF-1	F11
TDC REV	120	17	MAF-1	F15
TDC AMD	121	17	MAF-1	F16
TDC PRT	122-123	17	MAF-1	F17
TDC KIT	124-125	17	MAF-1	F19
TRCODE	131-132		MAF-1	A32
			METER Card	20

h. Subsystem Total. Subsystem totals for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SUBSYSTEM	1-9	1
TOTAL	11-15	1
IPO	57-60	10, 19
MHRSO	62-68	3, 10, 19
EMTO	70-75	3, 10, 19
IPI	77-80	10, 19
MHRSI	82-88	3, 10, 19
EMTI	90-95	3, 10, 19

i. TM Total. TM totals for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TM	1-2	1
TOTAL	4-8	1
IPO	57-60	11, 19
MHRSO	62-68	3, 11, 19
EMTO	70-75	3, 11, 19
IPI	77-80	11, 19
MHRSI	82-88	3, 11, 19
EMTI	90-95	3, 11, 19

j. BUNO Total. BUNO totals for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
BUNO	1-4	1
TOTAL	6-10	1
IPO	57-60	12, 19
MHRSO	62-68	3, 12, 19
EMTO	70-75	3, 12, 19
IPI	77-80	12, 19

MHRSI	82-88	3, 12, 19
EMTI	90-95	3, 12, 19

k. WD Total. WD totals for the MDR-5 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT POSITION	PRINT NOTES	
WD	1-2	1
TOTAL	4-8	1
A	12	1
B	16	1
C	20	1
D	24	1
E	28	1
F	32	1
G	36	1
H	40	1
J	44	1
K	48	1
L	52	1
M	56	1
N	60	1
O	64	1
P	68	1
Q	72	1
R	76	1
S	80	1
T	84	1
U	88	1
V	92	1
W	96	1
X	100	1
Y	104	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
A	10-12	19
B	14-16	19
C	18-20	19
D	22-24	19
E	26-28	19
F	30-32	19
G	34-36	19
H	38-40	19
J	42-44	19
K	46-48	19
L	50-52	19

M	54-56	19
N	58-60	19
O	62-64	19
P	66-68	19
Q	70-72	19
R	74-76	19
S	78-80	19
T	82-84	19
U	86-88	19
V	90-92	19
W	94-96	19
X	98-100	19
Y	102-104	19

l. TEC Total. TEC totals for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
TOTAL	5-9	1
IPO	57-60	13, 19
MHRSO	62-68	3, 13, 19
EMTO	70-75	3, 13, 19
IPI	77-80	13, 19
MHRSI	82-88	3, 13, 19
EMTI	90-95	3, 13, 19

m. ORG Total. ORG totals for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
ORG	1-3	1
TOTAL	5-9	1
IPO	57-60	19
MHRSO	62-68	3, 19
EMTO	70-75	3, 19
IPI	77-80	19
MHRSI	82-88	3, 19
EMTI	90-95	3, 19

n. NO DEFECTS Total. NO DEFECTS totals for the MDR-5 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
NO	1-2	1
DEFECTS	4-10	1
TOTAL	12-16	1
ORG	23-25	1
TOTAL	27-31	1
ORG TOTAL	33-36	19
ORG	41-43	1
PERCENT	45-51	1

ORG PERCENT	53-57	14, 16, 19
INT	67-69	1
TOTAL	71-75	1
INT TOTAL	77-80	19
INT	85-87	1
PERCENT	89-95	1
INT PERCENT	97-101	15, 16, 19

o. Notes. Notes for the preparation of the MDR-5 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours.
4 - Print from those transactions where ML=1.
5 - Print from those transactions where ML=2 or 3.
6 - Accumulate for subsystem total.
7 - If TRCODE is not 31, 32, 41, or 47, accumulate a count of unique JCNs within BU/SERNO for each WD code, for WD total (three VIDS/MAF Copy 1 documents with the same JCN and WD would be a count of one for the WD).
8 - Accumulate for ORG NO DEFECTS total if AT1 is equal to A, and if MAL1 is equal to 799.
9 - Accumulate for INT NO DEFECTS total if AT1 is equal to A, and if MAL1 is equal to 799.
10 - Accumulate for TM total.
11 - Accumulate for BUNO total.
12 - Accumulate for TEC total.
13 - Accumulate for ORG total.
14 - ORG percent = ORG NO DEFECTS total divided by ORG total IPO.
15 - INT percent = INT NO DEFECTS total divided by ORG total IPI.
16 - Carry to three decimal positions. Move decimal two places to the left, and print as a percent.
17 - Print from TRCODE 41 or 47 only.
18 - Print only if TRCODE is not 41 or 47.
19 - Suppress printing of all leading zeros.

7.4.6 Maintenance Action by System and Component Report (MDR-6)

a. The MDR-6 (Figure 7-15) consolidates all maintenance actions by component, including technical directive compliance. The report also shows the average number of man-hours expended for each subsystem maintenance action. The MDR-6 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-6 will be prepared from data submitted on the VIDS/MAF Copy 1 or METER Card (Green Copy) except with TRCODE equal to 00, 02, 03, or 72. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-6 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) TEC.

(3) WUC.

(4) AT1.

(5) MAL1.

(6) JCN.

d. Control. Control for the MDR-6 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report heading, column headings, and each total line.

(3) Print a total on a change in WUC (last three positions), WUC (first four positions), TEC, or ORG.

(4) Print subsystem and AT totals on a change in WUC (first four positions), TEC, or ORG.

(5) Print TEC and WD total on a change in TEC or ORG.

(6) VIDS/MAF Copy 1 transactions will follow TRCODE 30.

(7) Eject to a new page on a change in ORG.

e. Report Heading Format. Report heading for the MDR-6 heading will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-6	1-5	1
MAINTENANCE	42-52	1
ACTION	54-59	1
BY	61-62	1
SYSTEM	64-69	1
AND	71-73	1
COMPONENT	75-83	1
REPORT	85-90	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
			METER Card	20

f. Column Heading Format. Column heading for the MDR-6 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-3	1
POS	10-12	1
TEC	15-17	1
BUNO	21-24	1
AT	32-33	1
MAL	36-38	1
FID	41-43	1
WD	46-47	1
TM	50-51	1
IP	56-57	1
MHRS	63-66	1
EMT	72-74	1
JCN	83-85	1
DATE	95-98	1
MFGR	102-105	1
PART/TDC	115-122	1
WC	127-128	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-6 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
WUC	1-7		MAF-1	A22
			METER Card	20
POS	11-12		MAF-1	A60
TEC	15-18		MAF-1	A48
			METER Card	20
BU/SERNO	21-26		MAF-1	A52
			METER Card	20
AT1	33	5	MAF-1	A35
			METER Card	20
MAL1	36-38		MAF-1	A36
			METER Card	20
FID	41-43		MAF-1	A62
WD	47	6	MAF-1	A58
			METER Card	20
TM	51		MAF-1	A59
			METER Card	20
IP	54-57	4, 9, 12	MAF-1	A39
			METER Card	20
MHRS	60-66	3, 4, 9, 12	MAF-1	A41
			METER Card	20
EMT	69-74	3, 4, 9, 12	MAF-1	A45
			METER Card	20
JCNORG	80-82		MAF-1	A08
			METER Card	20
JCNDAY	83-85		MAF-1	A11
			METER Card	20

JCNSER	86-88		MAF-1	A14
			METER Card	20
JCNSUF	89-90		MAF-1	A17
			METER Card	20
COMDAT	95-98		MAF-1	B30
			METER Card	20
MFGR1	101-105		MAF-1	E08
			METER Card	3
PART1	108-122	7	MAF-1	E23
			METER Card	1
TDCODE	111-112	8	MAF-1	F09
TDC BAS	113-116	8	MAF-1	F11
TDC REV	117	8	MAF-1	F15
TDC AMD	118	8	MAF-1	F16
TDC PRT	119-120	8	MAF-1	F17
TDC KIT	121-122	8	MAF-1	F19
WC	126-128		MAF-1	A19
			METER Card	20
TRCODE	131-132		MAF-1	A32
			METER Card	20

h. Component Total. Component totals for the MDR-6 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
COMPONENT	1-9	1
TOTAL	11-15	1
IP	54-57	9, 12
MHRS	60-66	3, 9, 12
EMT	69-74	3, 9, 12

i. Subsystem Total. Subsystem totals for the MDR-6 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SUBSYSTEM	1-9	1
TOTAL	11-15	1
IP	54-57	10, 12
MHRS	60-66	3, 10, 12
EMT	69-74	3, 10, 12
MH/IP=	78-83	1
AVGMHRS	85-91	3, 11, 12

j. AT Total. AT totals for the MDR-6 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
AT	1-2	1
TOTAL	4-8	1
A	13	1

B	17	1
C	21	1
D	25	1
F	29	1
J	33	1
K	37	1
L	41	1
N	45	1
P	49	1
Q	53	1
R	57	1
S	61	1
T	65	1
Y	69	1
Z	73	1
0	77	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
A	11-13	12
B	15-17	12
C	19-21	12
D	23-25	12
F	27-29	12
J	31-33	12
K	35-37	12
L	39-41	12
N	43-45	12
P	47-49	12
Q	51-53	12
R	55-57	12
S	59-61	12
T	63-65	12
Y	67-69	12
Z	71-73	12
0	75-77	12

k. TEC Total. TEC totals for the MDR-6 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
TOTAL	5-9	1
IP	54-57	12
MHRS	60-66	3, 12
EMT	68-74	3, 12

l. WD Total. WD totals for the MDR-6 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
WD	1-2	1
TOTAL	4-8	1
A	13	1
B	17	1
C	21	1
D	25	1
E	29	1
F	33	1
G	37	1
H	41	1
J	45	1
K	49	1
L	53	1
M	57	1
N	61	1
O	65	1
P	69	1
Q	73	1
R	77	1
S	81	1
T	85	1
U	89	1
V	93	1
W	97	1
X	101	1
Y	105	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
A	11-13	12
B	15-17	12
C	19-21	12
D	23-25	12
E	27-29	12
F	31-33	12
G	35-37	12
H	39-41	12
J	43-45	12
K	47-49	12
L	51-53	12
M	55-57	12
N	59-61	12
O	63-65	12
P	67-69	12
Q	71-73	12
R	75-77	12
S	79-81	12
T	83-85	12

U	87-89	12
V	91-93	12
W	95-97	12
X	99-101	12
Y	103-105	12

m. Notes. Notes for the preparation of the MDR-6 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours.
4 - Accumulate for component total.
5 - If TRCODE is not 31, 32, 41, or 47, accumulate a count of JCNs for each AT, for AT Total.
6 - If TRCODE is not 31, 32, 41, or 47, accumulate a count of JCNs for each WD, for WD Total.
7 - Print only if TRCODE is not 41 or 47.
8 - Print only if TRCODE is 41 or 47.
9 - Accumulate for Subsystem Total.
10 - Accumulate for TEC Total.
11 - AVG MHRS = Subsystem MHRS divided by subsystem IP.
12 - Suppress printing of all leading zeros.

7.4.7 Component Repair/Beyond Capability of Maintenance Report (MDR-7)

a. The MDR-7 (Figure 7-16) provides a spread of Action Taken Codes for maintenance actions taken by the AIMD and provides an overview of the entire production effort of the activity. The MDR-7 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-7 will be prepared from data submitted on the VIDS/MAF Copy 1 or METER Card (Green Copy) with TRCODE 31 or 32. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-7 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) WC.

(3) JCNORG.

(4) WUC.

(5) TEC.

(6) PART1.

d. Control. Control for the MDR-7 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing lines 1 and 2 of the report heading, column headings, and each total line.

(3) Each line will represent a summation of IP for each AT1 within PART 1.

(4) Print a WUC/TEC/JCNORG total on a change in TEC, WUC, WC, JCNORG, or ORG.

(5) Print a WC total on a change in WC or ORG.

(6) Eject to a new page on a change in WC.

(7) Print a division total on a change in WC (first position) or ORG.

(8) Print an organization total and eject to next page on a change in ORG.

e. Report Heading Format. Report heading for the MDR-7 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-7	1-5	1
COMPONENT	33-41	1
REPAIR/BEYOND	43-55	1
CAPABILITY	57-66	1
OF	68-69	1
MAINTENANCE	71-81	1
REPORT	83-88	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
			METER Card	20

f. Column Heading Format. Column heading for the MDR-7 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
ORG	1-3	1
JCNORG	5-10	1
WC	12-13	1
WUC	16-18	1
POS	23-25	1
TEC	27-29	1
MFGR	32-35	1
PART	38-41	1
1	56	1
2	59	1
3	62	1
4	66	1

5	69	1
6	72	1
7	76	1
8	79	1
9	83	1
BCM	86-88	1
A	91	1
B	94	1
C	98	1
J	102	1
K	106	1
Z	109	1
RPR	111-113	1
OTH	115-117	1
TOT	120-122	1
MH	126-127	1
EMT	130-132	1

g. Detail Format. Detail lines for the MDR-7 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG	1-3		MAF-1	A29
			METER Card	20
JCNORG	7-9	13	MAF-1	A08
			METER Card	20
WC	12-14		MAF-1	A19
			METER Card	20
WUC	16-22		MAF-1	A22
			METER Card	20
POS	24-25		MAF-1	A60
TEC	27-30		MAF-1	A48
			METER Card	20
MFGR1	32-36		MAF-1	E08
			METER Card	3
PART1	38-52		MAF-1	E23
			METER Card	1
1	54-56	3, 8, 12	MAF-1	A39
			METER Card	20
2	57-59	3, 8, 12	MAF-1	A39
			METER Card	20
3	60-62	3, 8, 12	MAF-1	A39
			METER Card	20
4	64-66	3, 8, 12	MAF-1	A39
			METER Card	20
5	67-69	3, 8, 12	MAF-1	A39
			METER Card	20
6	70-72	3, 8, 12	MAF-1	A39
			METER Card	20
7	74-76	3, 8, 12	MAF-1	A39
			METER Card	20
8	77-79	3, 8, 12	MAF-1	A39

			METER Card	20
9	81-83	3, 8, 12	MAF-1	A39
			METER Card	20
BCM	84-88	4, 8, 12		
A	89-91	3, 8, 12	MAF-1	A39
			METER Card	20
B	92-94	3, 8, 12	MAF-1	A39
			METER Card	20
C	95-98	3, 8, 12	MAF-1	A39
			METER Card	20
J	99-102	3, 8, 12	MAF-1	A39
			METER Card	20
K	103-106	3, 8, 12	MAF-1	A39
			METER Card	20
Z	107-109	3, 8, 12	MAF-1	A39
			METER Card	20
RPR	110-113	5, 8, 12		
OTH	114-117	6, 8, 12	MAF-1	A39
			METER Card	20
TOT	118-122	7, 8, 12		
MH	124-127	8, 12, 14	MAF-1	A41
			METER Card	20
EMT	129-132	8, 12, 14	MAF-1	A45
			METER Card	20

h. WUC/TEC/JCNORG Total. WUC/TEC/JCNORG totals for the MDR-7 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC/TEC/ JCNORG	20-33	1
TOTAL	35-39	1
1	54-56	9, 12
2	57-59	9, 12
3	60-62	9, 12
4	64-66	9, 12
5	67-69	9, 12
6	70-72	9, 12
7	74-76	9, 12
8	77-79	9, 12
9	81-83	9, 12
BCM	84-88	9, 12
A	89-91	9, 12
B	92-94	9, 12
C	95-98	9, 12
J	99-102	9, 12
K	103-106	9, 12
Z	107-109	9, 12
RPR	110-113	9, 12
OTH	114-117	9, 12
TOT	118-122	9, 12

MH	124-127	9, 12, 14
EMT	129-132	9, 12, 14

i. WC Total. WC totals for the MDR-7 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WC	23-24	1
TOTAL	26-30	1
1	54-56	10, 12
2	57-59	10, 12
3	60-62	10, 12
4	64-66	10, 12
5	67-69	10, 12
6	70-72	10, 12
7	74-76	10, 12
8	77-79	10, 12
9	81-83	10, 12
BCM	84-88	10, 12
A	89-91	10, 12
B	92-94	10, 12
C	95-98	10, 12
J	99-102	10, 12
K	103-106	10, 12
Z	107-109	10, 12
RPR	110-113	10, 12
OTH	114-117	10, 12
TOT	118-122	10, 12
MH	124-127	10, 12, 14
EMT	129-132	10, 12, 14

j. Division Total. Division totals for the MDR-7 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
DIVISION	23-30	1
TOTAL	32-36	1
1	54-56	11, 12
2	57-59	11, 12
3	60-62	11, 12
4	64-66	11, 12
5	67-69	11, 12
6	70-72	11, 12
7	74-76	11, 12
8	77-79	11, 12
9	81-83	11, 12
BCM	84-88	11, 12
A	89-91	11, 12
B	92-94	11, 12
C	95-98	11, 12
J	99-102	11, 12
K	103-106	11, 12

Z	107-109	11, 12
RPR	110-113	11, 12
OTH	114-117	11, 12
TOT	118-122	11, 12
MH	124-127	11, 12, 14
EMT	129-132	11, 12, 14

k. Organization Total. Organization totals for the MDR-7 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
ORGANIZATION	23-34	1
TOTAL	36-40	1
1	53-56	12
2	57-59	12
3	60-62	12
4	63-66	12
5	67-69	12
6	70-72	12
7	73-76	12
8	77-79	12
9	80-83	12
BCM	84-88	12
A	89-91	12
B	92-94	12
C	95-98	12
J	99-102	12
K	103-106	12
Z	107-109	12
RPR	110-113	12
OTH	114-117	12
TOT	118-122	12
MH	124-127	12, 14
EMT	129-132	12, 14

l. Notes. Notes for the preparation of the MDR-7 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - IP for AT1 shown in data element column for each PART1.
4 - IP for AT1 1-9.
5 - IP for AT1 A, B, C, J, K, and Z.
6 - IP for AT1 not equal to 1-9, A, B, C, J, K, or Z.
7 - Sum of BCM, RPR, and OTH.
8 - Accumulate for WUC/TEC/JCNORG total.
9 - Accumulate for WC total.
10 - Accumulate for DIVISION total.
11 - Accumulate for ORGANIZATION total.
12 - Suppress printing of all leading zeros.
13 Printed from VIDS/MAF Copy 1 only.

14 - Low order position of source is expressed as tenths of hours. Accumulate with decimal and round to nearest whole number before displaying on report.

7.4.8 Failed Parts/Parts Required Report (MDR-8)

a. The MDR-8 (Figure 7-17) lists all parts failed/required that were entered in the failed/required material section of the VIDS/MAF Copy 1. The MDR-8 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-8 will be prepared from data submitted on the VIDS/MAF Copy 1 with TRCODE 12 or 32, and MAL2 not equal to zero. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-8 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) PART3.

(3) WUC.

(4) WC.

(5) TEC.

(6) AT2.

d. Control. Control for the MDR-8 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report headings, column headings, and part total.

(3) Each line will represent a line entry on the VIDS/MAF Copy 1 from the Failed/Required Material section (H-Z) that has a 1 in Block H-Z08/H-Z09.

(4) Print a part total on a change in PART3, WUC, WC, or ORG.

(5) Eject to a new page on a change in ORG.

e. Report Heading Format. Report headings for the MDR-8 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-8	1-5	1
FAILED	51-56	1
PARTS/PARTS	58-68	1
REQUIRED	70-77	1
REPORT	79-84	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29

f. Column Heading Format. Column headings for the MDR-8 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
DATE	112-115	1
DATE	122-125	1
F	127	1
A	129	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
ORG	1-3	1
WC	6-7	1
WUC	11-13	1
POS	19-21	1
TEC	24-26	1
TM	29-30	1
AT	32-33	1
MAL	36-38	1
WD	40-41	1
BUNO	43-46	1
PART	50-53	1
MFGR	66-69	1
REFSYM	72-77	1
QTY	82-84	1
JCN	91-93	1
DATE	101-104	1
PRI	108-110	1
ORD	113-115	1
REQN	117-120	1
RECD	122-125	1
P	127	1
W	129	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-8 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG	1-3		MAF-1	A29
WC	6-8		MAF-1	A19
WUC	11-17		MAF-1	A22
POS	20-21		MAF-1	A60
TEC	24-27		MAF-1	A48
TM	30		MAF-1	A59
AT2	33		MAF-1	H-Z10
MAL2	36-38		MAF-1	H-Z11
WD	41		MAF-1	A58
BU/SERNO	43-48		MAF-1	A52
PART3	50-64		MAF-1	H-Z19
MFGR3	66-70		MAF-1	H-Z14
REFSYM	72-78		MAF-1	H-Z34
QTY	81-84	3, 4	MAF-1	H-Z41
JCNORG	87-89		MAF-1	A08
JCNDAY	90-92		MAF-1	A11
JCNSER	93-95		MAF-1	A14
JCNSUF	96-97		MAF-1	A17
COMDAT	101-104		MAF-1	B30
PRI	108-110		MAF-1	H-Z43
DATORD	112-115		MAF-1	H-Z45
REQNUM	117-120		MAF-1	H-Z49
DATREC	122-125		MAF-1	H-Z53
FPIND	127		MAF-1	H-Z08
AWPIND	129		MAF-1	H-Z09
TRCODE	131-132		MAF-1	A32

h. Part Total. Part totals for the MDR-8 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
PART	58-61	1
TOTAL	63-67	1
QTY	81-84	4

i. Notes. Notes for the preparation of the MDR-8 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Accumulate for PART TOTAL.
4 - Suppress printing of all leading zeros.

7.4.9 Repair Cycle Data Report (MDR-9)

a. The MDR-9 (Figure 7-18) is a detailed list, by organization, showing the turnaround time for each repairable component processed through the AIMD. A summation, for each organization, will be printed which shows the number of days required to complete RFI/BCM actions. The total RFI and BCM actions

(IP) will be displayed for each category of time (0-3 days, 4-10 days, etc.). The MDR-9 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-9 will be prepared from data submitted on the VIDS/MAF Copy 1 or METER Card (Green Copy) with TRCODE 31 or 32. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-9 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) WC.

(3) PART1.

(4) TEC.

(5) SER1.

(6) AT1.

(7) TRCODE.

d. Control. Control for the MDR-9 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report heading, column headings, TEC, PART, and WC average lines.

(3) Print a TEC total and average on a change in TEC, PART1, WC, or ORG.

(4) Print a PART total and average on a change in PART1, WC, or ORG.

(5) Print a WC total and average on a change in WC or ORG.

(6) Eject to a new page on a change in WC.

(7) Print an ORG total and average and eject to next page on a change in ORG.

(8) Print turnaround time summation and eject to next page after printing ORG total.

(9) Skip a line after printing summation column headings.

(10) Eject to a new page after printing summation.

e. Report Heading Format. Report headings for the MDR-9 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-9	1-5	1
REPAIR	54-59	1
CYCLE	61-65	1

DATA	67-70	1
REPORT	72-77	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
			METER Card	20
WORK	11-14	1		
CENTER:	16-22	1		
WC	24-25		MAF-1	A19
			METER Card	20

f. Column Heading Format. Column heading for the MDR-9 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
PART	1-4	1
TEC	17-19	1
SER	22-24	1
JCN	33-35	1
WUC	45-47	1
MAL	53-55	1
IP	60-61	1
AT	64-65	1
TR	67-68	1
EMT	73-75	1
MHRS	80-83	1
PRO	87-89	1
SCH	93-95	1
REP	99-101	1
AWP	105-107	1
WORK	110-113	1
IMA	118-120	1
TOT	125-127	1
DATE	129-132	1

g. Detail Format. Detail lines for the MDR-9 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
PART 1	1-15		MAF-1	E23
			METER Card	1
TEC	17-20		MAF-1	A48
			METER Card	20
SER1	22-31		MAF-1	E13
			METER Card	4
JCNORG	33-35		MAF-1	A08

			METER Card	20
JCNDAY	36-38		MAF-1	A11
			METER Card	20
JCNSER	39-41		MAF-1	A14
			METER Card	20
JCNSUF	42-43		MAF-1	A17
			METER Card	20
WUC	45-51		MAF-1	A22
			METER Card	20
MAL1	53-55		MAF-1	A36
			METER Card	20
IP	60-61	10, 11, 13	MAF-1	A39
			METER Card	20
AT1	65		MAF-1	A35
			METER Card	20
TR	67-68		MAF-1	A32
			METER Card	20
EMT	71-75	10	MAF-1	A45
			METER Card	20
MHRS	78-83	10	MAF-1	A41
			METER Card	20
PRO	87-89	3, 10, 13	MAF-1	B08, E38
			METER Card	20
SCH	93-95	4, 10, 13	MAF-1	B08, B19
			METER Card	20
REP	99-101	6, 10, 13	MAF-1	B19, B30
			METER Card	20
AWP	105-107	5, 10, 13	MAF-1	B54, B66, C09, C21, C33, C45, C57, D09
WORK	111-113	7, 10, 13		
IMA	117-120	8, 10, 13	MAF-1	B08, B30
			METER Card	20
TOT	124-127	9, 10, 13	MAF-1	B30, E38
			METER Card	20
COMDAT	129-132		MAF-1	B30
			METER Card	20

h. TEC Total. TEC totals for the MDR-9 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
TOTAL	5-9	1
IP	57-61	12, 13
EMT	70-75	12, 13
MHRS	77-83	12, 13
PRO	85-89	12, 13
SCH	91-95	12, 13

REP	97-101	12, 13
AWP	103-107	12, 13
WORK	109-113	12, 13
IMA	115-120	12, 13
TOT	122-127	12, 13

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
AVERAGE	5-11	1
PRO	85-89	13, 14
SCH	91-95	13, 14
REP	97-101	13, 14
AWP	103-107	13, 14
WORK	109-113	13, 14
IMA	116-120	13, 14
TOT	122-127	13, 14

i. Part Number Total. Part number totals for the MDR-9 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
PART	1-4	1
NUMBER	6-11	1
TOTAL	13-17	1
IP	57-61	13, 15
EMT	70-75	13, 15
MHRS	77-83	13, 15
PRO	85-89	13, 15
SCH	91-95	13, 15
REP	97-101	13, 15
AWP	103-107	13, 15
WORK	109-113	13, 15
IMA	115-120	13, 15
TOT	122-127	13, 15

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
PART	1-4	1
NUMBER	6-11	1
AVERAGE	13-19	1
PRO	85-89	13, 14
SCH	91-95	13, 14
REP	97-101	13, 14
AWP	103-107	13, 14

WORK	109-113	13, 14
IMA	116-120	13, 14
TOT	122-127	13, 14

j. Work Center Totals. Work center totals for the MDR-9 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
WORK	1-4	1
CENTER	6-11	1
TOTAL	13-17	1
IP	57-61	13, 16
EMT	70-75	13, 16
MHRS	77-83	13, 16
PRO	85-89	13, 16
SCH	91-95	13, 16
REP	97-101	13, 16
AWP	103-107	13, 16
WORK	109-113	13, 16
IMA	115-120	13, 16
TOT	122-127	13, 16

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
WORK	1-4	1
CENTER	6-11	1
AVERAGE	13-19	1
PRO	85-89	13, 14
SCH	91-95	13, 14
REP	97-101	13, 14
AWP	103-107	13, 14
WORK	109-113	13, 14
IMA	116-120	13, 14
TOT	122-127	13, 14

k. ORG Total. ORG totals for the MDR-9 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
ORG	16-18	1
TOTAL	20-24	1
IP	57-61	13
EMT	70-75	13
MHRS	77-83	13
PRO	85-89	13

SCH	91-95	13
REP	97-101	13
AWP	103-107	13
WORK	109-113	13
IMA	115-120	13
TOT	122-127	13

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
ORG	16-18	1
AVERAGE	20-26	1
PRO	85-89	13, 14
SCH	91-95	13, 14
REP	97-101	13, 14
AWP	103-107	13, 14
WORK	109-113	13, 14
IMA	116-120	13, 14
TOT	122-127	13, 14

l. Summation. Summation for the MDR-9 will require three lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	1-5	1
TIME	7-10	1
IN	12-13	1
DAYS	15-18	1
0-3	24-26	1
4-10	35-38	1
11-20	45-49	1
21-30	56-60	1
31-60	67-71	1
61-90	78-82	1
91-120	89-94	1
121-150	99-105	1
OVER	110-113	1
150	115-117	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
RFI	22-24	1
BCM	27-29	1
RFI	33-35	1
BCM	38-40	1
RFI	44-46	1
BCM	49-51	1

RFI	55-57	1
BCM	60-62	1
RFI	66-68	1
BCM	71-73	1
RFI	77-79	1
BCM	82-84	1
RFI	88-90	1
BCM	93-95	1
RFI	99-101	1
BCM	104-106	1
RFI	110-112	1
BCM	115-117	1

(3) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
0-3 RFI	21-24	13, 17
0-3 BCM	26-29	13, 18
4-10 RFI	32-35	13, 17
4-10 BCM	37-40	13, 18
11-20 RFI	43-46	13, 17
11-20 BCM	48-51	13, 18
21-30 RFI	54-57	13, 17
21-30 BCM	59-62	13, 18
31-60 RFI	65-68	13, 17
31-60 BCM	70-73	13, 18
61-90 RFI	76-79	13, 17
61-90 BCM	81-84	13, 18
91-120 RFI	87-90	13, 17
91-120 BCM	92-95	13, 18
121-150 RFI	98-101	13, 17
121-150 BCM	103-106	13, 18
OVER 150 RFI	109-112	13, 17
OVER 150 BCM	114-117	13, 18

m. Notes. Notes for the preparation of the MDR-9 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - PRO = RECDAT minus DATREM.
4 - SCH = INDAT minus RECDAT.
5 - AWP. To calculate this figure: subtract each JSDAT of each maintenance/supply record entry that has a Job Status of S from the JSDAT of the following entry. If the last entry documented has a Job Status of S that JSDAT will be subtracted from COMDAT. Accumulate these differences to give total AWP.
6 - REP = (COMDAT minus INDAT) minus AWP.
7 - WORK = REP plus AWP.
8 - IMA = COMDAT minus RECDAT.
9 - TOT = PRO plus SCH plus WORK.
10 - Accumulate for TEC total.

11 - Accumulate, by RFI and BCM category, for the following TOT time frames: 0-3, 4-10, 11-20, 21-30, 31-60, 61-90, 91-120, 121-150, and OVER 150 days. RFI equates to those actions with AT1 not equal to 1-9. BCM equates to those actions with AT1 equal to 1-9.
12 - Accumulate for PART total.
13 - Suppress printing of all leading zeros.
14 - AVERAGE = Number of days divided by IP. Compute to one decimal place. Print a decimal to separate tenths of days from whole days.
15 - Accumulate for WC total.
16 - Accumulate for ORG total.
17 - Total RFI IP for TOT within range of days defined in column heading.
18 - Total BCM IP for TOT within range of days defined in column heading.

7.4.10 Foreign Object Damage Report (MDR-10)

a. The MDR-10 (Figure 7-19) shows the maintenance effort attributable to foreign object damage. Components replaced, repaired, condemned, etc., can be identified. The MDR-10 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-10 will be prepared from data submitted on the VIDS/MAF Copy 1 if MAL1 or MAL2 equals 301 and TRCODE is not equal to 72. Organization selection will be made on the basis of JCNORG.

c. Sort Sequence. The MDR-10 will reflect data sorted in the following sequence (major to minor):

(1) JCN.

(2) TEC.

(3) WUC.

d. Control. Control for the MDR-10 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report heading and column headings.

(3) Skip a line on a change in WUC, JCNORG, JCNDAY, JCNSER, or JCNSUF.

(4) Print a one-star (*) total on a change in TEC or JCNORG.

(5) Print a two-star (**) total on a change in JCNORG.

(6) Eject to a new page on a change in JCNORG.

e. Report Heading Format. Report headings for the MDR-10 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-10	1-6	1

FOREIGN	53-59	1
OBJECT	61-66	1
DAMAGE	68-73	1
REPORT	75-80	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
JCNORG	6-8		MAF-1	A08

f. Column Heading Format. Column headings for the MDR-10 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-3	1
POS	10-12	1
TEC	15-17	1
BUNO	21-24	1
WD	29-30	1
TM	33-34	1
AT	37-38	1
MAL	41-43	1
FID	46-48	1
IP	53-54	1
MHRS	60-63	1
MFGR	67-70	1
PART	73-76	1
NUMBER	78-83	1
REFSYM	91-96	1
JCN	103-105	1
ORG	114-116	1
WC	119-120	1
DATE	124-127	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-10 will require one or two lines of print, depending on TRCODE and will be printed as follows:

(1) Line 1 (Utilizing all TRCODEs.)

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
WUC	1-7		MAF-1	A22
POS	10-11		MAF-1	A60
TEC	15-18		MAF-1	A48
BU/SERNO	21-26		MAF-1	A52
WD	30		MAF-1	A58
TM	34		MAF-1	A59

AT1	38		MAF-1	A35
MAL1	41-43		MAF-1	A36
FID	46-48		MAF-1	A62
IP	51-54	4	MAF-1	A39
MHRS	57-63	3, 4	MAF-1	A41
MFGR1	66-70		MAF-1	E08
PART1	73-87		MAF-1	E23
JCNORG	100-102		MAF-1	A08
JCNDAY	103-105		MAF-1	A11
JCNSER	106-108		MAF-1	A14
JCNSUF	109-110		MAF-1	A17
ORG	114-116		MAF-1	A29
WC	119-121		MAF-1	A19
COMDAT	124-127		MAF-1	B30
TRCODE	131-132		MAF-1	A32

(2) Line 2 (For JCNs utilizing TRCODEs 12, 14, 15, 19, 24, 25, and 32,line 2 will be printed for each H-Z line entry on the VIDS/MAF Copy 1.)

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
AT2	38		MAF-1	H-Z10
MAL2	41-43		MAF-1	H-Z11
MFGR3	66-70		MAF-1	H-Z14
PART3	73-87		MAF-1	H-Z19
REFSYM	90-96		MAF-1	H-Z34

h. One-star (*) Total. One-star (*) totals for the MDR-10 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	48	1
IP	51-54	5
MHRS	57-63	3, 5

i. Two-star (**) Total. Two-star (**) totals for the MDR-10 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	47-48	1
IP	51-54	
MHRS	57-63	3

j. Notes. Notes for the preparation of the MDR-10 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours (XXX.X).
4 - Accumulate for one-star (*) total.
5 - Accumulate for two-star (**) total.

7.4.11 Corrosion Control/Treatment Report (MDR-11)

a. The MDR-11 (Figure 7-20) is designed as a means for monitoring a corrosion control program or for investigating the amount of corrective corrosion treatment necessary. The MDR-11 will be prepared per the following criteria.

b. Data Source. The MDR-11 will be prepared from data submitted on the VIDS/MAF Copy 1 (MAF1), except those with TRCODE 72, having the first two positions of WUC equal to 04 or the MAL Code (MAL1) equal to 170. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-11 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) TEC.

(3) BU/SERNO.

(4) WUC (MAF-1 only).

d. Control. Control for the MDR-11 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report heading and column headings.

(3) Print a one-star (*) total on a change in WUC, BU/SERNO, TEC, or ORG.

(4) Print a two-star (**) total on a change in BU/SERNO, TEC, or ORG.

(5) Print a three-star (***) total on a change in ORG.

(6) Skip a line between last total line and next detail line.

(7) Eject to a new page on a change in ORG.

e. Report Heading Format. Report headings for the MDR-11 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-11	1-6	1
CORROSION	49-57	1
CONTROL/ TREATMENT	59-75	1
REPORT	77-82	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29

f. Column Heading Format. Column heading for the MDR-11 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-3	1
POS	10-12	1
TEC	15-17	1
BUNO	21-24	1
WD	29-30	1
TM	33-34	1
AT	37-38	1
MAL	41-43	1
FID	46-48	1
IP	52-53	1
MHRS	58-61	1
EMT	66-68	1
ML	71-72	1
DATE	75-78	1
MFGR	81-84	1
PART	88-91	1
NUMBER	93-98	1
ORG	105-107	1
WC	111-112	1
JCN	120-122	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-11 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
WUC	1-7		MAF-1	A22
POS	11-12		MAF-1	A60
TEC	15-18		MAF-1	A48
BU/SERNO	21-26		MAF-1	A52
WD	30		MAF-1	A58
TM	34		MAF-1	A59
AT1	38		MAF-1	A35
MAL1	41-43		MAF-1	A36
FID	46-48		MAF-1	A62
IP	50-53	4, 7	MAF-1	A39
MHRS	55-61	3, 4, 7	MAF-1	A41
EMT	63-68	3, 4, 7	MAF-1	A45
ML	72		MAF-1	A34
COMDAT	75-78		MAF-1	B30
MFGR1	81-85		MAF-1	E08
PART1	88-102		MAF-1	E23
ORG	105-107		MAF-1	A29

WC	111-113	MAF-1	A19
JCNORG	117-119	MAF-1	A08
JCNDAY	120-122	MAF-1	A11
JCNSER	123-125	MAF-1	A14
JCNSUF	126-127	MAF-1	A17
TRCODE	131-132	MAF-1	A32

h. One-star (*) Total. One-star (*) totals for the MDR-11 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	48	1
IP	50-53	5, 7
MHRS	55-61	3, 5, 7
EMT	63-68	3, 5, 7

i. Two-star (**) Total. Two-star (**) totals for the MDR-11 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	47-48	1
IP	50-53	6, 7
MHRS	55-61	3, 6, 7
EMT	63-68	3, 6, 7

j. Three-star (***) Total. A three-star (***) totals for the MDR-11 will be printed the same as the two-star (**) totals except *** will be printed in print positions 46-48.

k. Notes. Notes for the preparation of the MDR-11 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours (XXX.X).
4 - Accumulate for one-star (*) total.
5 - Accumulate for two-star (**) total.
6 - Accumulate for three-star (***) total.
7 - Suppress printing of all leading zeros.

7.4.12 No Defect Report (MDR-12)

a. The MDR-12 (Figure 7-21) shows the amount of time and effort expended on maintenance in which there is no malfunction or alleged malfunction. The MDR-12 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-12 will be prepared from data submitted on the VIDS/MAF Copy 1 or METER Card (Green Copy) if MAL1 is equal to 127, 281, 282, 799, 800, 804, 805, 806, 807, 811, 812, 813, 814, 815, 816, 817, or 818 and AT1 is equal to A, J, P, Q, S, or T, and TRCODE is not equal to 41, 47, or 72. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-12 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) MAL1.

(3) TEC.

(4) WUC.

(5) AT1.

(6) JCNORG.

d. Control. Control for the MDR-12 will be accomplished in the following manner:

(1) Print report and column heading on each page.

(2) Skip a line after printing report heading and column headings.

(3) Print a one-star (*) total on change in JCNORG, AT1, WUC (first two positions), or TEC.

(4) Print a two-star (**) total on a change in MAL1.

(5) Print a three-star (***) total on a change in ORG.

(6) Skip a line between last total line and next detail line.

(7) Eject to a new page on change in ORG.

e. Report Heading Format. Report headings for the MDR-12 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-12	1-6	1
NO	58-59	1
DEFECT	61-66	1
REPORT	68-73	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
			METER Card	20

f. Column Heading Format. Column heading for the MDR-12 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-3	1
POS	9-11	1

TEC	13-15	1
BUNO	19-22	1
WD	26-27	1
TM	30-31	1
AT	34-35	1
MAL	38-40	1
FID	43-45	1
IP	49-50	1
MHRS	55-58	1
EMT	62-64	1
ML	67-68	1
DATE	71-74	1
MFGR	77-80	1
PART	84-87	1
NUMBER	89-94	1
SERIAL	100-105	1
WC	111-112	1
JCN	120-122	1
TR	131-132	1

g. Detail Format. Detail lines for the MDR-12 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
WUC	1-7		MAF-1	A22
			METER Card	20
POS	9-10		MAF-1	A60
TEC	13-16		MAF-1	A48
			METER Card	20
BU/SERNO	19-24		MAF-1	A52
			METER Card	20
WD	27		MAF-1	A58
			METER Card	20
TM	31		MAF-1	A59
			METER Card	20
AT	35		MAF-1	A35
			METER Card	20
MAL	38-40		MAF-1	A36
			METER Card	20
FID	43-45		MAF-1	A62
IP	49-50	4	MAF-1	A39
			METER Card	20
MHRS	54-58	3, 4	MAF-1	A41
			METER Card	20
EMT	61-64	3, 4	MAF-1	A45
			METER Card	20
ML	68		MAF-1	A34
			METER Card	20
DATE	71-74		MAF-1	B30
			METER Card	20
MFGR1	77-81		MAF-1	E08
			METER Card	3

PART	84-98	MAF-1	E23
		METER Card	1
SER	100-109	MAF-1	E13
		METER Card	4
WC	111-113	MAF-1	A19
		METER Card	20
JCNORG	117-119	MAF-1	A08
		METER Card	20
JCNDAY	120-122	MAF-1	A11
		METER Card	20
JCNSER	123-125	MAF-1	A14
		METER Card	20
JCNSUF	126-127	MAF-1	A17
		METER Card	20
TR	131-132	MAF-1	A32
		METER Card	20

h. One-star (*) Total. One-star (*) totals for the MDR-12 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	45	1
IP	47-50	5
MHRS	52-58	3, 5
EMT	60-64	3, 5

i. Two-star (**) Total. Two-star (**) totals for the MDR-12 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	44-45	1
IP	47-50	6
MHRS	52-58	3, 6
EMT	60-64	3, 6

j. Three-star (***) Total. Three-star (***) totals for the MDR-12 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
***	43-45	1
IP	47-50	
MHRS	52-58	3
EMT	60-64	3

k. Notes. Notes for the preparation of the MDR-12 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours (XXX.X).
4 - Accumulate for one-star (*) total.

5 - Accumulate for two-star (**) total.
6 - Accumulate for three-star (***) total.

7.4.13 When Malfunction Was Discovered Report (MDR-13)

a. The MDR-13 (Figure 7-22) depicts the action taken, by category, of each When Discovered Code for all maintenance actions submitted during the accounting period. The MDR-13 will be prepared per the criteria in the following paragraphs.

b. Data Source. The MDR-13 will be prepared from data submitted on the VIDS/MAF Copy 1, or METER Card (Green Copy) with first two positions of WUC not equal to 03, 04 or blank and not equal to TRCODE 00, 02, 03, or 72. Organization selection will be made on the basis of ORG.

c. Sort Sequence. The MDR-13 will reflect data sorted in the following sequence (major to minor):

(1) ORG.

(2) TEC.

(3) WD.

(4) WUC.

(5) MAL1.

(6) AT1.

(7) JCNORG.

d. Control. Control for the MDR-13 will be accomplished in the following manner:

(1) Print report and column headings on each page.

(2) Skip a line after printing report heading and column headings.

(3) Each line will represent a summation of IP, MHRS, and EMT on a change in JCNORG, AT1, MAL1, WUC (last five positions), TEC, WD, or ORG.

(4) Print a two-star (**) total on a change in WUC (first two positions),WD, TEC, or ORG.

(5) Skip a line between two-star (**) and three-star (***) totals.

(6) Print a three-star (***) total on a change in WD, TEC, or ORG.

(7) Print a four-star (****) total on a change in TEC or ORG.

(8) Skip a line between last total line and next detail line.

(9) Eject to a new page on a change in ORG.

(10) Exclude printing of any record which contain an AT1 code of D.

e. Report Heading Format. Report headings for the MDR-13 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
MDR-13	1-6	1
WHEN	46-49	1
MALFUNCTION	51-61	1
WAS	63-65	1
DISCOVERED	67-76	1
REPORT	78-83	1
REPORT MONTH	127-129	2
REPORT YEAR	131-132	2

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
ORG:	1-4	1		
ORG	6-8		MAF-1	A29
			METER Card	20

f. Column Heading Format. Column heading for the MDR-13 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TEC	1-3	1
WD	9-10	1
WUC	20-22	1
POS	28-30	1
AT	35-36	1
MAL	42-44	1
FID	50-52	1
JCNORG	58-63	1
ACTORG	71-76	1
IP	107-108	1
MHRS	117-120	1
EMT	130-132	1

g. Detail Format. Detail lines for the MDR-13 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TEC	1-4		MAF-1	A48
			METER Card	20
WD	10		MAF-1	A58
			METER Card	20
WUC	16-22		MAF-1	A22
			METER Card	20
POS	28-30		MAF-1	A60
AT1	36	5	MAF-1	A35
			METER Card	20
MAL1	42-44		MAF-1	A36

			METER Card	20
FID	50-52		MAF-1	A62
JCNORG	60-62		MAF-1	A08
			METER Card	20
ACTORG	73-75		MAF-1	A29
			METER Card	20
IP	105-108	4, 10	MAF-1	A39
			METER Card	20
MHRS	114-120	3, 4, 10	MAF-1	A41
			METER Card	20
EMT	126-132	3, 4, 10	MAF-1	A45
			METER Card	20

h. Two-star (**) Total. Two-star (**) totals for the MDR-13 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	100-101	1
IP	105-108	6, 10
MHRS	114-120	3, 6, 10
EMT	126-132	3, 6, 10

i. Three-star (***) Total. Three-star (***) totals for the MDR-13 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
A	3	1
B	8	1
C	13	1
F	18	1
J	23	1
K	28	1
L	33	1
N	38	1
P	43	1
Q	48	1
R	53	1
S	58	1
T	63	1
Y	68	1
Z	73	1
0	78	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
A	1-3	7, 10
B	6-8	7, 10

C	11-13	7, 10
F	16-18	7, 10
J	21-23	7, 10
K	26-28	7, 10
L	31-33	7, 10
N	36-38	7, 10
P	41-43	7, 10
Q	46-48	7, 10
R	51-53	7, 10
S	56-58	7, 10
T	61-63	7, 10
Y	66-68	7, 10
Z	71-73	7, 10
0	76-78	8, 10
***	100-102	1
IP	105-108	9, 10
MHRS	114-120	3, 9, 10
EMT	126-132	3, 9, 10

j. Four-star (****) Total. Four-star (****) totals for the MDR-13 will be printed the same as two-star (**) totals, except four stars (****) will be printed in print positions 100-103.

k. Notes. Notes for the preparation of the MDR-13 are as follows:

1 - Machine generated literal.
2 - Month and year of the accounting period for which the report is being produced (in MMM YY format).
3 - Print a decimal to separate hours from tenths of hours (XXX.X).
4 - Accumulate for two-star (**) total.
5 - Accumulate IP for each AT1 for three-star (***) total.
6 - Accumulate for three-star (***) total.
7 - Print the number of IP for each alphabetic AT1 under appropriate column.
8 - Total IP for all numeric AT1.
9 - Accumulate for four-star (****) total.
10 - Suppress printing of all leading zeros.

7.5 Material Reports

Reports which reflect material reporting data are described in the following paragraphs.

7.5.1 Repairable Management Data Reports (MR-1-1 and MR-1-2)

a. These reports (Figures 7-23 and 7-24) are provided for the purpose of repairables management and fixed allowance determination under OSI procedures. These reports merge supply and maintenance data elements to determine frequency (usage) and turnaround time of locally processed repairables. The MR-1-1 and MR-1-2 will be prepared per the following criteria. The MR-1-1 and MR-1-2 are basically identical except for the sequence in which they are produced and totals taken. Each report will contain two parts. Part I will be a detail list and Part II will be a summarization of the detail list. Organization selection will be made on the basis of SUPORG.

b. Data Source. Data source for the MR-1-1 and the MR-1-2 will be material issue documents (RECTYP 60) which have a MCC of D, E, G, H, Q, or X and a Cognizant Symbol (COG) of 1R, 2R, 4Z, 6K, 6R, 7E,

7G, 7R, 7Z, 8R, or with a Blank MCC and COGs of 9F, 9I, 9J, or 9V. These material issue records will be married up to (match on JCN) corresponding off-equipment maintenance actions (VIDS/MAF Copy 1 with TRCODE of 31/32 and/or 63 transaction). The current 6-month's data will be utilized for the production of this report.

c. Sort Sequence. The MR-1-1 and MR-1-2 will be prepared in the following sequence (major to minor) within SUPORG:

MR-1-1	MR-1-2
WUC	NIIN
NIIN	JCN
JCN	

NOTE: For NALCOMIS Optimized IMA sites, the MR-1-1 report processed on the NALCOMIS data base will be sorted in Family Group Code sequence.

d. Control. Control for the MR-1-1 and MR-1-2 will be accomplished as follows:

(1) The ability to select the report period will be available to the requesting activity. The requested report period must, however, be within the current 6 months and must be specified in increments of monthly accounting periods only.

(2) The ability to select either Parts I or II independently or both will be available.

(3) Part I detail lines will represent a single material issue (60) which has a corresponding (match by JCN) 31/32 VIDS/MAF Copy 1 transaction and/or 63 transaction. If a material issue resides in the data base without a matching 31/32 VIDS/MAF Copy 1 transaction and/or 63 transaction, it will not be printed unless it has been in the data base for 6 months.

(4) A 31/32 VIDS/MAF and, or 63 transaction residing in the data base without a matching material issue will never be printed.

(5) A Part I total will be printed upon change in WUC (MR-1-1) or NIIN (MR-1-2).

(6) A Part II total will be printed upon change in WUC (MR-1-1) or NIIN (MR-1-2).

(7) A page overflow will occur between Parts I and II and upon change in SUPORG.

(8) A Part II detail line will be a summarization for each WUC within SUPORG for the MR-1-1 and NIIN within SUPORG for the MR-1-2.

(9) The total number of WUCs (MR-1-1) or NIINs (MR-1-2) will be printed at the end of Part II.

(10) Detail lines for the Part I will be single spaced. Detail lines for the Part II will be double spaced.

(11) Skip a line after report, column, part, and SUPORG headings (do not skip a line between column, part, and SUPORG headings).

(12) Print all report column, part, and SUPORG headings on each page.

e. Report Heading Format. Report headings for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
MR-1-1	1-6	1, 3
MR-1-2	1-6	1, 4
REPAIRABLE	50-59	1
MANAGEMENT	61-70	1
DATA	72-75	1
REPORT	77-82	1
FROM MONTH	110-112	2
FROM YEAR	114-115	2
THROUGH	117-123	1
TO MONTH	125-127	2
TO YEAR	129-130	2

f. Part I Heading Format. Part I heading for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
PART	55-58	1
I	60	1
-	62	1
DETAIL	64-69	1
LIST	71-74	1
WUC	76-78	1, 3
NIIN	76-79	1, 4

g. Part I and II SUPORG Heading Format. Part I and II SUPORG heading for both the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SUPPLY	1-6	1
ORGANIZATION:	8-20	1
SUPORG	22-24	

h. Part I Column Heading Format. Part 1 column headings for MR-1-1 and MR-1-2 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
.	21-25	5
NSN	26-28	1
.	29-34	5
.	41-45	5
JCN	46-48	1
.	49-55	5
A	92	1
.	95-97	5

REPAIR	98-103	1
CYCLE	105-109	1
DATA	111-114	1
.	115-117	5
COMP	121-124	1

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-3	1
COG	9-11	1
MCC	14-16	1
P	18	1
NSC	21-23	1
NIIN	29-32	1
SMIC	36-39	1
ORG	41-43	1
DAY	45-47	1
SER	49-51	1
SUF	53-55	1
TEC	58-60	1
QTY	64-66	1
MFGR	69-72	1
PART	76-79	1
NUMBER	81-86	1
T	92	1
REM	95-97	1
SCH	100-102	1
AWP	105-107	1
REP	110-112	1
TAT	115-117	1
DATE	121-124	1
BCM	128-130	1

i. Part I Detail Format. Part I detail lines for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
WUC	1-7		DD 1348	P
COG	10-11		DD 1348	18
MCC	15		DD 1348	73
PURP	18		DD 1348	70
NSNPN (NSC)	21-24	6	DD 1348	4, 5, 6
NSNPN (NIIN)	26-34	7	DD 1348	4, 5, 6
NSNPN (SMIC)	37-38	8	DD 1348	4, 5, 6
JCNORG	41-43		DD 1348	L, M
JCNDAY	45-47		DD 1348	L, M
JCNSER	49-51		DD 1348	L, M
JCNSUF	53-54		DD 1348	L, M
TEC	57-60		DD 1348	N
QTY	62-66	9, 10	DD 1348	8

MFGR	69-73		DD 1348	R
PART1	76-90		MAF-1	E23
AT1	92		MAF-1	A35
REM	94-97	9, 10, 11	CALCULATED	
SCH	99-102	9, 10, 12	CALCULATED	
AWP	104-107	9, 10, 13	CALCULATED	
REP	109-112	9, 10, 14	CALCULATED	
TAT	114-117	9, 10, 15	CALCULATED	
COMDAT	121-124		MAF-1	B30
BCM	129	9, 10, 24	CALCULATED	

j. Part I Total. Part I totals for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-7	3
TOTAL	10-14	1, 3
NIIN	26-34	4
TOTAL	36-40	1, 4
QTY	62-66	9
REM	94-97	9
SCH	99-102	9
AWP	104-107	9
REP	109-112	9
TAT	114-117	9
BCM	128-130	9

k. Part I Monthly Average. The Part I monthly averages for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-7	3
MONTHLY	10-16	1, 3
AVERAGE	18-24	1, 3
NIIN	26-34	4
MONTHLY	36-42	1, 4
AVERAGE	44-50	1, 4
AVERAGE QTY	61-66	9, 16
AVERAGE REM	94-97	9, 17
AVERAGE SCH	99-102	9, 17
AVERAGE AWP	104-107	9, 17
AVERAGE REP	109-112	9, 17
AVERAGE TAT	114-117	9, 17
(	120	1
CONSTRAINED		
AVERAGE TAT	121-124	9, 18
)	125	1
AVG BCM	128-130	9, 16

l. Part I Monthly Pool Allowance. Part I monthly pool allowances for MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-7	3
NIIN	26-34	4
CONSTRAINED ALW	40-54	1
CONSTRAINED ALLOWANCE	56-57	9, 19
+	59	1
ATTRITION ALW	61-73	1
ATTRITION ALLOWANCE	75-76	9, 21
=	79	1
POOL ALW	82-89	1
POOL ALLOW-ANCE	92-94	9, 22

m. Part II Heading Format. Part II headings for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
PART	55-58	1
II	60-61	1
-	63	1
WUC	65-67	1, 3
NIIN	65-68	1, 4
SUMMARY	70-76	1
(MONTHLY	78-85	1
AVERAGES)	87-95	1

n. Part II Column Heading Format. Part II column headings for the MR-1-1 and MR-1-2 will require two lines of print and will be printed as follows:

(1) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
.	97-101	5
REPAIR	102-107	1
CYCLE	109-113	1
DATA	115-118	1
.	119-123	5

(2) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-3	1, 3
NIIN	1-4	1, 4
QTY	15-17	1
CONSTRAINED ALW	22-36	1

+	38	1
ATTRITION ALW	40-52	1
=	55	1
POOL ALW	58-65	1
REM	97-99	1
SCH	103-105	1
AWP	109-111	1
REP	115-117	1
TAT	121-123	1
BCM	128-130	1

o. Part II Detail Format. Part II detail lines for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	1-7	3
NIIN	1-9	4
QTY	15-17	9, 16
CONSTRAINED ALLOWANCE	28-30	9, 19
ATTRITION ALLOWANCE	45-47	9, 21
POOL ALLOWANCE	60-62	9, 22
CONSTRAINED AVG REM	96-99	9, 20
CONSTRAINED AVG SCH	102-105	9, 20
CONSTRAINED AVG AWP	108-111	9, 20
CONSTRAINED REP	114-117	9, 20
CONSTRAINED AVG TAT	120-123	9, 20
AVG BCM	127-130	9, 16

p. Part II Total. Part II totals for the MR-1-1 and MR-1-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
***	1-3	1
TOTAL	4-8	1
NUMBER	10-15	1
OF	17-18	1
WUC	20-22	1, 3
NIIN	20-23	1, 4
=	25	1
TOTAL	27-32	9, 23

q. Notes. Notes for the preparation of the MR-1-1 and MR-1-2 are as follows:

1 - Machine generated literal.
2 - Report period will be displayed in MMM YY format and will be the period of time (from-thru) which the data in the report represents. This data will be specified by the requesting activity.
3 - Applies to MR-1-1 only.
4 - Applies to MR-1-2 only.
5 - Print periods in print positions specified.
6 - Print characters 1-4 of NSNPN.
7 - Print characters 5-13 of NSNPN.
8 - Print characters 14-15 of NSNPN.
9 - Suppress printing of leading zeros.
10 - Accumulate for Part I total.
11 - REM (Removal Time) equals the result of RECDAT minus DATREM.
12 - SCH (Scheduling Time) equals the result of INDAT minus RECDAT.
13 - AWP. To calculate this figure; subtract each JSDAT of each Maintenance/Supply Record entry that has a Job Status (JS) of S from the JSDAT of the following entry. If the last entry documented has a JS of S, that JSDAT will be subtracted from COMDAT. Accumulate these differences to give total AWP.
14 - REP (Repair Time) equals the result of COMDAT minus INDAT1 minus total AWP as described in Note 13 above.
15 - TAT equals the result of COMDAT minus DATREM.
16 - Average QTY and Average BCM equals the result of total QTY and total BCM divided by the number of months in the accounting period.
17 - Average repair cycle data is the result of each repair cycle element total (REM, SCH, AWP, REP, or TAT) divided by the number of JCNs reported for the applicable WUC (MR-1-1) or NIIN (MR-1-2).
18 - Constrained Average TAT. To compute this figure, the constraints described in Shorebased Consolidated Allowance List (NAVICPINST 4441.16K) (NOTAL) will be applied to each repair cycle data element for each of the detail lines that have an AT1 equal to B or C. Although actual results are printed on the detail lines, the constrained result will be accumulated internally within the computer to determine a constrained total by WUC (MR-1-1) or NIIN (MR-1-2). The constrained total for each element will be divided by the number of JCNs (B and C actions only) to determine the constrained average. The constrained average for REM, SCH, AWP, and REP will be accumulated to give constrained average TAT. Detail lines with an AT1 of other than B or C will not be used for determining constrained average TAT. To apply a constraint, calculate the repair cycle element (REM, SCH, AWP, or REP) as directed in Notes 11 through 14. If the result is equal to or less than the constraint, use the actual result of the calculation. If the result is greater than the constraint, the constraint will be used. When applying constraints to averages, fractions will be rounded to the nearest whole number before applying the constraint. Established constraints are as follows:

REM 1 day
AWP = 20 days
REP = 8 days
TAT = 20 days

19 - Constrained Allowance. Constrained allowance will be determined by multiplying the average quantity (Note 16) by the constrained average TAT (Note 18) and applying that result to the table of intermediate maintenance activity rotatable pool levels as follows:

PRODUCT IS FROM-TO	CONSTRAINED ALW =	PRODUCT IS FROM-TO	CONSTRAINED ALW=
1-3.2	0	3.3-6.0	1
6.1-21.6	2	21.7-40.2	3
40.3-60.4	4	60.5-81.8	5
81.9-103.8	6	103.9-126.5	7
126.6-149.7	8	149.8-173.2	9
173.3-197.1	10	197.2-221.3	11
221.4-245.8	12	245.9-270.4	13
270.5-296.5	14	296.6-320.3	15
320.4-345.5	16	345.6-370.8	17
370.9-396.3	18	396.4-421.8	19
421.9-447.6	20	447.7-473.4	21
473.5-499.2	22	499.3-525.2	23
525.3-551.3	24	551.4-577.5	25
577.6-603.7	26	603.8-630.0	27
630.1-656.3	28	656.4-682.8	29
682.9-709.2	30	709.3-735.8	31
735.9-762.4	32	762.6-789.0	33
789.1-815.7	34	815.8-842.5	35
842.6-869.3	36	869.4-896.1	37
896.2-923.0	38	923.1-949.9	39
950.0-976.9	40	977.0-1,003.9	41
1,004.0-1,030.9	42	1,031.0-1,058.0	43
1,058.1-1,085.1	44	1,085.2-1,112.2	45
1,112.3-1,139.4	46	1,139.5-1,166.6	47
1,166.7-1,193.8	48	1,193.9-1,221.0	49
1,221.1-1,248.3	50	1,248.4-1,275.6	51
1,275.7-1,302.9	52	1,303.0-1,330.3	53
1,330.4-1,357.7	54	1,357.8-1,385.1	55
1,385.2-1,412.5	56	1,412.6-1,440.0	57
1,440.1-1,467.4	58	1,467.5-1,494.9	59
1,495.0-1,522.4	60	1,522.5-1,550.0	61
1,550.1-1,577.5	62	1,577.6-1,605.1	63
1,605.2-1,632.7	64	1,632.8-1,660.3	65
1,660.4-1,688.0	66	1,688.1-1,715.6	67
1,715.7-1,743.3	68	1,743.4-1,771.0	69
1,771.1-1,798.7	70	1,798.8-1,826.4	71
1,826.5-1,854.1	72	1,854.2-1,881.9	73
1,882.0-1,909.6	74	1,909.7-1,937.4	75
1,937.5-1,965.2	76	1,965.3-1,993.0	77
1,993.1-UP**	78		

If product is greater than 2000, refer to NAVICP instructions for exact constrained allowance.

20 - Compute constrained average as directed in Note 18. Ensure constraints are applied to computations at the detail level and not to totals or averages.

21 - Attrition allowance is computed by applying the AVG BCM, previously computed in Note 16, to one of the three following tables, depending on SUPORG. If SUPORG is a ship or MAG then the Ship/MAG table is used. If the SUPORG is one that is outside CONUS then extra CONUS table is used. If SUPORG is within CONUS the CONUS table is used. Each table is divided into two sections (A&B). The section used is based on the constrained ALW

computed in Note 19. If the constrained ALW is equal to or less than one, use Section A of the appropriate table; if not, use Section B. The table is searched to see if the AVG BCM falls within a certain range. If the AVG BCM falls within a range the corresponding table entry is the attrition allowance.

SHIPS/MAGS

A. If constrained is equal to or less than one, use following tables:

AVG BCM	ATTRITION ALW
.00 - .16	0
.17 - .49	1
.50 or greater use table B	

B.

AVG BCM	ATTRITION ALW
.00-.16	0
.17-.49	1
.50-.83	2
.84-1.16	3
1.17-1.49	4
1.50-1.83	5
1.84-2.16	6
2.17-2.49	7
2.50-2.82	8
2.83-3.15	9
3.16-3.48	10
3.49-3.81	11
3.82-4.14	12
4.15-4.47	13
4.48-4.80	14
4.81-or greater	15

EXTRA CONUS

A. If constrained ALW is less than one, use following table:

AVG BCM	ATTRITION ALW
.00-.16	0
.17-.49	1
.50 or greater use table B	

B.

AVG BCM	ATTRITION ALW
.00-.33	0
.34-.74	1
.75-1.24	2
1.25-1.74	3
1.75-2.24	4
2.25-2.74	5
2.75-3.24	6
3.25-3.74	7
3.75-4.24	8

4.25-4.74	9
4.75-5.24	10
5.25-5.74	11
5.75-6.24	12
6.25-6.74	13
6.75-7.25	14
7.25 or greater	15

CONUS

A. If constrained ALW is equal to or less than one, use following tables:

AVG BCM	ATTRITION ALW
.17-1.49	1
1.50 or greater use table B	

B.

AVG BCM	ATTRITION ALW
.00-.33	0
.34-1.49	1
1.50-2.49	2
2.50-3.49	3
3.50-4.49	4
4.50-5.49	5
5.50-6.49	6
6.50-7.49	7
7.50-8.49	8
8.50-9.49	9
9.50-10.49	10
10.50-11.49	11
11.50-12.49	12
12.50-13.49	13
13.50-14.49	14
14.50 or greater	15

22 - Pool Allowance. Pool allowance is computed by accumulating constrained ALW and attrition ALW.
23 - Count the total number of WUCs (MR-1-1) or NIINs (MR-1-2) reported. This count should equal the number of Part II detail lines printed.
24 - BCM - a (1) one will be generated for every 63 transaction with a VIDS/MAF action taken of 1-9.
25 - Total number of BCMs.

7.5.2 Expense Item Management Data Reports (MR-2-1, MR-2-2, and MR-2-3)

a. These reports (Figures 7-25, 7-26, and 7-27) are provided for the purpose of reviewing consumable (expense) item maintenance usage in order to set stock levels of these items under the OSI procedures. These reports display frequency and demand data on all maintenance related expense items for up to the previous 6 months. The three reports are basically the same, except for the sequence differences. The MR-2-1, MR-2-2, and MR-2-3, will be prepared as described in the following paragraphs.

b. Data Source. Data source for the MR-2-1 and MR-2-2 will be the DD 1348 Material Issue (60 records), TDC Material Issues (64 records), Initial Outfitting Issues (65 records), and Indirect Material Issues

(67 records). Data source for the MR-2-3 will be the DD 1348 Material Issues (60 records), TDC Material Issues (64 records), and Initial Outfitting Issues (65 records). Only those records where the first position of the COG is equal to 0, 1, 3, 5, or 9 (except 1R when the MCC is equal to D) will qualify for these reports. Up to the current 6 months data will be used when producing these reports. Organization selection will be made on the basis of SUPORG.

c. Sort Sequence. The MR-2-1, MR-2-2, and MR-2-3 will reflect data in the following sequence (major to minor):

MR-2-1	MR-2-2	MR-2-3
SUPORG	SUPORG	SUPORG
COG	JCNORG	TEC
NIIN	NIIN	WUC
		NIIN

d. Controls. Controls for the MR-2-1 and MR-2-2 will be accomplished as follows:

(1) Detail lines will be a summation of NIIN.

(2) A total of line items (NIINs) will be printed upon change in SUPORG or COG for the MR-2-1, and upon change in SUPORG or JCNORG for the MR-2-2.

(3) Skip a line after printing report, column, and organizational headers.

(4) Eject to a new page upon change in SUPORG or COG for the MR-2-1, and upon change in SUPORG or JCNORG for the MR-2-2.

(5) Detail lines will be single spaced.

(6) Report, column, and organizational headers will be printed on each page.

(7) The ability to select the report period will be available to the requesting activity. The requested report period must, however, be within the current 6 months and must be specified in increments of monthly accounting periods only.

e. Report Heading Format. Report headings for the MR-2-1 and MR-2-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
MR-2-1	1-6	1, 3
MR-2-2	1-6	1, 4
EXPENSE	16-22	1
ITEM	24-27	1
MANAGEMENT	29-38	1
DATA	40-43	1
REPORT	45-50	1
FROM MONTH	55-57	2
FROM YEAR	59-60	2
THROUGH	62-68	1
TO MONTH	70-72	2
TO YEAR	74-75	2

f. SUPORG Header Format. SUPORG headings for the MR-2-1 and MR-2-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SUPPLY	7-12	1
ORGANIZATION	14-25	1
:	27	1
SUPORG	29-31	

g. Maintenance Organization Header Format. Maintenance organization headings for the MR-2-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
MAINT	7-11	1, 4
ORGANIZATION	14-25	1, 4
:	27	1, 4
JCNORG	29-31	4

h. Column Header Format. Column headings for the MR-2-1 and MR-2-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
COG	7-9	1
MCC	15-17	1
PURP	21-24	1
NSC	30-32	1
NIIN	40-43	1
SMIC	48-51	1
FREQ	52-62	1
QTY	73-75	1

i. Detail Format. Detail line for the MR-2-1 and MR-2-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
COG	8-9		DD 1348	18
MCC	16		DD 1348	73
PURP	23		DD 1348	70
NSNPN(NSC)	29-32	5	DD 1348	4, 5, 6
NSNPN(NIIN)	37-45	6	DD 1348	4, 5, 6
NSNPN(SMIC)	49-50	7	DD 1348	4, 5, 6
FREQ	58-62	8, 9	DD 1348	
QTY	71-75	8, 10	DD 1348	8

j. JCNORG Total. JCNORG totals will be printed upon change in JCNORG for only the MR-2-2 as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	8-9	1
TOTAL	12-16	1
NO.	18-20	1
OF	22-23	1

LINE	25-28	1
ITEMS	30-34	1
FOR	36-38	1
JCNORG	40-45	1
=	47	1
COUNT	49-53	8, 11, 14

k. COG Total. COG totals for the MR-2-1 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
**	8-9	1		
TOTAL	12-16	1		
NO.	18-20	1		
OF	22-23	1		
COG	25-26		DD 1348	18
COG	28-30	1		
ITEMS	32-36	1		
FOR	38-40	1		
SUPORG	42-47	1		
=	49	1		
COUNT	51-55	8, 13, 14		

l. SUPORG Total. SUPORG totals for the MR-2-1 and MR-2-2 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
***	7-9	1
TOTAL	12-16	1
NO.	18-20	1
OF	22-23	1
LINE	25-28	1
ITEMS	30-34	1
FOR	36-38	1
SUPORG	40-45	1
=	47	1
COUNT	49-55	8, 12

m. Notes. Notes used in the preparation of the MR-2-1 and MR-2-2 are as follows:

1 - Machine-generated literal.
2- Report period will be displayed in MMM YY format and will be the period of time (from-thru) which the data in the report represents. This data will be specified by the requesting activity.
3 - Applies to MR-2-1 only.
4 - Applies to MR -2-2 only.
5 - Print characters 1-4 or NSNPN.
6 - Print characters 5-13 of NSNPN.
7 - Print characters 14-15 of NSNPN.
8 - Suppress printing of leading zeros.
9 - Frequency equals a count of the total number of transactions (documents) within the NIIN.
10 - QTY equals the total accumulated QTY as documented within the NIIN.

11 - Total number of NIINs within JCNORG.
12 - Total number of NIINs within SUPORG for MR-2-2 only.
13 - Total number of NIINs within COG for the MR-2-1 only.
14 - Accumulate for three-star (***) total.

n. Controls. Controls for the MR-2-3 will be accomplished as follows:

(1) Report, column, and organization headers will be printed on each page.

(2) Skip a line after printing header lines, before and after subtotal/total lines.

(3) Print a one-star (*) total on change in WUC/TEC or SUPORG.

(4) Print a two-star (**) total on change in TEC or SUPORG, and eject to a new page.

(5) Print a three-star (***) total on change in SUPORG, and eject to a new page.

(6) Accumulate the quantity for all duplicate NIINs within WUC.

(7) The ability to select the report period will be available to the requesting activity. The requested report period must, however, be within the current 6 months and must be specified in increments of monthly accounting periods only.

o. Report Heading Format. Report heading for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
MR-2-3	1-6	1
EXPENSE	41-47	1
ITEM	50-53	1
MANAGEMENT	56-65	1
DATA	68-71	1
REPORT	74-79	1
FROM MONTH	110-112	2
FROM YEAR	114-115	2
THROUGH	118-124	1
TO MONTH	127-129	2
TO YEAR	131-132	2

p. SUPORG Header Format. SUPORG heading for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SUPPLY	1-6	1
ORGANIZATION	9-20	1
:	21	1
SUPORG	24-26	

q. TEC Header Format. TEC heading for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
TYPE	1-4	1		
EQUIPMENT	7-15	1		
CODE	18-21	1		
:	22	1		
TEC	25-28		DD 1348	N

r. Column Heading Format. Column heading for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
WUC	12-14	1
COG	22-24	1
MCC	30-32	1
P	38	1
NSN	52-54	1
U/I	68-70	1
QTY	77-79	1
REQN	86-89	1
NO.	92-94	1
JCN	106-108	1
MFGR	120-123	1

s. Detail Format. Detail lines for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES	SOURCE	BLOCK NUMBER
WUC	10-16		DD 1348	P
COG	23-24		DD 1348	55-56
MCC	31		DD 1348	73
PURP	38		DD 1348	70
P/N	44-58	3	DD 1348	8-22
NSNPN (NSC)	44-47	4	DD 1348	8-11
NSNPN (NIIN)	49-50	5, 14	DD 1348	12-13
NSNPN (NIIN)	52-54	6, 14	DD 1348	14-16
NSNPN (NIIN)	56-59	7, 14	DD 1348	17-20
NSNPN (SMIC)	61-62	8	DD 1348	21-22
U/I	69-70		DD 1348	23-24
QTY	76-80	9	DD 1348	25-29
REQN DATE	86-89		DD 1348	36-39
REQN SER	91-94		DD 1348	40-43
JCNORG	100-102	10	DD 1348	L, M
JCNDAY	104-106	11	DD 1348	L, M
JCNSER	108-110	12	DD 1348	L, M
JCNSUF	112-113	13	DD 1348	L, M
MFGR	119-123		DD 1348	R

t. Quantity Subtotal. When there is more than one duplicate NIIN within WUC, a quantity subtotal will be printed for the MR-2-3 as follows:

DATA ELEMENT	PRINT POSITION	NOTES
NIIN	25-28	1
SUBTOTAL	31-38	1
=	41	1
TOTAL	44-47	9, 15

u. One-Star (*) Total. One-star (*) totals for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
*	24	1
TOTAL	26-30	1
NO	33-34	1
.	35	1
OF	38-39	1
LINE	42-45	1
ITEMS	48-52	1
FOR	55-57	1
WUC	60-62	1
=	65	1
TOTAL	68-72	9, 16, 19

v. Two-Star (**) Total. Two-star (**) totals for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
**	23-24	1
TOTAL	26-30	1
NO	33-34	1
.	35	1
OF	38-39	1
LINE	42-45	1
ITEMS	48-52	1
FOR	55-57	1
TEC	60-62	1
=	65	1
TOTAL	68-72	9, 17, 20

w. Three-Star (***) Total. Three-star (***) total for the MR-2-3 will be printed as follows:

DATA ELEMENT	PRINT POSITION	NOTES
***	22-24	1
TOTAL	26-30	1
NO	33-34	1
.	35	1
OF	38-39	1
LINE	42-45	1
ITEMS	48-52	1
FOR	55-57	1
SUPORG	60-65	1

=	68	1
TOTAL	71-75	9, 18

x. Notes. Notes used in the preparation of the MR-2-3 are as follows:

1 - Machine-generated literal.
2- Report period will be displayed in MMM YY format and will be the period of time (from-thru) which the data in the report represents. This data will be specified by the requesting activity.
3 - Print characters 1-15 of P/N in columns 44 thru 58 when COG is equal to 99.
4 - Print characters 1-4 of NSNPN.
5 - Print characters 5-6 of NSNPN.
6 - Print characters 7-9 of NSNPN.
7 - Print characters 10-13 of NSNPN.
8 - Print characters 14-15 of NSNPN.
9 - Suppress printing of leading zeros.
10 - Print characters 1-3 of JCN.
11 - Print characters 4-6 of JCN.
12 - Print characters 7-9 of JCN.
13 - Print characters 10-11 of JCN.
14 - When there is more than one duplicate NIIN (column 49 through 59) per WUC, print the NSNPN only on the first detail line.
15 - QTY subtotal=accumulated quantity count for each like NIIN.
16 - Total number of detail lines within WUC.
17 - Total number of detail lines within TEC.
18 - Total number of detail lines within SUPORG.
19 - Accumulates for two-star (**) total.
20 - Accumulates for three-star (***) total.

SCIR - 3 MONTHLY EQUIPMENT DISCREPANCY AND UTILIZATION REPORT MAY 97

ORG: AD7 PUC: 008077

	BUNO	Type Equipment Code	Not Mission Capable Scheduled	Not Mission Capable Unscheduled	Not Mission Capable Supply	Partial Mission Capable Maintenance	Partial Mission Capable Supply	Full Mission Capable Maintenance	Full Mission Capable Supply	Equipment IN Service Hours	Equipment OUT Service Hours	Inventory Indication	Meter or Utilization Base	Equipment Utilization	Total Flight Hours	Total Number Flights	Ship Operation Flight Hours	Ship Operation Number Flights	Total SCIR Hours
			.....	NMC	.....	....	PMC....	.....	FMC	....					... TOTAL ...	....	SHPOP		TOTAL
	BUNO	TEC	SCH	UNS	SUP	MNT	SUP	MNT		SUP	EIS	EOS	INV IND	MTR /UB	EQUIP UTL	FLT HRS	NR FLTS	FLT HRS	NR FLTS	SCIR HRS
(1)	164211	AMAF	117	174		9	18				744		A			6	4			1407
(2)	164233	AMAF	37	93	33	81	18				744		A			35	15	22	9	682
(3)	164242	AMAF		168	397	27	148				744		A			12	5	5	2	2877
(4)	164243	AMAF	2	632	10						744		A			8	4			1747
(5)	164244	AMAF	26	45	5	144	294				744		A			63	21	39	14	805
(6)	165002	AMAF	2	142	2	21					744		A			29	11	10	4	245
(7)	165110	AMAF	28	92		209	41	295			744		A							1055
		*	212	1346	447	491	519	295			5208					153	60	76	29	8818
(8)		**	212	1346	447	491	519	295			5208					153	60	76	29	8818

Figure 7-1: Monthly Equipment Discrepancy and Utilization Report (SCIR-3)

SCIR - 4 MONTHLY EQUIPMENT CAPABILITY REPORT MAY 97

ORG: AD7 TEC: AMAF

	Bureau/Serial Number	Full Mission Capable						Partial Mission Capable						Not Mission Capable			Equipment IN Service Hours	Equipment OUT Service Hours	Equipment Available Hours
		PERCENT OF MISSION CAPABILITY																	
		FMC						PMC						NMC					
	BU/SER	A	B	C	D	E	F	G	H	J	K	L	W	X	Y	Z	EIS	EOS	EAH
(1)	164211	57.3			3.6											39.1	744		744
(2)	164233	64.7									10.3	3.0				22.1	744		744
(3)	164242	.4			1.7						1.9	19.9				76.0	744		744
(4)	164243	13.3														86.7	744		744
(5)	164244	30.8				41.9					14.8	2.4				10.1	744		744
(6)	165002	77.6				.4					2.4					19.6	744		744
(7)	165110	10.3	39.7			3.2					29.4	1.1				16.2	744		744
(8)	AVG	36.3	5.7		.8	6.5					8.4	3.8				38.5			
(9)	FMC: HRS - 2193 - 42.0%				PMC: HRS - 1010 - 19.5%						NMC: HRS - 2005 - 38.6%					TOT	5208		5208

Figure 7-2: Monthly Equipment Capability Report (SCIR-4)

SCIR - 5 - 1 MONTHLY EQUIPMENT MISSION CAPABILITY SUMMARY REPORT MAY 97

ORG: AD7
TEC: AMAF
NOTE: DECIMAL ASSUMED

DATE: 05/31/97
PAGE: 01

	Equipment Operational Code	Work Unit Code	Total SCIR Hours	Full Mission Capable Hours Maintenance	Full Mission Capable Hours Supply	Partial Mission Capable Hours Maintenance	Partial Mission Capable Hours Supply	Not Mission Capable Hours Scheduled	Not Mission Capable Hours Unscheduled	Not Mission Capable Hours Supply	AWM Hours by Reason Code									Total AWM Hours
											AWAITING MAINTENANCE BY REASON CODES									
	EOC	WUC	TOTAL SCIR HOURS	FMC MNT	HRS SUP	PMC MNT	HRS SUP	NMC HRS SCH	UNS	SUP	1	2	3	4	5	6	7	8	0	TOTAL
(1)	B51	51141	5	5																
(2)	B57	573M300	1371	10	1361															
(3)	B72	72382	43	25	18								4							4
(4)	* TOTAL		1419	40	1379								4							4
(5)	PERCENT		100.0	2.8	97.2	.0	.0	.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	.0	100.0
(6)	J44	44112	1575			154	1421					83							1	84
(7)	L73	73662	508			10	498													
(8)	* TOTAL		2083			164	1919					83							1	84
(9)	PERCENT		100.0	.0	.0	7.9	92.1	.0	.0	.0	.0	98.8	.0	.0	.0	.0	.0	.0	1.2	100.0
(10)	Z23	23500	637						322	315	72					240				312
(11)	Z42	42A6B00	8						8		3									3
(12)	Z42	42A6500	20						20											
(13)	Z45	45211	40						40				20							20
(14)	Z51	51143	320						320			150			90					240
(15)	Z51	51430	40						40				20							20
(16)	* TOTAL		1065						750	315	75	150	40		90	240				595
(17)	PERCENT		100.0	.0	.0	.0	.0	.0	70.4	29.6	12.6	25.2	6.7	.0	15.1	40.4	.0	.0	.0	100.0
(18)	** TOTAL		4567	40	1379	164	1919		750	315	75	233	44		90	240			1	683
(19)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9	11.0	34.1	6.4	.0	13.2	35.1	.0	.0	.2	100.0
(20)	*** TOTAL		4567	40	1379	164	1919		750	315	75	233	44		90	240			1	683
(21)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9	11.0	34.1	6.4	.0	13.2	35.1	.0	.0	.2	100.0

Figure 7-3: Monthly Equipment Mission Capability Summary Report (SCIR-5-1)

SCIR - 5 - 2 MONTHLY EQUIPMENT MISSION CAPABILITY BUREAU/SERIAL SUMMARY REPORT MAY 97

ORG: AD7
TEC: AMAF

BUREAU/SERIAL NUMBER: 164211
NOTE: DECIMAL ASSUMED

DATE: 05/31/97
PAGE: 01

	Equipment Operational Code	Work Unit Code	Total SCIR Hours	Full Mission Capable Hours Maintenance	Full Mission Capable Hours Supply	Partial Mission Capable Hours Maintenance	Partial Mission Capable Hours Supply	Not Mission Capable Hours Scheduled	Not Mission Capable Hours Unscheduled	Not Mission Capable Hours Supply	AWM Hours by Reason Code									Total AWM Hours
											AWAITING MAINTENANCE BY REASON CODES									
	EOC	WUC	TOTAL SCIR HOURS	FMC MNT	HRS SUP	PMC MNT	HRS SUP	SCH	NMC HRS UNS	SUP	1	2	3	4	5	6	7	8	0	TOTAL
(1)	B51	51141	5	5																
(2)	B57	573M300	1371	10	1361															
(3)	B72	72382	43	25	18								4							4
(4)	* TOTAL		1419	40	1379								4							4
(5)	PERCENT		100.0	2.8	97.2	.0	.0	.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	.0	100.0
(6)	J44	44112	1575			154	1421					83							1	84
(7)	L73	73662	508			10	498													
(8)	* TOTAL		2083			164	1919					83							1	84
(9)	PERCENT		100.0	.0	.0	7.9	92.1	.0	.0	.0	.0	98.8	.0	.0	.0	.0	.0	.0	1.2	100.0
(10)	Z23	23500	637						322	315	72					240				312
(11)	Z42	42A6B00	8						8		3									3
(12)	Z42	42A6500	20						20											
(13)	Z45	45211	40						40				20							20
(14)	Z51	51143	320						320			150			90					240
(15)	Z51	51430	40						40				20							20
(16)	* TOTAL		1065						750	315	75	150	40		90	240				595
(17)	PERCENT		100.0	.0	.0	.0	.0	.0	70.4	29.6	12.6	25.2	6.7	.0	15.1	40.4	.0	.0	.0	100.0
(18)	** TOTAL		4567	40	1379	164	1919		750	315	75	233	44		90	240			1	683
(19)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9	11.0	34.1	6.4	.0	13.2	35.1	.0	.0	.2	100.0
(20)	*** TOTAL		4567	40	1379	164	1919		750	315	75	233	44		90	240			1	683
(21)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9	11.0	34.1	6.4	.0	13.2	35.1	.0	.0	.2	100.0
(22)	**** TOTAL		4567	40	1379	164	1919		750	316	75	233	44		90	240			1	683
(23)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9	11.0	34.1	6.4	.0	13.2	35.1	.0	.0	.2	100.0

Figure 7-4: Monthly Equipment Mission Capability Bureau/Serial Summary Report (SCIR-5-2)

SCIR - 5 - 3
ORG: AD7
TEC: AMAF

MONTHLY MISSION AND MAINTENANCE DATA DETAIL BY BUREAU/SERIAL REPORT
BUREAU/SERIAL NUMBER: 164211
NOTE: DECIMAL ASSUMED FOR MISSION CAPABILITY DATA, MAINTENANCE DATA NOT EDITED

MAY 97
DATE: 05/31/97
PAGE: 01

	Equipment Operational Code	Work Unit Code	Total SCIR Hours	Full Mission Capable Hours Maintenance	Full Mission Capable Hours Supply	Partial Mission Capable Hours Maintenance	Partial Mission Capable Hours Supply	Not Mission Capable Hours Scheduled	Not Mission Capable Hours Unscheduled	Not Mission Capable Hours Supply	Job Control Number	Work Center	Transaction Code	When Discovered	Type Maintenance	Action Taken	Malfunction Code	Items Processed	Man-hours	Elasped Maintenance Time	Document Number
			TOTAL	MISSION CAPABILITY DATA							MAINTENANCE DATA										
			SCIR	FMC	HRS	PMC	HRS		NMC HRS					W	T	A					
	EOC	WUC	HOURS	MNT	SUP	MNT	SUP	SCH	UNS	SUP	JCN	WC	TR	D	M	T	MAL	IP	MHRS	EMT	DOCNUM
(1)	B51	51141	5	5							AD7 123 869	210	11	D	B	C	127	01	1.0	.5	DTM0562
(2)	B57	573M300	1371	10	1361						AD7 128 196	220	23	D	B	R	374	01	1.5	1.0	DTM2113
(3)	B72	72382	43	25	18						AD7 129 243	220	23	D	B	R	374	01	2.1	2.1	DYM0894
(4)	* TOTAL		1419	40	1379																
(5)	PERCENT		100.0	2.8	97.2	.0	.0	.0	.0	.0											
(6)	J44	44112	1318			16	1302				AD7 133 905	230	18	O	B	T	814	01	3.2	1.6	BVV0418
(7)	J44	44112	16			13	3				AD7 137 035	230	23	Y	B	R	169	01	2.6	1.3	DGK8584
(8)	J44	44112	241			125	116				AD7 136 947	230	23	H	B	R	169	01	8.2	4.1	DGK8711
(9)	L73	73662	508			10	498				AD7 150 044	220	23	J	D	R	374	01	1.2	1.0	BLM6842
(10)	* TOTAL		2083	.0	.0	164	1919														
(11)	PERCENT		100.0			7.9	92.1	.0	.0	.0											
(12)	Z23	23500	637						322	315	AD7 141 999	12B	11	O	B	S	800	01	2.0	1.0	BVV0405
(13)	Z42	42A6B00	8						8		AD7 147 081	220	11	D	B	C	450	01	.5	.5	DTM0820
(14)	Z42	42A6500	20						20		AD7 147 082	110	11	D	B	C	127	01	6.0	2.0	DTM0821
(15)	Z45	45211	40						40		AD7 143 868	220	11	D	B	B	160	01	2.0	1.0	DTM1180
(16)	Z51	51143	30						30		AD7 149 214	110	12	H	B	A	799	01	6.0	3.0	DTM0881
(17)	Z51	51143	290						290		AD7 143 900	110	12	D	B	C	127	01	10.0	5.0	DTM0964
(18)	Z51	51430	40						40		AD7 143 867	110	11	D	B	C	334	01	4.0	2.0	DTM1181
(19)	* TOTAL		1065						750	315											
(20)	PERCENT		100.0	.0	.0	.0	.0	.0	70.4	29.6											
(21)	** TOTAL		4567	40	1379	164	1919		750	315											
(22)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9											
(23)	*** TOTAL		4567	40	1379	164	1919		750	315											
(24)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9											
(25)	**** TOTAL		4567	40	1379	164	1919		750	316											
(26)	PERCENT		100.0	.9	30.2	3.6	42.0	.0	16.4	6.9											

Figure 7-5: Monthly Mission and Maintenance Data Detail by Bureau/Serial Report (SCIR-5-3)

NAVFLIRS - 1 MONTHLY AIRCRAFT UTILIZATION REPORT SEP 97

ORG: BRO HSL - 34

Bureau Number | Type Equipment Code | Total Mission Requirement Code | Total Mission Requirement Hours | Mission Name | Type Landings (Day/Night) | Number of Landings By Type | Total Day or Night Landings | Total Landings | Training Area | Training Hours

BUNO	TEC	TMR CODE	TMR HRS	MISSION NAME	DAY/NIGHT	1 A	2 B	3 C	4 D	5 E	6 F	7 G	8 H	9 J	0 K	N	P	TOTAL	TOTAL LNDGS	TRAINING AREA	TRAINING HRS
						**********	**********	**********	**********	**********	TYPE LANDINGS	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********
123455	AHBH	1A1	108.2	TRNG SYL/EXC F/F/N	DAY	1					1			1				3		COX	3.4
		1A9	3.0	TRNG SYL/EXC SP EQUIP	NIGHT				1							1	1	3	6	NCTS	5.7
																				PUNGO	2.1
																				VEPCO	.5
BUNO TOTALS:		HRS	111.0	FLT 201	SHIP HRS	6.0		SHIP FLT			1		CAT								
161112	AHBH	1A2	9.3	TRNG SYL/EXC INST	DAY	2	2			8	7							19		MERID1W	3.1
		1B2	12.6	TRNG IUT INST	NIGHT	1				10	4							15	34	QUICKTN	2.7
		2P3	8.7	SUPT SAR/WATER N-DOD																	
		5Y1	14.2	CONT FLT ASW ROUT SEARCH																	
BUNO TOTALS		HRS	44.8	FLT 10	SHIP HRS	9.4		SHIP FLT			2		CAT			3					
TEC TOTALS:		HRS	155.8	FLT 211	SHIP HRS	15.4		SHIP FLT			3		CAT			3					
ORG TOTALS:		HRS	155.8	FLT 211	SHIP HRS	15.4		SHIP FLT			3		CAT			3					

TRAINING AREA TOTALS:

AREA	HRS	AREA	HRS	AREA	HRS	AREA	HRS	AREA	HRS	AREA	HRS	AREA	HRS
COX	3.4	NCTS	5.7	PUNGO	2.1	VEPCO	.5	MERID1W	3.1	QUICKTN	12.3		

Figure 7-6: Monthly Aircraft Utilization Report (NAVFLIRS-1)

NAVFLIRS - 2 MONTHLY AIRCRAFT MISSION REPORT SEP 97

ORG: AN2 VS - 22

TYPE EQUIPMENT CODE	TOTAL MISSION REQUIREMENT	MISSION NAME	NUMBER of MISSIONS	TOTAL MISSION HOURS	AVERAGE MISSION HOURS

TYPE EQUIPMENT CODE	TOTAL MISSION REQUIREMENT	MISSION NAME	NUMBER of MISSIONS	TOTAL MISSION HOURS	AVERAGE MISSION HOURS

TEC	TMR	MISSION NAME	NR MSN	HRS	AVG
ASBE	1A1	TRNG SYL/EXC F/F/N	2	11.2	5.6
	1A2	TRNG SYL/EXC INST	2	9.3	4.7
	1A3	TRNG SYL/EXC FCLP/CAL	3	10.8	3.6
	1B2	TRNG IUT INST	3	12.6	4.2
	2K4	SUPT BOGEY FOR OTHER ACFT	5	17.1	3.4
	2L3	SUPT EXPM/EVAL INST CHECK	3	5.9	2.0
	2P3	SUPT SAR/WATER N-DOD	1	8.7	8.7
	5Y1	CONT FLT ASW ROUT SEARCH	3	14.2	4.7

Figure 7-7: Monthly Aircraft Mission Report (NAVFLIRS-2)

NAVFLIRS - 3
ORG: AN2 VS - 22
NAME: GOTT

MONTHLY INDIVIDUAL FLIGHT ACTIVITY REPORT

JAN 97

INT: B SSN: 071582639 GRADE: O - 5 SVC: 1

BUNO	TEC	DATE	TIME DEP	ICAO DEP	TIME ARRV	ICAO ARRV	EX CD	FLT TIMES FPT	CPT	SCT	INST ACT	SIM	NITE TIME	1ST T	N	2ND T	N	3RD T	N	4TH T	N	1ST T	N	2ND T	N	3RD T	N	4TH T	N	CJ	A W Y	SP QU	TRNG CODE 1ST	2ND	3RD
161111	ASBE	6249	0800	KNZC	1110	KNZC		3.2			1.1			5	3	6	2					1	1												
161111	ASBE	6251	1000	KNZC	1230	KNZC		2.5			1.0	.5		6	2																				
161112	ASBE	6253	0830	KNZC	1200	NIKE		2.3	1.2		1.4			2	2							1	3												
161112	ASBE	6253	2145	NIKE	0145	KNZC		2.9	1.1		2.0	1.0	4.0	F	1							1	1												
161111	ASBE	6259	1830	KNZC	2230	KNZC		2.5	1.0		1.2		1.5	F	1	1	1																		
161111	ASBE	6263	2000	KNZC	2400	KNZC		3.1	.9		2.4	.8	4.0	F	2	6	1					1	1												
161111	ASBE	6266	0900	KNZC	1115	KNZC		2.3			1.3			5	2															1					
161112	ASBE	6272	0730	KNZC	1310	KNZC		4.0	1.7		2.2	1.5		6	1																				
						*		22.8	5.9		12.6	3.8	9.5																						
SS4623	VSBD	6273	0900	KNZC	1100	KNZC	T	2.0				2.0		6	1							1	4												
						*		2.0				2.0																							
				TOTAL AIRCRAFT TIME				22.8	5.9		12.6	3.8	9.5																						

*****WEAPONS PROFICIENCY DATA*****

TYPE DELIVERY	RUNS	SCORE
AGM-65 HARPOON	1	K21

******MISCELLANEOUS DATA******

NIGHT VISION GOGGLES	1.0

******FISCAL YEAR SUMMARY******

TEC	HRS	INST	NIGHT
ASBE	318.8	19.5	87.3
VSBD	10.5	10.5	4.8
TOTAL	329.3	30.0	92.1

Figure 7-8: Monthly Individual Flight Activity Report (NAVFLIRS-3)

NAVFLIRS - 4 MONTHLY AIRCRAFT LOGISTICS DATA REPORT SEP 97

ORG: AN2 VS-22

TEC: ASBE

BUNO	AIRLIFT MSN NO	LEG NR	EX CD	LEG FH	DISTANCE	PRI 1 PAX NO	PRI 2 PAX NO	PRI 3 PAX NO	PRI 4 PAX NO	PRI 5 PAX NO	CARGO LBS	OPPORTUNE PAX NO	OPPORTUNE CARGO LBS	PAYLOAD CODE 1	PAYLOAD CODE 2	CONFIG DATA MAX PAX	CONFIG DATA MAX CARGO
Bureau Number	Airlift Mission Number	Leg Number	Exception Code	Leg Flight Hours	Distance	********** CONFIRMED PAYLOAD **********								Opportune Payload Code		Configuration Data Minimum Cargo	Configuration Data Maximum Cargo
						Confirmed Payload Number of Priority 1 Passengers	Confirmed Payload Number of Priority 2 Passengers	Confirmed Payload Number of Priority 3 Passengers	Confirmed Payload Number of Priority 4 Passengers	Confirmed Payload Number of Priority 5 Passengers	Confirmed Payload Cargo Weight	Opportune Payload Number of Passengers	Opportune Payload Cargo Weight				
161112	AN2625302	1		3.5	1510						150						
	AN2625304	1		4.0	1570						110						
	*			7.5	3080						260						
	**			7.5	3080						260						
	***			7.5	3080						260						

Figure 7-9: Monthly Aircraft Logistics Data Report (NAVFLIRS-4)

MDR-2 MONTHLY PRODUCTION REPORT FEB 97

ORG: C9N WORK CENTER: 520

	Type Equipment Code TEC	Work Unit Code WUC	Position POS	Action Taken AT	Malfunction MAL	Fault Isolation Detection FID	When Discovered WD	Items Processed IP	Man-hours MHRS	Elapsed Maintenance Time EMT	Bureau/Serial Number BUNO	Type Maintenance TM	Job Control Number JCN	Date DATE	Part Number/ Technical Directive Compliance PART/TDC	Action Taken Code 2 AT2	Malfunction Code 2 MAL2	Quantity QTY	Transaction Code TR
(1)	AHXD	4512D		C	105		J	1	1.5	1.5	161002	D	BG0022699	7022					32
(2)															MS9046A	R	020	2	
(3)	AHXD	4512D		C	255		H	1	3.0	1.5	161002	B	BG0022235	7022					31
(4)	AHRG	4512D		A	127		D	1	1.0	1.0	151683	B	BG0022083	7022					31
(5)	AHRG	4512D		C	374		H	1	1.0	1.0	151683	B	BF0022085	7024					31
(6)	SUBSYSTEM TOTAL							4	6.5										
(7)	AAEA	46132		C				1	8.5	4.0	151683		BG0022423	7023	1740096 00				41
(8)	SUBSYSTEM TOTAL							1	8.5										
(9)							**	5	15.0										
(10)	TEC TOTAL							5	15.0										
(11)	WC TOTAL							5	15.0										
(12)	WD TOTAL		A B C	D E F G		H J	K	L M	N O	P Q	R S	T	Y V	W X	Y				
(13)				1		2 1													
(14)							***	5	15.0										

Figure 7-10: Monthly Production Report (MDR-2)

MDR - 3 JOB CONTROL NUMBER CONSOLIDATION REPORT JAN 97

ORG: AC3

	Job Control Number JCN	Type Maintenance TM	Type Equipment Code TEC	Bureau Number BUNO	Work Unit Code WUC	Position POS	Action Taken AT	When Discovered WD	Malfunction Code MAL	Fault Isolation Detection FID	Quantity/Items Processed QTY/IP	Man-hours MHRS	Elapsed Maintenance Time EMT	Manufacturers Code MFGR	Part Number/Serial Number/Technical Directives Compliance Identification PART/SER/TDC	Action Organization ORG	Work Center WC	Date DATE	Processing P	Scheduling S	Repair R	Awaiting Parts A	Total Turn Around Time T	Transaction Code TR
(1)	C9N008015	S	GDCG	SMH184	030		0	O	000		1	1.8	.9			C9N	950	7008						11
(2)	C9N010235	B	GDCG	SMH681	56148		C	D	020		1	2.5	2.5			C9N	920	7010						12
(3)							R		020	1				81383	1246H									
(4)	C9N010009	B	GDCG	5MH688	56149		R	D	290		1	6.0	3.0			C9N	920	7010						23
(5)	C9N010009	B	GDCG	5MH688	56149		C	D	290		1	8.0	4.0			C9N	940	7012						32
(6)							R		450	1				06481	5A3				0	0	2	1	2	
(7)															AAM025									
(8)										*	4	18.3	10.4											
(9)										**	4	18.3	10.4											

Figure 7-11: Job Control Number Consolidation Report (MDR-3)

MDR-4-1 TECHNICAL DIRECTIVE COMPLIANCE REPORT FEB 97

JCNORG: AC3

	Bureau Serial Number	Type Equipment Code	Directive Code	Interim	Directive Number	Revision	Amendment	Part/Kit	Work Unit Code	Status Code	Items Processed Organizational	Man-hours Organizational	Items Processed Intermediate	Man-hours Intermediate	Elapsed Maintenance Time	Maintenance Level	Action Date	Action Oganization	Work Center	Job Control Number			Transaction Code
	BUNO	TEC	INT.....		TDC.....				WUC	SC	IPO	MHRSO	IPI	MHRSI	EMT	ML	DATE	ORG	WC	.....JCN.....			TR
(1)	151688	AAEK	50		0047			01	13300	C	1	6.0			3.0	1	7015	AC3	120	AC3	015	061	47
(2)	151688	AAEK	50		0047			01	13162	A		2.0			2.0	1	7015	AC3	210	AC3	015	061	47
(3)										*	1	8.0			5.0								
(4)	151688	AAEK	54		0046	A	1	00	64485	C	1	13.0			6.0	1	7015	AC3	220	AC3	014	112	41
(5)										*	1	13.0			6.0								
(6)	151688	AAEK	54		0046	A	2	01	64485	D	1	.5			.5	1	7015	AC3	220	AC3	014	113	41
(7)										*	1	.5			.5								
(8)										**	3	21.5			11.5								
(9)	151689	AAEK	50		0047			01	13000	C	1	8.0			4.0	1	7025	AC3	120	AC3	015	060	47
(10)	151689	AAEK	50		0047			01	13162	A		3.0			3.0	1	7025	AC3	210	AC3	015	060	47
(11)										*	1	11.0			7.0								
(12)	151689	AAEK	54		0046	A	1	00	64485	D	1	.5			.5	1	7025	AC3	220	AC3	014	111	41
(13)										*	1	.5			.5								
(14)	151689	AAEK	54		0046	A	2	01	64485	C	1	5.0			5.0		7025	AC3	220	AC3	014	110	41
(15)										*	1	5.0			5.0								
(16)										**	3	16.5			12.5								
(17)	151690	AAEK	66		0135			01	96A10	C			1	2.5	2.5	2	7025	A98	820	AC3	016	006	47
(18)										*			1	2.5	2.5								
(19)										**			1	2.5	2.5								
(20)										***	6	38.0	1	2.5	26.5								

Figure 7-12: Technical Directive Compliance Report (MDR-4-1)

MDR-4-2 INTERMEDIATE TECHNICAL DIRECTIVE COMPLIANCE REPORT JAN 97

ORG: P9Z

	I	CD	BAS	R	A	PT	KT	TEC	IP	S C	JCN	MHRS	EMT	M L	SERIAL	OLD PART NUMBER	NEW PART NUMBER	WUC	ORG	WC	DATE
		.....TDC IDENT.....																			
				Technical Directive Identification				Type Equipment Code	Items Processed	Status Code	Job Control Number	Man-hours	Elapsed Maintenance Time	Maintenance Level	Serial Number	Old Part Number	New Part Number	Work Unit Code	Oganization	Work Center	Date
(1)		50	0125				00	ASBA	1	C	PL1009121	2.5	2.5	2	2720	14762-A-3A	14762-A-3B	61X1200	P9Z	610	7009
(2)		50	0125				00	ASBA	1	C	PL1009122	1.7	.8	2	175740	14762-A-3A	14762-A-3B	61X1200	P9Z	610	7009
(3)		50	0125				00	ASBA	1	C	PL1009136	1.7	1.7	2	16	14762-A-3A	14762-A-3B	61X1200	P9Z	610	7009
(4)		50	0125				00	ASBA	1	C	PL1009157	.2	.2	2	755	14762-A-3A	14762-A-3B	61X1200	P9Z	610	7009
(5)				TDC BASIC					4			6.1	5.2	AVG MHRS PER TDC = 1.5							
(6)		50	0147	A			00	AHZA	1	C	PL2007210	.5	.5	2	166	07-155625100	07-155625100A	6771500	P9Z	610	7008
(7)		50	0147	A			00	AHZA	1	C	PL2007212	.3	.3	2	1554	07-155625100	07-155625100A	6771500	P9Z	610	7008
(8)				TDC BASIC				*	2			.8	.8	AVG MHRS PER TDC = .4							
(9)				TDC CODE				**	6			6.9	6.0								
(10)				TEC				***	6			6.9	6.0								
(11)				ORG				****	6			6.9	6.0								

Figure 7-13: Intermediate Technical Directive Compliance Report (MDR-4-2)

MDR-5 MAINTENANCE ACTION BY BUREAU/SERIAL NUMBER REPORT JAN 97

JCNORG: C9N

	Type Equipment Code TEC	Bureau/Serial Number BUNO	Type Maintenance TM	Work Unit Code WUC	CAGE Code MFGR	Position POS	When Discovered WD	Action Taken AT	Malfunction MAL	Fault Isolation Detection FID	Organization ORG	Work Center WC	Items Processed Organizational IPO	Man-hours Organizationl MHRSO	Elapsed Maintenance Time Organizational EMTO	Items Processed Intermediate IPI	Man-hours Intermediate MHRSI	Elapsed Maintenance Time Intermediate EMTI	Job Control Number JCN	Date DATE	Part Number/Technical Directive Compliance Code PART/TDC	Transaction Code TR
(1)	GBHG	5MH688	B	4214100			D	A	799		C9N	620	1	3.5	3.5				C9N008127	7008		11
(2)	GBHG	5MH688	B	4214120	96906		C	C	127		C9N	940				1	4.0	2.0	C9N009131	7010	MS34721-14	31
(3)	GBHG	5MH688	B	4214120	96906		C	R	615		C9N	920	1	7.4	3.7				C9N009131	7009	MS34721-14	23
(4)	SUBSYSTEM TOTAL												2	10.9	7.2	1	4.0	2.0				
(5)	GBHG	5MH6885	B	42153			D	A	799		C9N	920	1	5.2	2.6				C9N023110	7023		11
(6)	GBHG	MH688	B	42153			D	C	615		C9N	920	1	2.5	2.5				C9N027142	7028		12
(7)	SUBSYSTEM TOTAL												2	7.7	5.1							
(8)	GBHG	5MH6885	B	42172	47315		C	C	615		C9N	940				1	12.2	5.0	C9N015123	7017	223176	31
(9)	GBHG	MH688	B	4217K			D	C	127		C9N	910	1	1.0	1.0				C9N016124	7016		11
(10)	GBHG	5MH688	B	42172	47315		C	R	615		C9N	910	1	3.0	1.5				C9N015123	7015	223176	23
(11)	SUBSYSTEM TOTAL												2	4.0	2.5	1	12.2	5.0				
(12)	TM TOTAL												6	22.6	14.8	2	16.2	7.0				
(13)	BUNO TOTAL												6	22.6	14.8	2	16.2	7.0				
(14)	WD TOTAL		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
(15)					2	4																					
(16)	TEC TOTAL												6	22.6	14.8	2	16.2	7.0				
(17)	ORG TOTAL												6	22.6	14.8	2	16.2	7.0				
(18)	NO DEFECTS TOTAL					ORG TOTAL			2		ORG PERCENT		33.3		INT TOTAL		0	INT PERCENT		.0		

Figure 7-14: Maintenance Action by Bureau/Serial Number Report (MDR-5)

MDR-6 MAINTENANCE ACTION BY SYSTEM AND COMPONENT REPORT JAN 97

ORG: C9N

	WUC Work Unit Code	POS Position	TEC Type Equipment Code	BUNO Bureau/Serial Number	AT Action Taken	MAL Malfunction	FID Fault Isolation Detection	WD When Discovered	TM Type Maintenance	IP Items Processed	MHRS Man-hours	EMT Elapsed Maintenance Time	JCN Job Control Number	DATE Completion Date	MFGR CAGE Code	PART/TDC Part Number/Technical Directive Compliance Code	WC Work Center	TR Transaction Code
(1)	4231100		APBD	161011	A	799		D	B	1	1.3	1.3	C9N004121	7004			620	31
(2)	4231100		APBD	161012	C	127		D	B	1	1.0	.5	C9N010276	7011			620	31
(3)	4231100		APBD	161013	R	374		B	B	1	4.4	2.2	C9N023317	7024	96906	MS24213-Q42	620	32
(4)	COMPONENT TOTAL									3	6.7	4.0						
(5)	4231210		APBD	161005	A	127		D	B	1	4.8	2.4	C9N007537	7008			620	31
(6)	4231210		APBD	161010	C	070		J	D	1	3.6	1.2	C9N027426	7027			620	31
(7)	COMPONENT TOTAL									2	8.4	3.6						
(8)	SUBSYSTEM TOTAL									5	15.1	7.6	MH/IP - 3.0					
(9)	AT TOTAL	A B C		D F	J	K	L N	P	Q R	S	T Y	Z	0					
(10)																		
(11)	42810		APBD	161007	C	615		M	G	1	6.6	3.3	C9N018A03	7018			620	31
(12)	COMPONENT TOTAL									1	6.6	3.3						
(13)	SUBSYSTEM TOTAL									1	6.6	3.3	MH/IP - 6.6					
(14)	AT TOTAL	A B C		D F	J	K	L N	P	Q R	S	T Y	Z	0					
(15)																		
(16)	TEC TOTAL									6	21.7	10.9						
(17)	WD TOTAL	A B C		D E	F	G	H J	K	L M	N	O P	Q	R S	T U	V	W X Y		

Figure 7-15: Maintenance Action by System and Component Report (MDR-6)

MDR-7 COMPONENT REPAIR/BEYOND CAPABILITY OF MAINTENANCE REPORT JAN 97

ORG: A9F

	Action Organization	Job Control Number	Work Center	Work Unit Code	Position	Type Equipment Code	CAGE Code	Part Number									Total Items Not Repaired							Total Items Repaired	Other Codes	Total Items Processed	Total Man-hours	Total EMT
	ORG	JCNORG	WC	WUC	POS	TEC	MFGR	PART	1	2	3	4	5	6	7	8	9 BCM	A	B	C	J	K	Z	RPR	OTH	TOT	MH	EMT
(1)	A9F	AT1	431	3251366		APBD	94585	TF3400-4												1				1		1	2	1
(2)				WUC/TEC/JCNORG TOTAL																1				1		1	2	1
(3)	A9F	AT3	431	325136C		APBD	54112	390897-2	1								1									1	4	2
(4)				WUC/TEC/JCNORG TOTAL					1								1									1	4	2
(5)	A9F	AT5	431	3251200		APBC	54331	4418-31												1				1		1	1	1
(6)	A9F	AT5	431	3251200		APBC	54331	4418-32												3				3		3	5	4
(7)	A9F	AT5	431	3251200		APBC	54331	4418-33A												1				1		1	1	1
(8)				WUC/TEC/JCNORG TOTAL																5				5		5	7	6
(9)	A9F	AT5	431	3251200		APBD	54331	4418-33A				1					1 2	1		2				3		5	14	10
(10)				WUC/TEC/JCNORG TOTAL								1					1 2	1		2				3		5	14	10
(11)						WC TOTAL			1			1					1 3	1		8				9		12	27	19
(12)						DIVISION TOTAL			1			1					1 3	1		8				9		12	27	19
(13)						ORGANIZATION TOTAL			1			1					1 3	1		8				9		12	27	19

Figure 7-16: Component Repair/Beyond Capability of Maintenance Report (MDR-7)

MDR-8 FAILED PARTS/PARTS REQUIRED REPORT JAN 97

ORG: A9D

	Action Organization ORG	Work Center WC	Work Unit Code WUC	Position POS	Type Equipment Code TEC	Type Maintenance TM	Action Taken AT	Malfunction MAL	When Discovered WD	Bureau/Serial Number BUNO	Part Number PART	CAGE Code MFGR	Reference Symbol REFSYM	Quantity QTY	Job Control Number JCN	Completion Date DATE	Priority PRI	Date Ordered DATE ORD	Requisition Number REQN	Date Received DATE RECD	Failed Parts F P	Awaiting Parts Indicator A W	Transaction Code TR
(1)	A9D	650	7363100		AAEK	B	R	649	D	141687	3537A-0	82227	527	1	AC3007626	7008	03	7007	G973	7007	1		32
(2)	A9D	650	7363100		AAEF	B	R	561	H	151776	3537A-0	82227	527	1	AB3020622	7029	03	7021	G735	7029	1	1	32
(3)												PART TOTAL		2									
(4)	A9D	650	7363200		AAEK	B	R	450	D	151687	866542	49671	523	1	AC3004763	7008	03	7005	G974	7007	1	1	32
(5)	A9D	650	7363200		AAEK	G	R	450	M	151689	866542	49671	523	1	AC3010A17	7029	03	7010	G988	7028	1	1	32
(6)	A9D	650	7363200		AAEF	B	4	602	E	151778	866545	49671	523	1	AC3023844	7030	03	7029	G910	7029	1	1	32
(7)												PART TOTAL		3									
(8)	A9D	650	73X2P00		AAEK	B	R	958	D	151776	866554	29146	381	1	AC3006612	7029	03	7006	G975	7028	1	1	32
(9)	A9D	650	73X2P0073		AAEK	B	R	064	H	151778	866554	29146	381	1	AC3010819	7018	03	7011	G990	7011	1		32
(10)	A9D	650	X2P00		AAEF	B	R	450	D	151834	866554	29146	381	1	AC3019436	7028	03	7019	G907	7027	1	1	32
(11)	A9D	650	73X2P00		AAEF	Q	R	602	N	151879	866554	29146	381	1	AB3022B20	7027	03	7022	G744	7026	1	1	32
(12)												PART TOTAL		4									
(13)	A9D	650	73X4C10		AAEK	B	R	450	D	151776	869993	72726	734	1	AC3019437	7028	03	7019	G908	7027	1	1	32
(14)	A9D	650	73X4C10		AAEF	B	R	561	D	151778	869993	72726	734	1	AB3022921	7027	03	7022	G745	7026	1	1	32
(15)												PART TOTAL		2									

Figure 7-17: Failed Parts/Parts Required Report (MDR-8)

MDR-9 REPAIR CYCLE DATA REPORT JAN 97

ORG: A9D WORK CENTER: 610

Part Number (PART)	Type Equipment Code (TEC)	Component Serial Number (SER)	Job Control Number (JCN)	Work Unit Code (WUC)	Malfunction Code (MAL)	Items Processed (IP)	Action Taken (AT)	Transaction Code (TR)	Elapsed Maintenance Time (EMT)	Man-hours (MHRS)	Processing (PRO)	Scheduling (SCH)	Repair (REP)	Awaiting Parts (AWP)	In Work (WORK)	IMA TAT (IMA)	Total Turnaround Time (TOT)	Completion Date (DATE)
1267	AAEK	1063	AC3003022	7236400	127	1	C	31	8.4	16.8	3		1		1	1	4	7008
1267	AAEK	2276A	AC3003214	7236400	255	1	C	32	4.4	13.2	1		1	1	2	2	3	7008
1267	AAEK	4322	AC3004110	7236400	962	1	C	32	1.8	5.4		1	1		1	2	2	7009
TEC TOTAL						3			14.6	35.4	4	1	3	1	4	5	9	
TEC AVERAGE											1.3	.3	1.0	.3	1.3	1.7	3.0	
1267	AAEF	78	AC3003021	7236400	806	1	A	31	1.1	2.2			1		1	1	1	7007
1267	AAEF	965A	AC3004421	7236400	127	1	C	32	1.7	5.1			1		1	1	1	7012
TEC TOTAL						2			2.8	7.3			2		2	2	2	
TEC AVERAGE											.0	.0	1.0	.0	1.0	1.0	1.0	
PART NUMBER TOTAL						5			17.4	42.7	4	1	5	1	6	7	11	
PART NUMBER AVERAGE											.8	.2	1.0	.2	1.2	1.4	2.2	
WORK CENTER TOTAL						5			17.4	42.7	4	1	5	1	6	7	11	
WORK CENTER AVERAGE											.8	.2	1.0	.2	1.2	1.4	2.2	
ORG TOTAL						3064			734.5	11466.4	3370	2451	4289	7660	11949	14400	17770	
ORG AVERAGE											1.1	.8	1.4	2.5	3.9	4.7	5.8	

TOTAL TIME IN DAYS	0-3		4-10		11-20		21-30		31-60		61-90		91-120		121-150		OVER 150	
	RFI	BCM	RFI	BCM	RFI	BCM	RFI	BCM	RFI	BCM	RFI	BCM	RFI	BCM	RFI	BCM	RFI	BCM
	1265	616	317	140	230	83	61	51	108	58	48	23	15	8	13	1	18	9

Figure 7-18: Repair Cycle Data Report (MDR-9)

MDR-10 FOREIGN OBJECT DAMAGE REPORT JAN 97

ORG: AC3

	Work Unit Code WUC	Position POS	Type Equipment Code TEC	Bureau/Serial Number BUNO	When Discovered WD	Type Maintenance TM	Action Taken AT	Malfunction MAL	Fault Isolation Detection FID	Items Processed IP	Man-hours MHRS	CAGE Code MFGR	Part Number PART NUMBER	Reference Symbol REFSYM	Job Control Number JCN	Action Organization ORG	Work Center WC	Completion Date DATE	Transaction Code TR
(1)	11421		AAEK	151687	E	B	R	301		1	4.5	26512	128H100555		AC3022622	AC3	120	7022	23
(2)	11421		AAEK	151687	E	B	C	301		1	12.0	26512	128H100555		AC3022622	A9D	540	7023	32
(3)							R	301				26512	128H41	215					
(4)	14814		AAEK	151688	E	B	C	301		1	2.5				AC3022629	AC3	120	7022	11
(5)	23500		AAEK	151689	J	B	C	301		1	5.0				AC3024024	AC3	110	7024	12
(6)							0	000				JHHA1	673498						
(7)	23500		AAEK	151689	C	B	R	301		1	16.0	JHHA1			AC3025123	AC3	110	7026	23
(8)	23500		AAEK	151689	C	B	C	301		1	122.0	JHHA1			AC3025123	A9D	410	7026	32
(9)							R	301				73481	135HA10						
(10)	2358100		AAEK	151690	J	B	R	301		1	2.0	77224	184A150		AC3025127	AC3	110	7026	25
(11)								000				JHHA1	673473 E0258						
(12)	2358100		AAEK	151690	J	B	C	301		1	10.0	77224	184A150		AC3025127	A9D	410	7026	32
(13)							R	301				77224	184A150-1						
(14)									*	8	174.0								
(15)									**	8	174.0								

Figure 7-19: Foreign Object Damage Report (MDR-10)

MDR-11 CORROSION CONTROL/TREATMENT REPORT JAN 97

ORG: C9N

	Work Unit Code WUC	Position POS	Type Equipment Code TEC	Bureau/Serial Number BUNO	When Discovered WD	Type Maintenance TM	Action Taken AT	Malfunction MAL	Fault Isolation Detection FID	Items Processed IP	Man-hours MHRS	Elapsed Maintenance Time EMT	Maintenance Level ML	Completion Date DATE	CAGE Code MFGR	Part Number PART NUMBER	Action Organization ORG	Work Center WC	Job Control Number JCN	Transaction Code TR
(1)	1111C		GPES	416928	J	B	Z	170		1	3.8	1.9	1	7009			C9N	920	C9N009914	11
(2)	1111C		GPES	416928	J	B	Z	170		1	14.4	2.8	1	7010			C9N	920	C9N009923	11
(3)	1111C		GPES	416928	J	B	Z	170		1	12.4	3.1	1	7010			C9N	920	C9N009903	11
(4)									*	3	30.6	7.8								
(5)	11216		GPES	416928	J	B	Z	170		1	27.4	3.8	1	7011			C9N	920	C9N009974	11
(6)									*	1	27.4	3.8								
(7)	11221		GPES	416928	J	B	Z	170		1	7.1	2.7	1	7009			C9N	920	C9N009917	11
(8)	11221		GPES	416928	J	B	Z	170		1	1.8	.9	1	7009			C9N	920	C9N009924	11
(9)									*	2	8.9	3.6								
(10)	11246		GPES	416928	J	B	Z	170		1	72.4	9.7	1	7014			C9N	920	C9N009925	11
(11)	11246		GPES	416928	J	B	Z	170		1	20.1	7.5	1	7013			C9N	920	C9N009928	11
(12)									*	2	92.5	17.2								
(13)									**	13	186.9	32.4								
(14)									***	13	186.9	32.4								

Figure 7-20: Corrosion Control/Treatment Report (MDR-11)

MDR-12 NO DEFECT REPORT JAN 97

ORG: C9N

	Work Unit Code WUC	Position POS	Type Equipment Code TEC	Bureau/Serial Number BUNO	When Discovered WD	Type Maintenance TM	Action Taken AT	Malfunction MAL	Fault Isolation Detection FID	Items Processed IP	Man-hours MHRS	Elapsed Maintenance Time EMT	Maintenance Level ML	Completion Date DATE	CAGE Code MFGR	Part Number PART NUMBER	Serial Number SERIAL	Work Center WC	Job Control Number JCN	Transaction Code TR
(1)	12910		AAEK	151687	E	B	A	799		1	1.5	1.5	2	7022				520	AC3022431	31
(2)	12A10		AAEK	151687	E	B	A	799		1	.5	.5	2	7022				520	AC3022435	31
(3)	12A21		AAEK	151685	J	D	A	799		1	1.0	1.0	2	7022				520	AC3022102	31
(4)									*	3	3.0	3.0								
(5)	29310		AAEK	151689	J	D	A	799		1	1.0	1.0	2	7022				41M	AC3022112	31
(6)	29620		AAEK	151687	B	B	A	799		1	.5	.5	2	7022				41M	AC3022361	31
(7)									*	2	1.5	1.5								
(8)	51114		AAEK	151686	D	B	A	799		1	1.0	1.0	2	7022				620	AC3022019	31
(9)									*	1	1.0	1.0								
(10)									**	6	5.5	5.5								
(11)	562B2		AAEK	151686	D	B	A	127		1	1.0	1.0	2	7022				620	AC3022020	31
(12)									*	1	1.0	1.0								
(13)									**	1	1.0	1.0								
(14)	763C100		AAEK	151686	D	B	A	281		1	3.0	1.5	2	7022				640	AC3022023	31
(15)									*	1	3.0	1.5								
(16)									**	1	3.0	1.5								
(17)	763C100		AAEK	151698	D	B	A	281		1	3.5	1.5	2	7022				640	AC3022315	31
(18)									*	2	3.5	1.5								
(19)									**	2	3.5	1.5								
(20)									***	9	13.0	9.5								

Figure 7-21: No Defect Report (MDR-12)

MDR-13 WHEN MALFUNCTION WAS DISCOVERED REPORT JAN 97

ORG: A9B

	Type Equipment Code TEC	When Discovered WD	Work Unit Code WUC	Position POS	Action Taken AT	Malfunction Description MAL	Fault Isolation Detection FID	Job Control Number Organization JCNORG	Action Organization ACTORG		Items Processed IP	Man-hours MHRS	Elapsed Maintenance Time EMT
(1)	AAEK	B	76931		C	561		AC3	A9B		2	1.0	1.0
(2)	AAEK	B	76931		C	127		AC3	A9B		5	5.0	5.0
(3)										**	7	6.0	6.0
(4)	A B C F J K L N P Q R S T Y Z 0												
(5)	7									***	7	6.0	6.0
(6)	AAEK	D	29313		C	167		AC3	A9B		1	4.0	2.0
(7)	AAEK	D	29313		C	020		AC3	A9B		1	6.0	3.0
(8)										**	2	10.0	5.0
(9)	AAEK	D	41171		C	167		AC3	A9B		1	6.0	3.0
(10)										**	1	6.0	3.0
(11)	AAEK	D	46634		B	105		AC3	A9B		3	2.5	2.5
(12)	AAEK	D	46634		C	070		AC3	A9B		1	.5	.5
(13)										**	4	3.0	3.0
(14)	AAEK	D	72361		C	383		AC3	A9B		2	1.5	1.5
(15)										**	2	1.5	1.5
(16)	AAEK	D	73364		C	383		AC3	A9B		2	1.5	1.5
(17)										**	2	1.5	1.5
(18)	A B C F J K L N P Q R S Y T Z 0												
(19)	3 2									***	11	22.0	14.0
(20)	AAEK	E	11921		B	381		AC3	A9B		3	12.0	5.0
(21)	AAEK	E	11921		C	381		AC3	A9B		2	10.0	10.0
(22)	AAEK	E	11921		C	381		AC3	A9B		1	6.0	3.0
(23)										**	6	28.0	18.0
(24)	A B C F J K L N P Q R S Y T Z 0												
(25)	3 3									***	6	28.0	18.0
(26)										****	24	56.0	38.0

Figure 7-22: When Malfunction Was Discovered Report (MDR-13)

MR - 1 - 1 REPAIRABLE MANAGEMENT DATA REPORT FEB 97 THROUGH JUL 97

PART I - DETAIL LIST WUC

SUPPLY ORGANIZATION: A8S

Work Unit Code	Cognizance Symbol	Material Control Code	Purpose Code	National Stock Number			Organization	Job Control Number			Type Equipment Code	Quantity	CAGE Code	Part Number	Action Taken						Completion Date	
				.....NSN.....			.....JCN.....								A	...REPAIR CYCLE DATA...					COMP	
WUC	COG	MCC	P	NSC	NIIN	SMIC	ORG	DAY	SER	SUF	TEC	QTY	MFGR	PART NO.	T	REM	SCH	AWP	REP	TAT	DATE	BCM
7143000	7R	H	W	6203	000215432	EX	BY0	041	283		AHZA	1	80378	215221045	C	1		2	1	4	7045	
7143000	7R	H	W	6203	000215432	EX	BY0	046	416		AHZA	1	82050	21514167	4		1	84		85	7116	1
7143000	7R	H	W	6203	000215432	EX	BY0	051	A28		AHZA	1	80378	215221045	A	2				2	7053	
7143000		TOTAL										3				3	1	86	1	91		1
7143000		MONTHLY AVERAGE										1				1	0	29	0	30	(4)	0
7143000																						

CONSTRAINED ALW 1 + ATTRITION ALW 1 = POOL ALW 2

MR - 1 - 1 REPAIRABLE MANAGEMENT DATA REPORT FEB 97 THROUGH JUL 97

PART II - WUC (MONTHLY AVERAGES)

SUPPLY ORGANIZATION: A8S

WUC	QTY	CONSTRAINED ALW	ATTRITION ALW	POOL ALW	REM	SCH	AWP	REP	TAT	BCM
					.....REPAIR CYCLE DATA.....					
2914310	1	2		2	1	2	20	5	28	
29146			1	1						
7143100	1	1	1	2	1		2	1	4	

***TOTAL NUMBER OF WUC = 3

Figure 7-23: Repairable Management Data Report (MR-1-1)

MR - 1 - 2 REPAIRABLE MANAGEMENT DATA REPORT APR 97 THROUGH SEP 97

PART I - DETAIL NIIN WUC

SUPPLY ORGANIZATION: A8S

WUC (Work Unit Code)	COG (Cognizance Symbol)	MCC (Material Control Code)	P (Purpose Code)	NSN NSC	NSN NIIN (National Stock Number)	NSN SMIC	ORG (Organization)	JCN DAY	JCN SER (Job Control Number)	JCN SUF	TEC (Type Equipment Code)	QTY (Quantity)	MFGR (CAGE Code)	PART NO. (Part Number)	A T (Action Taken)	REPAIR CYCLE DATA REM	SCH	AWP	REP	TAT	COMP DATE (Completion Date)	BCM
7143000	7R	H	W	6203	00021543 2	EX	BY0	041	283		AHZA	1	80378	215221045	C	1			1	4	7045	
7143000	7R	H	W	6203	00021543 2	EX	BY0	046	416		AHZA	1	82050	21514167	4		1	2		85	7116	1
7143000	7R	H	W	6203	00021543 2	EX	BY0	051	A28		AHZA	1	80378	215221045	A	2		84		2	7053	
					00021543 2	TOTAL						3				3	1	86	1	91		1
					00021543 2	MONTHLY AVERAGE						1				1	0	29	0	30	(4)	0
					00021543 2	CONSTRAINED ALW 1 + ATTRITION ALW 1 = POOL ALW 2																

MR - 1 - 2 REPAIRABLE MANAGEMENT DATA REPORT APR 97 THROUGH SEP 97

PART II - NIIN SUMMARY (MONTHLY AVERAGES)

SUPPLY ORGANIZATION: A8S

NIIN	QTY	CONSTRAINED ALW + ATTRITION ALW = POOL ALW	REPAIR CYCLE DATA REM	SCH	AWP	REP	TAT	BCM
00021543 0	1	2 2	1	2	20	5	28	
00021543 1		1 1						
00021543 2	1	1 2	1		2	1	4	

***TOTAL NUMBER OF NIIN = 3

Figure 7-24: Repairable Management Data Report (MR-1-2)

MDR - 2 - 1 EXPENSE ITEM MANAGEMENT DATA REPORT FEB 97 THROUGH APR 97

SUPPLY ORGANIZATION: A8S

Cognizance Symbol	Material Control Code	Purpose	National Supply Classification	National Item Identification Number	Special Material Identification Code	Frequency	Quantity
COG	MCC	PURP	NSC	NIIN	SMIC	FREQ	QTY
1R	M	A	5895	002319280	FA	8	8
1R	M	A	1280	003218892	FA	6	8
1R	M	A	6605	003679201	FA	10	11
1R	M	A	1650	004811849	BP	4	4
1R	M	A	1680	005621267	BE	3	3
1R	M	A	5985	007213142	FA	5	8

** TOTAL NO. OF 1R COG ITEMS FOR SUPORG = 6
*** TOTAL NO. LINE ITEMS FOR SUPORG = 178

Figure 7-25: Expense Item Management Data Report (MR-2-1)

MDR - 2 - 2 EXPENSE ITEM MANAGEMENT DATA REPORT FEB 97 THROUGH APR 97

SUPPLY ORGANIZATION: A8S
MAINT ORGANIZATION: BYO

Cognizance Symbol	Material Control Code	Purpose	National Supply Classification	National Item Identification Number	Special Material Identification Code	Frequency	Quantity
COG	MCC	PURP	NSC	NIIN	SMIC	FREQ	QTY
1R	M	A	5895	002319280	FA	8	8
1R	M	A	1280	003218892	FA	6	8
1R	M	A	6605	003679201	FA	10	11
1R	M	A	1650	004811849	BP	4	4
1R	M	A	1680	005621267	BE	3	3
1R	M	A	5985	007213142	FA	5	8

** TOTAL NO. OF LINE ITEMS FOR JCNORG = 6

MAINT ORGANIZATION: AJ1

9G		A	5960	005327999		3	3
9G		A	5960	006284081		4	4
9G		A	5865	007498032		2	3
5P		A	5865	008497364		5	8

** TOTAL NO. OF LINE ITEMS FOR JCNORG = 4
*** TOTAL NO. OF LINE ITEMS FOR SUPORG = 48

Figure 7-26: Expense Item Management Data Report (MR-2-2)

MR - 2 - 3 EXPENSE ITEM MANAGEMENT DATA REPORT FEB 97 THROUGH APR 97

SUPPLY ORGANIZATION: A8S

TYPE EQUIPMENT CODE: AHZA

Work Unit Code	Cognizance Symbol	Material Control Code	Purpose	National Stock Number	Unit of Issue	Quantity	Requisition Date	Requisition Serial	Job Control Number	CAGE Code
WUC	COG	MCC	P	NSN	U/I	QTY	REQN NO		JCN	MFGR
1325100	1R	Z	A	5330 00 050 9958 FA	EA	4	7078 D918		BZA 078 617 2B	36659
1325100	1R	Z	A		EA	4	7099 D315		BZ0 099 316	36659
		NIIN SUBTOTAL = 8								
1325100	9Z		A	5310 00 319 5985	EA	8	7108 D153		BOA 101 215	13315
1325100	9Z		A	5315 00 415 6776	EA	1	7105 D617		BOA 105 617 1A	13315
1325100	9C		A	4720 00 515 5720	FT	100	7120 D715		BO3 119 555	67316
		* TOTAL NO. OF LINE ITEMS FOR WUC = 5								
7143100	1R	M	A	5895 00 135 0321 KZ	EA	1	7075 D315		BYO 074 415 1A	83315
7143100	1R	M	A	5895 00 135 0416 KZ	EA	5	7078 D316		BYO 075 419	13735
7143100	9N		A	5961 00 315 4160	EA	8	7079 D615		BYO 078 417	03315
7143100	9Z		A	5305 00 617 5450	EA	10	7081 D716		BYO 081 415 1V	13735
		* TOTAL NO. OF LINE ITEMS FOR WUC = 4								

** TOTAL NO. OF LINE ITEMS FOR TEC = 9

*** TOTAL NO. OF LINE ITEMS FOR SUPORG = 95

Figure 7-27: Expense Item Management Data Report (MR-2-3)

CHAPTER 8 - Data Submission and Transfer

Table of Contents

Paragraph	Subject	Page
8.1	Introduction	8-1
8.2	Data Submission to Central Data Bank	8-1
8.3	Data Transfer	8-8
8.4	Record Formats	8-9
8.4.1	Material Issue Record (60)	8-10
8.4.2	RFI Component Record (61)	8-10
8.4.3	Material Issue Correction Record (62)	8-11
8.4.4	BCM Component Record (63)	8-11
8.4.5	TDC Material Issue Record (64)	8-11
8.4.6	Initial Outfitting Issue Record (65)	8-12
8.4.7	Servmart Record (66)	8-13
8.4.8	Indirect Material Issue Record (67)	8-13
8.4.9	Equipment Master Roster Record (70)	8-13
8.4.10	Monthly Summary Record (79)	8-14
8.4.11	VIDS/MAF Copy 1 and METER Card (Green Copy) A Record	8-15
8.4.12	VIDS/MAF Copy 1 and METER Card (Green Copy) B Record	8-16
8.4.13	VIDS/MAF Copy 1 C Record	8-16
8.4.14	VIDS/MAF Copy 1 D Record	8-17
8.4.15	VIDS/MAF Copy 1 and METER Card (Green Copy) E Record	8-17
8.4.16	VIDS/MAF Copy 1 F Record	8-17
8.4.17	VIDS/MAF Copy 1 G Record	8-18
8.4.18	VIDS/MAF Copy 1 H-Z Record	8-18
8.4.19	Naval Aircraft Flight Record (7B)	8-19
8.4.20	Naval Aircraft Flight Record (7C)	8-19
8.4.21	Naval Aircraft Flight Record (7D)	8-20
8.4.22	Naval Aircraft Flight Record (7E)	8-21
8.4.23	Naval Aircraft Flight Record (7F)	8-21
8.4.24	Naval Aircraft Flight Record (7G)	8-22
8.4.25	Individual Master Roster Record (7Z)	8-22
8.4.26	Correction/Deletion Record (CR/DR) (NAVFLIRS ONLY)	8-23

List of Illustrations

Figure	Title	Page
8-1	COMNAVAIRSYSCOM (AIR-3.3.4) MDS Data Transmittal Letter	8-24
8-2	Notification of Transfer (Sample Format)	8-25
8-3	Notification of Individual's Transfer (Sample Format)	8-26

CHAPTER 8 - Data Submission and Transfer

8.1 Introduction

At the end of each daily process and monthly accounting period, accumulated MDS data will be forwarded to the central data bank at COMNAVAIRSYSCOM (AIR-3.3.4). There will also be times when it will become necessary for a reporting activity to change its NDCSC and thus necessitate a transfer of data from one NDCSC to another. This chapter describes the basic procedures to accomplish these three evolutions.

8.2 Data Submission to Central Data Bank

a. Micro aviation 3M/NAVFLIRS sites with access to SALTS capability will forward MDS data upline daily. Seagoing activity MDS data will be copied to diskette for input to SALTS. Shore based sites will transmit MDS data daily directly via telecommunications to NAVICP SALTS. Transmission procedures are defined in the SALTS Program Operations Manual. Monthly MDS data from micro sites will be forwarded via SALTS. Monthly MDS data from non-micro non-SALTS accessible sites will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4) in the form of magnetic media. The MDS record formats required to be forwarded are defined in paragraph 8.4.

b. Method of Forwarding. MDS data will be forwarded to the central data facility not later than the tenth calendar day of the month. These data may be forwarded by first class mail or, for those activities so authorized, via AUTODIN. When forwarded after the tenth calendar day of the month, MDS data will be shipped via the most expeditious means available including commercial express delivery services which guarantee delivery within a specified time. In all cases, the magnetic media to be shipped will be securely packaged with each package labeled and series numbered (1 of 3, 2 of 3, etc.). A transmittal letter, in the format of Figure 8-1, will be included in the shipment. Activities forwarding MDS data shall notify COMNAVAIRSYSCOM (AIR-3.3.4) (info the appropriate ACC), via naval message, of the date and method of shipment and any other related information. Where AUTODIN is used, cite the DTG of the AUTODIN transmission. Above messages will contain the notation MIN:CONSIDERED in the subject line to permit transmission when MINIMIZE is imposed.

c. Data Processing Code. The data processing code is a three character code that identifies the source of the data by location. The organization code of the local supply department, such as station, carrier, or MAG, where the data originated will be entered as the data processing code. This code is required at the central data bank for identification of data sources by location. For example, data from NAVCOMTELSTA, San Diego will have a supply organization code of P8A for the activities at NAS North Island and P8C for the activities at MCAS Miramar. Data from NAVCOMTELSTA Pensacola will have a supply organization code of T81 for the activities at NAS Pensacola, T82 for the activities at Whiting Field, and R82 for activities at NAS Dallas. Data from NCTAMS LANT DET New Orleans, LA will have a supply organization code of R88 for activities at NAS New Orleans, LA, and R8C for activities at NAS Willow Grove, PA. Data from MAG-14 will have a supply organization code of FAZ and data from MAG-36 will have a supply organization code of GCZ. The Organization Code Cross-Reference Master List (A7065-01) provides for the identification of all organization codes. Inquiries concerning these codes may be addressed to: COMMANDER, ATTN AIR-3.3.4, BLDG 447, NAVAL AIR SYSTEMS COMMAND, 47060 MCLEOD RD UNIT 8, PATUXENT RIVER MD 20670-1626.

d. Magnetic Media Specifications and Format. When data are forwarded by magnetic media, such transmission shall be per the following standards.

(1) Media Type, Track Size, and Density. Data shall be written in EBCDIC or ASCII. Media type is limited to 3 1/2" diskette or cartridge tape. When forwarding data via diskette, the external label must reflect the series number (1 of 3, 2 of 3, etc.).

(2) Internal Header Label. Internal header labels are not to be written on the magnetic media.

(3) Record Length. Ten 80-character records.

(4) End of Reel Indicator. Data recorded on magnetic tape must be terminated by at least one tape mark. If a trailer label is used, it shall be preceded by a tape mark.

(5) Control Record. A control record must be the first and last data records placed on the data submission. The control record identifies the Navy or Marine Corps activity submitting the MDS data to COMNAVAIRSYSCOM (AIR-3.3.4). The control record shall be prepared according to the following criteria:

Positions 1-3. The literal CT* (asterisk) will be present in positions 1-3.

Positions 4-25 - Data Processing Activity. The name of the activity placing the 3M data on magnetic tape. The first character of activity name should be in position 4, for example, NAS Norfolk, Ronald Reagan (CVN-76).

Positions 26-28 - Type of Data. The literal MDS shall always be placed in positions 26-28.

Positions 31-33 - Data Processing Activity Code. The 3M organization code of the data processing activity as contained in the Organization Code Cross-Reference Master List (A7065-01) report.

Position 34 - Blank.

Positions 35-40 - Date of Transmittal Letter. The information in this field reflects the date the letter of transmittal was prepared. The field will reflect six numeric characters defining the date YYMMDD format, for example, 20 October 2004 shall be entered 041020.

Positions 41-46 - Serial Number of Letter. This field should reflect the serial number assigned to the transmittal letter. The serial number must be right justified in the field and, if necessary, must be preceded with zeros to completely fill the field. If the serial number is not present on the transmittal letter, fill the field with literal Xs.

Positions 47-52 - Record Count. The record count will be zero filled in the first control record. This field in the last control record will reflect a count of the total number of maintenance data records submitted. This count should be accurate since it is used by COMNAVAIRSYSCOM (AIR-3.3.4) to verify the number of records processed.

Positions 53-62. Do not use this field except as specifically authorized by COMNAVAIRSYSCOM (AIR-3.3.4).

Positions 63-68 - Report Ending Date. This field contains a numeric date reflecting the ending date of the reporting time period. The date shall be in YYMMDD format, for example, 30 September 2004 cutoff date shall be displayed as 040930.

Positions 69-70 - The numeric number 01 shall be present in positions 69-70.

Positions 71-76 - Submission Creation Date. This field reflects the date submission was created. The date is structured in YYMMDD format.

Positions 77-78 - Run Number. The numeric number 01 shall always be present in position 77-78.

Positions 79-80 - Control Card Serial Number. The numeric number 01 shall always be present in positions 79-80.

e. Submission Sequence. Data records can be submitted in any sequence, except for control records described in paragraph 8.2 d(5).

f. External Labels. Each submission of MDS data or magnetic media shall be externally labeled to reflect the following information:

(1) The file identification Aviation MDS Data.

(2) When using magnetic tape, the track size and recording density, for example, 9TR/1600 and TR/6250. This information is necessary for expeditious entry of data into the 3M aviation central data bank.

(3) The total number of records. This record count indicates the number of individual data records.

(4) The reel, diskette, or box number within submittal, for example, 1 of 2, 2 of 2.

(5) Date of machine run (YYMMDD).

(6) The name and address to be used by COMNAVAIRSYSCOM (AIR-3.3.4) when returning the magnetic media to the originator.

(7) Other optional information (as deemed appropriate).

g. Transmittal Letter. Each submittal shall be accompanied by a letter of transmittal as described in paragraph 8.2 b. For the magnetic media, the characteristics (media type, track size, and recording density) shall also be indicated on the transmittal letter. When a submittal is comprised of more than one carton, a copy of the transmittal letter shall be placed in each carton. One or more reels or boxes in a shipping container is considered to be a carton. The transmittal letter for COMNAVAIRSYSCOM (AIR-3.3.4) submittals shall be computer generated and prepared as described in the following paragraphs.

(1) Title line will be printed in two lines at the top of the page as follows:

(a) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
NAVAL	1-5	1
AIR	7-9	1
SYSTEMS	11-19	1
COMMAND	21-26	1

(b) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
MDS	1-3	1
DATA	5-8	1
TRANSMITTAL	10-20	1
LETTER	22-27	1
DAY	56-57	2, 5
MONTH	59-61	2
YEAR	63-64	2

(2) From Address will require up to three lines of print and will be printed beginning two lines below the title line as follows:

(a) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
FROM:	1-5	1
ADDRESS	8-54	3

(b) Lines 2 and 3

DATA ELEMENT	PRINT POSITION	NOTES
ADDRESS	8-54	3

(3) To Address will require four lines of print and will be printed beginning two lines below the last line of the From Address as follows:

(a) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
TO:	1-3	1
COMMANDER	8-16	1

(b) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
NAVAL	8-12	1
AIR	14-16	1
SYSTEMS	18-24	1
COMMAND	26-32	1
(AIR-3.3.4)	34-44	1

(c) Line 3

DATA ELEMENT	PRINT POSITION	NOTES
47060	8-12	1
MCLEOD	14-19	1
RD	21-22	1

(d) Line 4

DATA ELEMENT	PRINT POSITION	NOTES
PATUXENT	8-15	1
RIVER	17-21	1
MD	23-24	1
20670-1626	26-35	1

(4) SUBJ line will be printed two lines below the last To Address line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SUBJ:	1-5	1
SUBMISSION	8-17	1
OF	19-20	1
AVIATION	22-29	1
3M	31-32	1
DATA	34-37	1

(5) REF line will be printed two lines below the SUBJ line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
REF:	1-4	1
(A)	8-10	1
COMNAVAIRFORINST	13-21	1
4790.2	23-29	1

(6) ENCL line will be printed two lines below the REF line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
ENCL:	1-5	1
(1)	8-10	1
3M	13-14	1
DATA	16-19	1

(7) PARA 1 will require three lines of print beginning two lines below the ENCL line as follows:

(a) Line 1

DATA ELEMENT	PRINT POSITION	NOTES
1.	1-2	1
ENCLOSURE	5-13	1
(1)	15-17	1
IS	19-20	1
FORWARDED	22-30	1
TO	32-33	1
YOUR	35-38	1
ACTIVITY	40-47	1
THIS	49-52	1
DATE	54-57	1
IN	59-60	1

(b) Line 2

DATA ELEMENT	PRINT POSITION	NOTES
ACCORDANCE	1-10	1
WITH	12-15	1
REFERENCE	17-25	1

(A).	27-30	1
THE	33-35	1
RECORDS	37-43	1
REFLECT	45-51	1
TRANSACTIONS	53-64	1

(c) PARA 1 line 3

DATA ELEMENT	PRINT POSITION	NOTES
WHICH	1-5	1
OCCURRED	7-14	1
DURING	16-21	1
THE	23-25	1
REPORTING	27-35	1
PERIOD	37-42	1
ENDING	44-49	1
DAY	51-52	4, 5
MONTH	54-56	4
YEAR	58-59	4
.	60	1

(8) PARA 2 line will be printed two lines below the last PARA 1 line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
2.	1-2	1
RECORD	5-10	1
COUNTS	12-17	1
ARE	19-21	1
AS	23-24	1
FOLLOWS:	26-33	1

(9) Record count header will be printed three lines below the PARA 2 line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TYPE	9-12	1
COUNT	18-22	1

(10) 60 thru 67 record count line will be printed two lines below the record count leader line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
60-67	9-13	1
60-67 COUNT	17-21	5, 6
MEDIA	31-35	1
TYPE:	37-41	1

(11) 70 record count line will be printed immediately below the 60-67 record count line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
70	9-10	1
70 COUNT	17-21	5, 6

(12) A thru Z record count line will be printed immediately below the 70 record count line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
A-Z	9-11	1
A-Z COUNT	17-21	5, 6
TRACK	31-35	1
SIZE:	37-41	1

(13) 7B thru 7G record count line will be printed immediately below the A-Z record count line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
7B-7G	9-13	1
7B-7G COUNT	17-21	5, 6

(14) 7Z record count line will be printed immediately below the 7B-7G record count line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
7Z	9-10	1
7Z COUNT	17-21	5, 6
DENSITY	31-38	1

(15) CORR record count line will be printed immediately below the 7Z record count line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
CORR	9-12	1
CORR COUNT	17-21	5, 6

(16) Total record count line will be printed two lines below the CORR count line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
TOTAL	9-13	1
TOTAL COUNT	16-21	5, 7

(17) Signature line will be printed five lines below the total record count line as follows:

DATA ELEMENT	PRINT POSITION	NOTES
SIGNATURE	31-39	1

(18) Notes. Notes used in the preparation of the MDS data transmittal letter are as follows:

1 - Machine generated literal.
2 - Day, month and year report is printed.
3 Up to three lines to print address of NDCSC preparing report.
4 - Day, month and year of last day of accounting period.
5 - Right justify, suppress printing of leading zeros.
6 - The number of applicable records contained on the submission file. CORR records pertain to COMNAVAIRSYSCOM (AIR 3.3.4) corrections only.
7 - Total number of records on the submission file should equal the accumulation of all individual record counts.

h. Submission Dates. MDS data will be forwarded directly to COMNAVAIRSYSCOM (AIR-3.3.4) in time to ensure receipt by the 15th of the month following the end of the accounting period. Record type 79 records will be forwarded to the appropriate controlling custodian not later than 2400 hours on the tenth calendar day of the month following the report month. In the event this deadline cannot be met, notify supported activities via message with an info copy to the appropriate ACC. Controlling custodians will transmit these records via AUTODIN to COMNAVAIRSYSCOM (AIR-3.3.4). For each of these shipments, where machine capability permits, establish a record count for each record type and an overall total of records submitted. These totals will be forwarded as an enclosure to the letter of transmittal with each shipment.

i. Shipping. The utmost care should be taken when packing tapes and diskettes for shipment to prevent destruction of data on the tape/diskettes or physical damage to the magnetic media. Tapes/diskettes must always be packed securely in an appropriately designed container. Additional support for tapes should be obtained by enclosing each reel of tape in an individual stiff cardboard shipping box. Floppy diskettes/cartridges must be enclosed within their own individual sleeve (for diskettes) or plastic case (for cartridges); but may be shipped together within a single cardboard shipping box or a stiff cardboard shipping envelope. All MDS data submissions shall be addressed as follows: COMMANDER, ATTN AIR-3.3.4 BLDG 447, NAVAL AIR SYSTEMS COMMAND, 47060 MCLEOD RD UNIT 8, PATUXENT RIVER MD 20670-1626.

j. Data Exchange. Magnetic media sent to COMNAVAIRSYSCOM (AIR-3.3.4) are retained for 30 days and then returned to the originator. The submitting activity is required to provide the media for submission. Magnetic media distributed should be of certified quality and reliability to ensure reliable transmission of data. Procedures should be established at each NDCSC to permit expeditious resubmission of data previously submitted to COMNAVAIRSYSCOM (AIR-3.3.4) in the event of data loss or damage.

k. Point of Contact. All Navy and Marine Corps activities submitting MDS data should notify COMNAVAIRSYSCOM of a point of contact within their activity to permit expeditious resolution of any problems that may arise in data exchange and discussion of other matters of mutual interest. The contact point should be designated by code, telephone extension, and, if desired, the individual's name. COMNAVAIRSYSCOM (AIR-3.3.4) NALDA Users Support is available at 800-624-6621.

8.3 Data Transfer

a. When a situation arises that warrants the transfer of the data processing functions from one NDCSC to another, the analyst at the organization to be transferred will notify the NDCSC of such transfer by submitting the notification of transfer (sample memorandum format contained in Figure 8-2). The analyst will notify the NDCSC of the cutoff date for transfer at least 5 working days prior to the cutoff date. The NDCSC will provide the analyst with all MDS data accumulated for that accounting period through the cutoff date for that organization, on transfer tapes. These transfer records will be in the format contained in Appendix B. The analyst will deliver the transfer data to the new NDCSC as appropriate for inclusion into

that NDCSC's data bank. The new NDCSC will incorporate the transferred data into its local data base in order to provide monthly reports at the end of the accounting period in addition to the submission to COMNAVAIRSYSCOM (AIR-3.3.4).

b. The following criteria will be used when transferring data from one NDCSC to another:

(1) 60 through 67 records will not be transferred between NDCSCs.

(2) All 7B-7G records for the ORG being transferred will be forwarded. In addition, all master roster records (EMR/IMR) will be forwarded.

(3) All A-Z record families will be transferred based on JCNORG, except those with TRCODE of 00, 02, or 03 which will be selected by ORG. If the JCNORG and the ORG are not equal, in addition to forwarding that family to the receiving NDCSC, the family will also be retained at the transferring NDCSC to provide data for various monthly reports. These retained records will not be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4) at the end of the accounting period. The receiving NDCSC will effect the submission of such records to COMNAVAIRSYSCOM (AIR-3.3.4).

(4) The transferring NDCSC will maintain a copy of transferred data as history until the transferring organization has given notice that such data has been successfully processed into the receiving NDCSC's data bank.

(5) All records transferred will not be retained in the transferring NDCSC's data bank except as noted in paragraph 8.3 b(3).

(6) Data transfer between NDCSCs. All records returned to the NDCSC within the same accounting period, which were retained on file per paragraph 8.3 b(3), will be applied to the receiving NDCSC's master file, replacing those records already on file (matching document number) and all records will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4).

(7) Once data has been removed from the transferring NDCSC's data base, local correction procedures cannot be applied from DARs produced by the transferring NDCSC. The receiving NDCSC will validate all data received, generate new document numbers, and produce DARs as if the data were entering the system for the first time. Corrections may then be applied at the receiving NDCSC utilizing the new DARs only.

(8) Individual's Transfer. When the situation arises where an individual is being transferred to another activity (away from the current NDCSC's geographical location), the analyst at the activity where the individual is transferring from will notify the NDCSC of such transfer by submitting the notification of transfer (sample memorandum format contained in Figure 8-3). The analyst will notify the NDCSC of the transfer date at least five working days prior to the individual's transfer. The NDCSC will provide the individual (via the analyst) a copy of the updated Monthly Individual Flight Activity Report (NAVFLIRS-3). This report will be delivered to the individual's new activity for information purposes and for balancing the individual's flight log. Upon the individual's departure, the analyst shall submit a Naval Aircraft Flight Record (OPNAV 3710/4) indicating a personnel loss (RECTYP 7D, EXCD L).

8.4 Record Formats

The records described in this paragraph will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4) and TYCOM (as appropriate).

8.4.1 Material Issue Record (60)

All 60 records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
B	ORG	1-3
8-22	NSNPN	4-18
23-24	UI	19-20
25-29	QTY	21-25
36-39	REQDAT	26-29
40-43	REQNUM	30-33
L, M	JCNORG	34-36
L, M	JCNDAY	37-39
L, M	JCNSER	40-42
L, M	JCNSUF	43-44
N	TEC	45-48
55-56	COG	49-50
57-59	PROJ	51-53
60-61	PRI	54-55
P	WUC	56-62
R	MFGR	63-67
70	PURP	68
71	COND	69
73	MCC	70
BELOW V	SUPDAT	71-74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
V	RECTYP	79-80

8.4.2 RFI Component Record (61)

All 61 records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
A22	WUC	1-7
A48	TEC	8-11
E08	MFGR1	12-16
1	ORG	27-29
2, 3	NSNPN	30-44
4	UI	45-46
5	QTY	47-48
6	COG	49-50
7	PURP	51
8	COND	52
9	MCC	53
11	SUPDAT	54-57
A08	JCNORG	61-63
A11	JCNDAY	64-66

A14	JCNSER	67-69
A17	JCNSUF	70-71
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
12	RECTYP	79-80

8.4.3 Material Issue Correction Record (62)

A material issue correction record is generated when necessary to correct any data previously submitted on RECTYP 60 to COMNAVAIRSYSCOM (AIR-3.3.4) A DD 1348 document will be submitted with 62 recorded in Block V. In addition, a corrected DD 1348 document will be submitted with 60 recorded in Block V. Both documents will be prepared for submission to COMNAVAIRSYSCOM (AIR-3.3.4). The format is identical to RECTYP 60, except that 62 will be the RECTYP.

8.4.4 BCM Component Record (63)

All 63 records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
A22	WUC	1-7
A48	TEC	8-11
E08	MFGR1	12-16
1	ORG	27-29
2, 3	NSNPN	30-44
4	UI	45-46
5	QTY	47-48
6	COG	49-50
7	PURP	51
8	COND	52
9	MCC	53
11	SUPDAT	54-57
A08	JCNORG	61-63
A11	JCNDAY	64-66
A14	JCNSER	67-69
A17	JCNSUF	70-71
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
12	RECTYP	79-80

8.4.5 TDC Material Issue Record (64)

All 64 records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
B	ORG	1-3
8-22	NSNPN	4-18
23-24	UI	19-20
25-29	QTY	21-25

36-39	REQDAT	26-29
40-43	REQNUM	30-33
L, M	JCNORG	34-36
L, M	JCNDAY	37-39
L, M	JCNSER	40-42
L, M	JCNSUF	43-44
N	TEC	45-48
55-56	COG	49-50
57-59	PROJ	51-53
60-61	PRI	54-55
P	WUC	56-62
R	MFGR	63-67
70	PURP	68
71	COND	69
73	MCC	70
BELOW V	SUPDAT	71-74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
V	RECTYP	79-80

8.4.6 Initial Outfitting Issue Record (65)

All 65 records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
B	ORG	1-3
8-22	NSNPN	4-18
23-24	UI	19-20
25-29	QTY	21-25
36-39	REQDAT	26-29
40-43	REQNUM	30-33
L, M	JCNORG	34-36
L, M	JCNDAY	37-39
L, M	JCNSER	40-42
L, M	JCNSUF	43-44
N	TEC	45-48
55-56	COG	49-50
57-59	PROJ	51-53
60-61	PRI	54-55
P	WUC	56-62
R	MFGR	63-67
70	PURP	68
71	COND	69
73	MCC	70
BELOW V	SUPDAT	71-74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
V	RECTYP	79-80

8.4.7 Servmart Record (66)

All 66 records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
B	ORG	1-3
N	TEC	45-48
U	TOTPRC	56-63
BELOW V	SUPDAT	71-74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
V	RECTYP	79-80

8.4.8 Indirect Material Issue Record (67)

All 67 records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
B	ORG	1-3
8-22	NSNPN	4-18
23-24	UI	19-20
25-29	QTY	21-25
36-39	REQDAT	26-29
40-43	REQNUM	30-33
N	TEC	45-48
55-56	COG	49-50
57-59	PROJ	51-53
60-61	PRI	54-55
P	WUC	56-62
R	MFGR	63-67
70	PURP	68
71	COND	69
73	MCC	70
BELOW V	SUPDAT	71-74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
V	RECTYP	79-80

8.4.9 Equipment Master Roster Record (70)

All 70 records at the end of the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

DATA ELEMENT	RECORD POSITION	NOTES
ORG	1-3	
PUC	4-9	1
TEC	10-13	

BU/SERNO	14-19	
DATE	22-25	
TIME	26-29	
INVCDE	30	
METER	31-35	2
CORRCD	74	
DPCODE/SUPORG	75-77	
RECTYP (70)	79-80	

Notes:
1 - Applies only if first position of TEC is equal to A, K, or N.

8.4.10 Monthly Summary Record (79)

A 79 record is prepared for each BU/SERNO accounted for in the equipment master records. These records will be prepared on magnetic media or submitted via SALTS as designated by the cognizant ACC. Records are forwarded to the cognizant ACC no later than 2400 hours on the tenth calendar day of the month following the report month. Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION	NOTES
MASTER RECORD	BU/SERNO	1-6	10
MASTER RECORD	TEC	7-10	10
MASTER RECORD	ORG	11-13	10
MASTER RECORD	PUC	14-19	1, 10
	DATE	20-23	2
	NMC SCH HRS	24-26	3
	NMC UNS HRS	27-29	3
	NMC SUP HRS	30-32	3
	FLT HRS	33-35	4, 8
	NR FLTS	36-38	5, 8
	SHPOPS FLT HRS	39-41	6, 8
	SHPOPS NR FLTS	42-44	7, 8
	SE METER TYPE	33	9, 11
	SE UTILIZATION	34-37	3, 9
	EIS	45-47	3
	EOS	48-50	3
	INVCDE	51	12, 13
	PMC MNT HRS	55-57	3
	PMC SUP HRS	58-60	3
	FMC MNT HRS	61-63	3
	FMC SUP HRS	64-66	3
	SCIR HRS	67-72	3
	CORRCD	74	
	DPCODE/SUPORG	75-77	
	AWAY	78	
	RECTYP	79-80	

Notes:

1 - Blank if first position of TEC is not equal to A, K, or N.
2 - Month and year of accounting period for which data is summarized (in MMYY format).

3 - Chapter 9 contains logic in determining data elements.
4 - FLT HRS = total accumulation of Block 7B-27, 33, and 39 of OPNAV 3710/4 source document rounded to nearest whole number. If total accumulation of FLTHRS is equal to or less than .4, reflect one (1) whole hour.
5 - NR FLTS = total accumulation of Block 7B-44 of OPNAV 3710/4 source document.
6 - SHPOPS FLT HRS = total accumulation of Block 7B-27, 33, and 39 of OPNAV 3710/4 source document, rounded to nearest whole number, when OPS (Block 7B-46) is equal to A or B.
7 - SHPOPS NR FLTS = total TOT FLT (Block 7B-44) of OPNAV 3710/4 source document when OPS (Block 7B-46) is equal to A or B.
8 - Applies only if first position of TEC is equal to A, K, or N.
9 - Applies only if first position of TEC is equal to G, H, or S.
10 - Obtain data from master record.
11 - Obtain data from position 1 of meter in master record.
12 - When INVCDE on equipment master record is equal to 0 (zero), do not produce 79 record for forwarding purposes.
13 - Obtain from equipment master record unless TRCODE of 03 is encountered as the last inventory transaction, then enter 9.

8.4.11 VIDS/MAF Copy 1 and METER Card (Green Copy) A Record

All A records processed during the accounting period, except as noted in paragraph 8.3 b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
A08/20	JCNORG	8-10
A11/20	JCNDAY	11-13
A14/20	JCNSER	14-16
A17/20	JCNSUF	17-18
A19/20	WC	19-21
A22/20	WUC	22-28
A29/20	ORG	29-31
A32/20	TRCODE	32-33
A34/20	ML	34
A35/20	AT1	35
A36/20	MAL1	36-38
A39/20	IP	39-40
A41/20	MHRS	41-44
A45/20	EMT	45-47
A48/20	TEC	48-51
A52/20	BU/SERNO	52-57
A58/20	WD	58
A59/20	TM	59
A60	POS	60-61
A62	FID	62-64
A65	SAFSER	65-68
A69	METER	69-73
DCF	DPCODE/SUPORG	75-77
DCF	AWAY/CORRCD	78

8.4.12 VIDS/MAF Copy 1 and METER Card (Green Copy) B Record

All B records processed during the accounting period, except as noted in paragraph 8.3 b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
B08/20	RECDAT	8-11
B12	RECTIM	12-15
B16	RECEOC	16-18
B19/20	INDAT	19-22
B23	INTIM	23-26
B27	INEOC	27-29
B30/20	COMDAT	30-33
B34	COMTIM	34-37
B38	AWMRS1	38
B39	AWMHR1	39-42
B43	AWMRS2	43
B44	AWMHR2	44-47
B48	AWMRS3	48
B49	AWMHR3	49-52
B53	JS1	53
B54	JSDAT1	54-57
B58	JSTIM1	58-61
B62	JSEOC1	62-64
B65	JS2	65
B66	JSDAT2	66-69
B70	JSTIM2	70-73
B74	JSEOC2	74-77
DCF	CORRCD	78
-	RECTYP B	79

8.4.13 VIDS/MAF Copy 1 C Record

All C records processed during the accounting period, except as noted in paragraph 8.3b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
C08	JS3	8
C09	JSDAT3	9-12
C13	JSTIM3	13-16
C17	JSEOC3	17-19
C20	JS4	20
C21	JSDAT4	21-24
C25	JSTIM4	25-28
C29	JSEOC4	29-31
C32	JS5	32
C33	JSDAT5	33-36
C37	JSTIM5	37-40

C41	JSEOC5	41-43
C44	JS6	44
C45	JSDAT6	45-48
C49	JSTIM6	49-52
C53	JSEOC6	53-55
C56	JS7	56
C57	JSDAT7	57-60
C61	JSTIM7	61-64
C65	JSEOC7	65-67
DCF	CORRCD	78
-	RECTYP C	79

8.4.14 VIDS/MAF Copy 1 D Record

All D records processed during the accounting period, except as noted in paragraph 8.3b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
D08	JS8	8
D09	JSDAT8	9-12
D13	JSTIM8	13-16
D17	JSEOC8	17-19
DCF	CORRCD	78
-	RECTYP D	79

8.4.15 VIDS/MAF Copy 1 and METER Card (Green Copy) E Record

All E records processed during the accounting period, except as noted in paragraph 8.3b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
E08/3	MFGR1	8-12
E13/4	SER1	13-22
E23/1	PART1	23-37
E38/20	DATREM	38-41
E42	TIMCY1	42-46
E47	TIMCY2	47-51
E52	TIMCY3	52-56
DCF	CORRCD	78
-	RECTYP E	79

8.4.16 VIDS/MAF Copy 1 F Record

All F records processed during the accounting period, except as noted in paragraph 8.3b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
F08	INTIND	8
F09	TDCODE	9-10
F11	TDC BAS	11-14
F15	TDC REV	15
F16	TDC AMD	16
F17	TDC PRT	17-18
F19	TDC KIT	19-20
F21	INVCDE	21
F22	PUC	22-27
DCF	CORRCD	78
-	RECTYP F	79

8.4.17 VIDS/MAF Copy 1 G Record

All G records processed during the accounting period, except as noted in paragraph 8.3b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
G08	MFGR2	8-12
G13	SER2	13-22
G23	PART2	23-37
G38	TIMCY4	38-42
G43	TIMCY5	43-47
G48	TIMCY6	48-52
DCF	CORRCD	78
-	RECTYP G	79

8.4.18 VIDS/MAF Copy 1 H-Z Record

All H-Z records processed during the accounting period, except as noted in paragraph 8.3b(3) will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
TOP OF FORM	DOCNUM	1-7
H-Z08	FPIND	8
H-Z09	AWPIND	9
H-Z10	AT2	10
H-Z11	MAL2	11-13
H-Z14	MFGR3	14-18
H-Z19	PART3	19-33
H-Z34	REFSYM	34-40
H-Z41	QTY	41-42
H-Z43	PRI	43-44
H-Z45	DATORD	45-48
H-Z49	REQNUM	49-52
H-Z53	DATREC	53-56

DCF	CORRCD	78
H-Z79	INDEX (RECTYP)	79

8.4.19 Naval Aircraft Flight Record (7B)

All 7B records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4.) Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
NO.	DOCNUM	1-7
PAGE	PAGENR	8
TOTAL PAGE(S)	TPAGES	9
7B-10	EXCD	10
7B-11	BUNO	11-16
7B-17	TEC	17-20
7B-21	ORG	21-23
7B-24	MSN1	24-26
7B-27	HRS1	27-29
7B-30	MSN2	30-32
7B-33	HRS2	33-35
7B-36	MSN3	36-38
7B-39	HRS3	39-41
7B-42	SUPTCD	42-43
7B-44	TOTFLT	44-45
7B-46	OPS	46
7B-47	CJ	47-48
7B-49	MISNUM	49-57
	PUC	58-63
	NAMSO EMR ERROR FLAG	74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
7B-79	RECTYP	79-80

8.4.20 Naval Aircraft Flight Record (7C)

All 7C records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
NO.	DOCNUM	1-7
PAGE	PAGENR	8
7C-9	LINE	9
7C-10	EXCD	10
7C-11	FSTINT	11
7C-12	LSTINT	12
7C-13	SSN	13-21
7C-22	SPQUAL	22
7C-23	SVC	23
7C-24	FPT	24-26

7C-27	CPT	27-29
7C-30	SCT	30-32
7C-33	ACT	33-35
7C-36	SIM	36-38
7C-39	NIGHT	39-41
7C-42	TLNDG1	42
7C-43	NLNDG1	43-44
7C-45	TLNDG2	45
7C-46	NLNDG2	46
7C-47	TLNDG3	47
7C-48	NLNDG3	48
7C-49	TLNDG4	49
7C-50	NLNDG4	50
7C-51	TAPP1	51
7C-52	NAPP1	52
7C-53	TAPP2	53
7C-54	NAPP2	54
7C-55	TAPP3	55
7C-56	NAPP3	56
7C-57	TAPP4	57
7C-58	NAPP4	58
7C-59	TRACD1	59-61
7C-62	TRACD2	62-64
7C-65	TRACD3	65-67
	NAMSO IMR ERROR FLAG	74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
7C-79	RECTYP	79-80

8.4.21 Naval Aircraft Flight Record (7D)

All 7D records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
NO.	DOCNUM	1-7
7B-17	SYLLAB	8-11
7B-21	ORG	12-14
7C-10	EXCD	15
7C-11	FSTINT	16
7C-12	LSTINT	17
7C-13	SSN	18-26
7C-23	SVC	27
7E-16	DATE	28-31
7E-29	ASC	32
7E-33	SSC	33
7D-34	NAME	34-47
7D-48	GRADE	48-49
7D-50	NATOPS	50-53
7D-54	MED	54-57

7D-58	INST	58-61
7D-62	WATER	62-65
7D-66	PHYSIO	66-69
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
7D-79	RECTYP	79-80

8.4.22 Naval Aircraft Flight Record (7E)

All 7E records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
NO.	DOCNUM	1-7
PAGE	PAGENR	8
7E-9	LEGNR	9
7E-10	EXCD	10
7E-11	TMZONE	11
7E-12	TIMDEP	12-15
7E-16	DTEDEP	16-19
7E-20	ICAODP	20-23
7E-37	PRI1	37-39
7E-40	PRI2	40-42
7E-43	PRI3	43-45
7E-46	PRI4	46-48
7E-49	PRI5	49-51
7E-52	CPCRGO	52-56
7E-57	OPPAX	57-59
7E-60	OPCRGO	60-64
7E-65	OPCCD1	65
7E-66	OPCCD2	66
7E-67	MAXPAX	67-69
7E-70	MAXCGO	70-74
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
7E-79	RECTYP	79-80

8.4.23 Naval Aircraft Flight Record (7F)

All 7F records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
NO.	DOCNUM	1-7
PAGE	PAGENR	8
7F-9	LEGNR	9
7F-10	EXCD	10
7F-12	TIMARR	12-15
7F-16	DTEARR	16-19
7F-20	ICAOAR	20-23

7F-24	SS	24
7F-25	DIST	25-28
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
7F-79	RECTYP	79-80

8.4.24 Naval Aircraft Flight Record (7G)

All 7G records processed during the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION
NO.	DOCNUM	1-7
PAGE	PAGENR	8
7G-9	LINE	9
7G-10	EXCD	10
7G-11	LINENR	11
7G-12	TNGAR1	12-18
7G-19	TNGHR1	19-20
7G-21	TNGAR2	21-27
7G-28	TNGHR2	28-29
7G-30	ORD1	30-33
7G-34	DEL1	34-35
7G-36	RUNS1	36-37
7G-38	SCORE1	38-40
7G-41	ORD2	41-44
7G-45	DEL2	45-46
7G-47	RUNS2	47-48
7G-49	SCORE2	49-51
7G-52	ORD3	52-55
7G-56	DEL3	56-57
7G-58	RUNS3	58-59
7G-60	SCORE3	60-62
7G-63	CD1	63-64
7G-65	DATA1	65-67
7G-68	CD2	68-69
7G-70	DATA2	70-72
DCF	DPCODE/SUPORG	75-77
DCF	AWAY	78
7G-79	RECTYP	79-80

8.4.25 Individual Master Roster Record (7Z)

All 7Z records at the end of the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

DATA ELEMENT	RECORD POSITION	NOTES
ORG	1-3	
NAME	4-17	1
FSTINT	18	

GRADE	19-20
SSN	21-29
SVC	30
HRS	31-34
NATOPS	35-38
MED	39-42
INST	43-46
WATER	47-50
PHYSIO	51-54
ASC	55
SSC	56
SYLLAB	57-60
RPDATE	61-64
DPCODE/SUPORG	75-77
RECTYP	79-80

Note:

1 - Data element may include special characters, for example, blanks, -,'.

8.4.26 Correction/Deletion Record (CR/DR) (NAVFLIRS ONLY)

All CR/DRs processed at the end of the accounting period will be forwarded to COMNAVAIRSYSCOM (AIR-3.3.4). Format is as follows:

SOURCE DOCUMENT BLOCK NUMBER	DATA ELEMENT	RECORD POSITION	NOTES
	ORG	1-3	
	BU/SERNO	8-13	
	SSN	8-16	1
	DATA SOURCE	24-26	
	CORRECTED DATA	28-42	
	SERIAL NUMBER	43-49	2
	AWAY	50	
	DPCODE/SUPORG	51-53	
	PAGENR	65	3
	LINE/LEGNR	66	3
	DOCNUM	67-73	
	SOURCE RECTYP	76-77	
	RECTYP	79-80	

Notes:

1 - Data element will be entered for RECTYP 7D only.
2 - Computer generated, CC 43-45 will reflect the Julian day the record entered the system and CC 46-49 will be assigned sequentially from 0001-9999.
3 - Data element will be entered for RECTYPs 7C, 7E, 7F, or 7G only.

5 JUN 04

MEMORANDUM

FROM: USS DWIGHT D. EISENHOWER (CVN-69)
FPO AE 09532-2830
TO: COMMANDER
ATTN AIR-3.3.4
NAVAL AIR SYSTEMS COMMAND
47060 MCLEOD ROAD UNIT 8
PATUXENT RIVER MD 20670-1626

SUBJ: SUBMISSION OF AVIATION 3M DATA

REF: (a) COMNAVAIRFORINST 4790.2

ENCL: (1) 3M DATA

1. ENCLOSURE (1) IS FORWARDED TO YOUR ACTIVITY THIS DATE PER REFERENCE (A). THE RECORDS REFLECT TRANSACTIONS WHICH OCCURED DURING THE REPORTING PERIOD ENDING 30 MAY 04.

2. RECORD COUNTS ARE AS FOLLOWS:

TYPE	COUNT	
60-67	18273	MEDIA TYPE:
70	936	
A-Z	24978	TRACK SIZE:
7B-7G	2337	
7Z	212	DENSITY
CORR	46	
TOTAL	46782	

_____
SIGNATURE

Figure 8-1: COMNAVAIRSYSCOM (AIR-3.3.4) MDS Data Transmittal Letter

8 JUN 04

MEMORANDUM

From: (Reporting Organization)
To: (NALCOMIS Data Collection System Center)

Subj: REQUEST FOR DATABASE TRANSFER

Ref: (a) COMNAVAIRFORINST 4790.2

1. Per reference (a), the following information is furnished to effect the transfer of 3M data to another NDCSC.

Organization code of activity being transferred:_____

Effective date of transfer:_____

NDCSC data will be transferred to:_____

2. Point of contact:_____

_____
Signature

Figure 8-2: Notification of Transfer (Sample Format)

14 JUN 04

MEMORANDUM

From: (Reporting Organization)
To: (NALCOMIS Data Collection System Center)

Subj: REQUEST FOR INDIVIDUAL'S TRANSFER

Ref: (a) COMNAVAIRFORINST 4790.2

1. Per reference (a), the following information is furnished to effect the individual's transfer from the current geographical area.

Name of individual being transferred:_____

SSN of individual being transferred:_____

Effective date of transfer:_____

_____
Signature

FOR OFFICIAL USE ONLY (When filled in)

Figure 8-3: Notification of Individual's Transfer (Sample Format)

CHAPTER 9 - Subsystem Capability and Impact Reporting

Table of Contents

Paragraph	Subject	Page
9.1	System Rules and Specifications	9-1
9.2	Construction of the Data Matrix	9-1
9.3	Summarization and Weighing	9-4
9.4	Output Products	9-6
9.4.1	Calculating Equipment Discrepancy and Utilization for the SCIR-3	9-6
9.4.2	Calculating Equipment Capability for the SCIR-4	9-8
9.4.3	Calculating Equipment Mission Capability Summary Report for the SCIR-5-1	9-10
9.4.4	Calculating Equipment Mission Capability for the SCIR-5-2	9-10
9.4.5	Calculating Mission and Maintenance Data for the SCIR-5-3	9-11
9.5	Processing Rules	9-11

List of Illustrations

Figure	Title	Page
9-1	Bin Loading Example Chart A	9-13
9-2	Bin Loading Example Chart B	9-14

CHAPTER 9 - Subsystem Capability and Impact Reporting

9.1 System Rules and Specifications

Several methods can be used to process SCIR data to produce SCIR-3, SCIR-4, SCIR-5-1, SCIR-5-2, and SCIR-5-3 reports. However, the method selected must be capable of complying with the fundamental philosophy of the SCIR concept which is the recreation, within the computer, of the real life situation which an activity experienced during the month being processed. This chapter describes but one method by which SCIR data may be processed to achieve the objective of SCIR. It is divided into four sections: (1) Construction of the Data Matrix, (2) Summarization and Weighing, (3) Output Products, and (4) Processing Rules.

9.2 Construction of the Data Matrix

a. Construction of Data Bins. In order to recreate the situation which existed within the activity for a given month, all maintenance actions which were SCIR related, such as, had valid EOC codes assigned, are loaded, by BU/SERNO into data bins. An example of six bins for a reporting month follows:

BIN-1				BIN-2				BIN-3				BIN-4				BIN-5				BIN-6			
M	S	U	S	M	S	U	S	M	S	U	S	M	S	U	S	M	S	U	S	M	S	U	S
I	U	N	C	I	U	N	C	I	U	N	C	I	U	N	C	I	U	N	C	I	U	N	C
S	P	S	H	S	P	S	H	S	P	S	H	S	P	S	H	S	P	S	H	S	P	S	H

One one-half hour bin is required for each half hour of the month (1488 bins for a 31 day month, 1440 bins for a 30 day month, 1392 bins for a 29 day month, and 1344 bins for a 28 day month). The bins should be numbered 1 - 1488 for a 31 day month. Each bin must provide for loading of four characters as described in the following paragraphs.

(1) Mission Code - The first position of an EOC code.

(2) Supply Count - Identified by a S in the Job Status Block.

(3) Unscheduled Maintenance Count - Identified by a valid EOC code and meets one of the following:

(a) 1st position of EOC code is in the range of B-H, J-L, or W-Y.

(b) 1st position of EOC code is Z and 2nd and 3rd positions are numeric and in the range of 11-99.

(c) 1st position of EOC code is Z and 2nd and 3rd positions are 03 and TM is E or S.

(4) Scheduled Maintenance Count - Identified by a valid EOC code when the first position of EOC code is Z and meets one of the following:

(a) 2nd and 3rd position of EOC code is 04.

(b) 2nd and 3rd position of EOC code is 03 and TM is not E or S.

b. Sequence of SCIR Data. In order to properly load data bins, sequencing of data is of primary importance. Criteria for proper sequencing is as follows:

(1) Extraction of Inventory Transactions. All inventory transactions (VIDS/MAF Copy 1 TRCODEs 00, 02, 03, and master records) within BU/SERNO have to be selected and arranged by date/time (Blocks B30-B34). Inventory Code must be valid (A or in range 1-8) and first position of TEC must be A, K, or N.

(2) Extraction of SCIR data. The technique and rules used to extract SCIR data are as follows:

(a) Record selection criteria for generation of SCIR reports are as follows:

1) VIDS/MAF Copy 1 TRCODE must equal 11, 12, 14, 15, 16, 17, 18, 19, 21, 23, 24, 25, 41, 47, or 72. OOMA includes TRCODE 20.

2) NAVFLIRS Record Type 7B records are selected for SCIR-3 processing when FLTHRS and TOTFLTS are valid (according to VALSPECS).

(b) The entire VIDS/MAF Copy 1 will not be selected for SCIR purposes with an error (according to VAL SPECs) in any of the repair cycle (Blocks B08-B34) or maintenance/supply records (Blocks B53-D17); additionally, VIDS/MAF Copy 1s will not be selected for the SCIR-5-1 or SCIR-5-2 if errors are found in AWM (Blocks B38-B49) or EMT (Block A45).

(c) Events. An event is a line of coding from the repair cycle and maintenance/supply record of the VIDS/MAF Copy 1 consisting of job status, date, time, and EOC code. A SCIR related event is an event with a valid EOC code documented. A valid EOC code is one where the first position is in the range of B-H, J-L, or W-Z.

(d) Gripe Life (GL). Gripe Life is the period of time between date/time received (Blocks B08, B12) and date/time completed (Blocks B30, B34). SCIR Gripe Life (GLs), however, is the accumulation of time for only those SCIR related events within total GL.

(e) SCIR Sequence. SCIR data must be examined within the proper sequence of events. The proper sequence being received (Block B16), in work (Block B27), 1st through 8th events (Blocks B62-D17), and completed (Blocks B30/B34).

(f) SCIR Event Eligibility. Only SCIR related events will be considered for extracting data when loading the data bins. The following criteria are used for determining SCIR related eligibility.

1) If more than one SCIR related event is found to have equal date and time, only the last event of a group of equals will be considered eligible for loading into the data base.

2) While examining events in the sequence specified above, if the completed date is reached prior to finding a valid EOC code, SCIR data will not be extracted for that VIDS/MAF Copy 1.

3) If any event is 14 minutes or less, the event will be ignored.

4) If job status is S and the event is one hour or less in length, assume job status to be M for SCIR purposes.

(g) Event Begin Date and Time. The beginning of a SCIR related event will be the actual documented date and time.

(h) Event End Date and Time. The ending of a SCIR related event is the actual documented date and time of the following event (regardless of its SCIR relationship).

c. Loading the Data Bins. The first step in loading the data bins is to identify the proper bin for storage of the applicable data elements. The following paragraph shows one method to accomplish proper bin selection. Other methods may prove to be more effective.

(1) Calculating Bin Numbers. A begin bin number and an end bin number must be calculated to represent the job status from beginning to end. The EOC code will be maintained for each period to be used to define entries into the 1488 bin table. The period of a job status is from one job status with the hours not zero, to the next job status date/time or completion date/time. Prior to calculating the bin number, the dates should be converted to a Gregorian date (YYMMDD). The time is already in hours and minutes (HHMM).

(a) Convert the beginning date/time of each job status period to minutes and divide by 30 minutes to result with the begin bin number as follows: (convert to whole number by dropping decimal portion of result).

$$\text{BEGIN BIN NUMBER} = \frac{\text{BEGIN MINUTES}}{30} = \frac{(DD-1)\ 1440 + 60HH + MM}{30}$$

DD - DD portion of Gregorian date
HH - HH portion of TIME
MM - MM portion of TIME

(b) Convert the ending date/time of the job status period to minutes (do not divide by 30) using the same formula used in finding the minutes to calculate begin bin number. The result is end minutes as a whole number.

(c) Subtract the begin minutes obtained in computing the begin bin from the end minutes. Divide this result by 30 minutes which is the number of bins in the job status period. Carry the quotient result to one decimal and round to a whole number.

(d) If the number of bins in the job status period is zero, do not process this interval; otherwise, add it to the begin bin to get the end bin. After computing the end bin add one to the begin bin before proceeding.

(2) Code Preference. When loading data bins with inventory/SCIR related event data, the following criteria will be used in determining order of precedence for "miss" code selection:

(a) Inventory Codes A and 1-9 have equal value and will replace each other.

(b) EOC Codes B-Z have priority in ascending order; for example, Z replaces Y, Y replaces X, X replaces W.

(c) Any EOC code will replace an Inventory Code of A but cannot replace 1-9.

(3) Loading Master Records. The first data to be loaded into the data bins will be from the master record for the accounting period being processed. The Inventory Code of the master record will be loaded into the "miss" portion of each data bin.

(4) Loading Inventory Transactions. After selection and sequencing of all inventory transactions has been accomplished and only after the master record has been loaded, inventory transactions may be loaded. Inventory transactions must be loaded, starting with the first date/time and ending with the last date/time. By applying the data from the completed date/time to the formula, the bin number for the inventory transaction can be identified. For the purpose of the formula, completed date/time will be considered begin date/time. Load the Inventory Code into the "miss" portion of the bin calculated, and all

subsequent bins for the accounting period. This procedure will be repeated for each inventory transaction submitted during the accounting period.

NOTE: If the TRCODE is 03, load Inventory Code 9 regardless of the code documented on the inventory transaction.

(5) Loading SCIR Related Events. Only after the inventory data has been loaded can the loading of SCIR related events be considered. Applying one SCIR related event at a time the bins can be loaded by the following criteria:

(a) First determine which data bins should be loaded. This is accomplished by applying the event begin date/time and the event end date/time to the formula. This will give the beginning and ending bin numbers to be loaded. All other bins which fall within that range will be loaded.

(b) Secondly determine, bin by bin, if data is to be loaded. This is accomplished by applying the EOC code to the precedence criteria.

1) If the "miss" portion of the data bin already contains a numeric inventory code, that bin will not be loaded.

2) If the "miss" portion of the data bin already contains an inventory code of A, the event EOC code replaces the A.

3) If the "miss" portion of the data bin already contains an EOC code of greater value, than the event being considered, the event will be ignored for that bin.

4) If the "miss" portion of the data bin already contains an EOC code of lesser value than the event being considered, the event EOC code will replace the code already present. All SUP, UNS, and SCH counts will be cleared and depending on job status and last two positions of the EOC code, a count of 1 will be added to the SUP, UNS, or SCH counts as applicable.

5) If the "miss" portion of the data bin already contains an EOC code of equal value to the event being considered, the "miss" portion of the bin will remain the same. A 1 however, will be added to the SUP, UNS, or SCH counts based on the criteria. When the SUP, UNS, or SCH reaches 9 no further addition is required unless the "miss" changes and the previous counts are cleared.

(c) The following paragraph shows an example of how the data bins are loaded.

9.3 Summarization and Weighing

a. General. Once all SCIR related records have been validated they must be read into the data bins constructed in paragraph 9.2. Figures 9-1 and 9-2 illustrate the technique used and the loading of each half hour data bin using five maintenance records and one inventory transaction. Figure 9-1 indicates records sequenced and arrayed chronologically by Julian date. Figure 9-2 indicates a line-by-line accumulation of each half hour bin from Figure 9-1. The following questions can therefore be answered:

(1) What was the total number of hours each BU/SERNO was AWM, by reason code, during the month?

(2) What was the total number of discrepancy hours that each equipment was not available and was the reason maintenance or supply?

(3) What was the highest mission/function availability of the equipment during the month?

b. Summarizing and Weighing the Bins. The following paragraphs explain the bin technique used to identify the specific capability the equipment was capable of, during each half hour of the month being processed. . Figures 9-1 and 9-2 are examples of this technique.

(1) Bin 1. The loading of bin 1, per Figures 9-1 and 9-2, is described below:

(a) Line 1 - Figure 9-1, first record, first event, displays an EOC code of B15 and job status of M. Since this is the first event of the first record, bin 1 will contain Mission Code B with a count of one for unscheduled maintenance. The result is shown in Figure 9-2, line 1, bin 1.

(b) Line 2 - Figure 9-1, second record, first event, displays an EOC code of B14 and job status of M. Since the Mission Code in bin 1 is already B, this event will not replace it. However, the numeric positions and the job status of the EOC code must be considered. Since the EOC code does not meet the criteria for scheduled maintenance and the job status is M, this event will cause the accumulation of two for unscheduled maintenance in the bin. The result is shown in Figure 9-2, line 2, bin 1.

(c) Line 3 - Figure 9-1, third record, first event, will be considered for bin 1. The result is shown in Figure 9-2, line 3, bin 1.

(d) Total Line - Since no further records/events are to be considered, the final accumulated result of bin 1 is shown in Figure 9-2, total line.

(2) Bin 2. The loading of bin 2, per Figures 9-1 and 9-2, is described below.

(a) Line 1 - Figure 9-1, first record, second event, displays an EOC code of B15 and job status of M. Since this is the first event to be loaded into bin 2, the bin will contain Mission Code B with a count of one for unscheduled maintenance. The result is shown in Figure 9-2, line 1, bin 2.

(b) Line 2 - Figure 9-1, second record, second event, displays an EOC code of Z97 and job status of M. Since bin 2 contains a Mission Code, entered as a result of a prior event, Mission Code Z must be compared with the Mission Code previously loaded in bin 2. Therefore, Mission Code Z, being more degrading than Mission Code B, will replace Mission Code B and all related counts for supply, unscheduled/scheduled maintenance contained in the bin. Bin 2 will now be loaded with EOC code Z97 and job status of M. Once loaded, the bin will contain a Mission Code Z with a count of one for unscheduled maintenance. The result is shown in Figure 9-2, line 2, bin 2.

(c) Line 3 - Figure 9-1, third record, second event, displays an EOC code of B17 and job status of M. Upon comparing Mission Code B with the Mission Code previously loaded in bin 2, it is noted that this event is not more degrading, therefore ignored. The result is shown in Figure 9-2, line 3, bin 2.

(d) Total Line - Since no further records/events are to be considered, the final accumulated result of bin 2 is shown in Figure 9-2, total line.

(3) Bin 3. The loading of bin 3, per Figures 9-1 and 9-2, is described below.

(a) Line 1 - Figure 9-1, first record, third event, displays an EOC code of B15 and job status of M. Since this is the first event to be loaded into bin 3, the bin will contain Mission Code B with a count of one for unscheduled maintenance. The result is shown in Figure 9-2, line 1, bin 3.

(b) Line 2 - Figure 9-1, second record, third event, displays an EOC code of Z97 and a job status of S. Since bin 3 contains a Mission Code, entered as a result of a prior event, Mission Code Z must be compared with the Mission Code previously loaded in bin 3. Therefore, Mission Code Z, being more degrading than Mission Code B, will replace Mission Code B and all related counts for supply,

unscheduled/scheduled maintenance contained in the bin. Bin 3 will now be loaded with EOC code of Z97 and job status of S. Once loaded, the bin will contain a Mission Code Z with a count of one for supply. The result is shown in Figure 9-2, line 2, bin 3.

(c) Line 3 - Figure 9-1, third record, third event, displays an EOC code of B17 and job status of S. Upon comparing Mission Code B with the Mission Code previously loaded in bin 3, it is noted that this event is not more degrading, therefore ignored. The result is shown in Figure 9-2, line 3, bin 3.

(d) Line 4 - Figure 9-1, fourth record, first event, displays an EOC code of Z03, TM of G and job status of M. Since the Mission Code in bin 3 is already Z, this event will not replace it. However, the numeric positions and job status of the EOC code must be considered. Since the EOC code meets the criteria for scheduled maintenance and the job status is M, a count of one for scheduled maintenance must be added to the bin. The result is shown in Figure 9-2, line 4, bin 3.

(e) Line 5 - Figure 9-1, fifth record, first event, displays an EOC code of D41 and job status of M. Upon comparing Mission Code D with the Mission Code previously loaded in bin 3, it is noted that this event is not more degrading, therefore ignored. The result is shown in Figure 9-2, line 5, bin 3.

(f) Total line - since no further records/events are to be considered, the final accumulated result of bin 3 is shown in Figure 9-2, total line.

(4) The remaining bins, in Figures 9-1 and 9-2, will be loaded using the same logic as described above. Bin 7 will be loaded with the Inventory Transaction Status Code 3 for the remainder of the month or until an inventory transaction replaces it. The result of applying an Inventory Transaction Code is shown in Figure 9-2, total line, bin 7.

NOTE: For illustration purposes, the inventory transaction was shown last. When actually loading the data bins, all inventory transactions are applied first.

9.4 Output Products

General. The SCIR output products are designed for local level managers and are to be prepared at the end of each month. Some of the data required to produce these reports will be summarized for the generation of 79 records.

9.4.1 Calculating Equipment Discrepancy and Utilization for the SCIR-3

a. This report is designed to reflect, by BU/SERNO, the total number of discrepancy hours limiting the equipment from performing its assigned primary mission/function during the month. The SCIR-3 also denotes the equipment's utilization, by BU/SERNO, during the month. In order to determine the limiting (worst thing wrong) discrepancies during a half hour period the bin technique, discussed in paragraph 9.3, must be used. Although there are various methods in calculating this report, the bin loading technique, discussed in paragraph 9.3, will be used to explain the calculations required of the SCIR-3. Chapter 7 contains an example of the report format.

b. Calculating Discrepancy Hours. Once all data bins have been loaded, as described in paragraph 9.3, calculations may be made to produce the discrepancy hours portion of the SCIR-3.

(1) Mission Status Count:

A - Total of all status counts for a Mission Code.
C - Total of one status count for a Mission Code.
H - Total hours for a Mission Code.

$\frac{H(C)}{A}$ - Hours Applied to each mission status

Example

MISSZ	SUP	UNS	SCH
	10	30	

This is the sum of 14 bins during a reporting period with Mission Code Z.

$\frac{7.0\ (10)}{45}$ = 1.555 Hours for status SUP

$\frac{7.0\ (30)}{45}$ = 4.666 Hours for status UNS

$\frac{7.0\ (5)}{45}$ = .777 Hours for status SCH

(2) Each calculation will be carried to three decimal places with no rounding. All hour accumulations will be rounded and printed to the nearest whole hour.

(3) The formula must be applied to each Mission Code, for a BU/SERNO, prior to accumulating equipment discrepancy hours.

c. Accumulation of Equipment Discrepancy Hours. The following procedures will be used to generate discrepancy hours.

(1) FMC MNT HRS is the total accumulation of hours, for a BU/SERNO, with a Mission Code of B and status of UNS.

(2) FMC SUP HRS is the total accumulation of hours, for a BU/SERNO, with a Mission Code of B and status of SUP.

(3) PMC MNT HRS is the total accumulation of hours, for a BU/SERNO, with Mission Codes of C-L and status of UNS.

(4) PMC SUP HRS is the total accumulation of hours, for a BU/SERNO, with Mission Codes of C-L and status of SUP.

(5) NMC SCH HRS is the total accumulation of hours, for a BU/SERNO, with a Mission Code of Z and status of SCH.

(6) NMC UNS HRS is the total accumulation of hours, for a BU/SERNO, with Mission Codes of W-Z and status of UNS.

(7) NMC SUP HRS is the total accumulation of hours, for a BU/SERNO with Mission Codes of W-Z and status of SUP.

d. Calculating EIS and EOS Hours. The following procedures will be used to generate the EIS and EOS hours.

(1) Select all VIDS/MAF Copy 1s with TRCODEs 00, 02, and 03 for each BU/SERNO submitted during the month, including the master record. Arrange these transactions, chronologically, by Julian date and time.

(2) The completed date/time (Blocks B30 and B34) will be used for the begin date and time of each inventory transaction. The completed date/time of the next inventory transaction will be used to generate the end time of the previous inventory transaction. The last Julian date (as of 2400) for the month, will generate the end date/time of the last inventory transaction.

(3) The applicable elapsed time will be determined by finding the difference between begin and end times of each inventory transaction. By accumulating these elapsed times, EIS and EOS can be determined as follows:

EIS = The total elapsed time for all Inventory Codes A.
EOS = The total elapsed time for all Inventory Codes 1-8.

e. Equipment Utilization (EQUIPUTL) Hours. If position 1 of TEC is equal to G, H, or S, position 1 of meter (master record) will be printed in the left most position of the field. Positions 2-5 will be the result of meter (POS 2-5) of the last VIDS/MAF Copy 1 submitted minus the meter (POS 2-5) of the master record. COMDAT/COMTIM will be used to determine the last VIDS/MAF Copy 1 submitted. If no VIDS/MAF Copy 1s were submitted with meter entries during accounting period, zero fill if result of subtraction is negative, complement the results.

f. Flight Hours (FLTHRS). These hours are generated by accumulating all entries for a BU/SERNO, from HRS1, HRS2, and HRS3 (Blocks 7B-27, 33 and 39) of the applicable Naval Aircraft Flight Records (OPNAV 3710/4). Totals are to be accumulated in tenths of hours and rounded to the nearest whole hour when printing.

g. Total Flights (TOTFLT). Total flights are generated by accumulating all entries for a BUNO, from TOTFLT (Block 7B-44) of the applicable Naval Aircraft Flight Records (OPNAV 3710/4) during the accounting period.

h. Total SCIR HRS (TOTSCIRHRS). These hours are the accumulation of all SCIR related gripe life hours extracted from the VIDS/MAF Copy 1 maintenance actions, by BU/SERNO, for the accounting period. Paragraph 9.5 contains the rules for determining the gripe life hours for each SCIR related record. These hours are accumulated based on the computed BEGINBIN and ENDBIN for each event.

9.4.2 Calculating Equipment Capability for the SCIR-4

a. This report is designed to reflect, by BU/SERNO, an equipment's capability to perform its assigned missions or functions during a reporting period. This report may be used in conjunction with the SCIR-3 in determining the contributing hours and conditions (maintenance/supply) limiting an equipment's capability to perform these assigned primary missions or functions. Although there are various methods in calculating an equipment's capability, the bin loading technique, discussed in paragraph 9.3, will be used to explain the calculations required of the SCIR-4. Chapter 7 contains an example of the report format.

b. Calculating Capability Percentages. Once all data bins have been loaded, as described in paragraph 9.3, calculations may be made to produce the SCIR-4. The following paragraphs provide the details for determining mission capability percentages.

(1) FMC A is the difference between the EIS hours for that BU/SERNO and the total mission capable hours for all EOCs (B-Z) divided by the EIS hours for that BU/SERNO. The result is multiplied by 100.

$$A\% = 100 \frac{\text{(EIS HRS - B through Z HRS)}}{\text{EIS HRS}}$$

(2) FMC B is the total B mission capable hours for that BU/SERNO divided by the EIS hours for that BU/SERNO. The result is multiplied by 100.

$$B\% = 100 \frac{\text{(B HRS)}}{\text{(EIS HRS)}}$$

(3) The remainder of the Mission Codes, C-L, and W-Z will be calculated as in paragraph 9.4.3c.

c. Calculating EIS, EOS, and EAH. The following procedures will be used to generate the EIS, EOS, and EAH.

(1) Select all VIDS/MAF Copy 1s with TRCODEs 00, 02, and 03 for each BU/SERNO submitted during the month, including the master record. Arrange these transactions, chronologically, by Julian date and time.

(2) The completed date/time (Blocks B30 and B34) will be used for the begin date and time of each inventory transaction. The completed date/time of the next inventory transaction will be used to generate the EOS and EAH.

(3) The completed date/time (Blocks B30 and B34) will be used for the begin date and time of each inventory transaction. The completed date/time of the next inventory transaction will generate the end date/time of the previous inventory transaction. The last Julian date (as of 2400) for the month, will generate the end date/time of the last inventory transaction.

(4) The applicable elapsed time may be determined by finding the difference between begin and end times of each inventory transaction. By accumulating these elapsed times, EIS, EOS, and EAH can be determined as follows:

EOS = The total elapsed time for all Inventory Codes 1-8.
EIS = The total elapsed time for all Inventory Codes A.
EAH = The sum of EIS and EOS hours.

d. Calculating the Average Equipment Capability (AVG). The following procedures will be used to generate the average mission capability, by TEC, for the reporting period.

(1) Total all related hours for each Mission Code, by TEC, and divide this sum by the total EIS hours for that equipment. The result is then multiplied by 100.

$$AVG\% = 100 \frac{\text{(EQUIP MISSION CODE HRS)}}{\text{(EIS HRS)}}$$

(2) Apply the above formula to the sum of each Mission Code containing any contributing hours.

e. Calculating FMC, PMC, and NMC Hours and Percentages. The following procedures will be used for generating FMC, PMC, and NMC hours and percentages.

(1) FMC HRS = The total accumulated hours, for an equipment, with Mission Codes A and B. This sum is rounded and printed in whole hours.

(2) FMC % = FMC HRS divided by total EIS hours. The result multiplied by 100, carried to three decimal places and rounded to one.

(3) PMC HRS = The total accumulated hours, for an equipment, with Mission Codes C-L. This sum is rounded and printed in whole hours.

(4) PMC % = PMC HRS divided by total EIS hours. The result multiplied by 100, carried to three decimal places and rounded to one.

(5) NMC HRS = The total accumulated hours, for an equipment, with Mission Codes W-Z. This sum is rounded and printed in whole hours.

(6) NMC % = NMC HRS divided by total EIS hours. The result multiplied by 100, carried to three decimal places and rounded to one.

f. Total EIS, EOS, and EAH. These hours are the accumulated sum, for the TEC, by each value of the associated BU/SERNO.

9.4.3 Calculating Equipment Mission Capability Summary Report for the SCIR-5-1

a. This report is designed to reflect SCIR hours by Mission Category and AWM hours by Reason Codes, summarized for a given EOC and associated WUC, within TEC and ORG. Chapter 7 contains an example of the report format. The technique discussed in paragraph 9.3 is not used in producing this report since all SCIR related records are used in computing this report.

b. Extraction of SCIR Data. The technique and rules used to extract SCIR data from the VIDS/MAF Copy 1 are in paragraph 9.2b(2)(b).

c. Calculation of SCIR Data. Once the extraction of SCIR related data is complete, TOTSCIRHRS will be computed, summarized and sorted by EOC and associated WUC within each status of SUP, UNS and SCH for each Mission Code.

d. Extraction of AWM Hours. AWM hours will be extracted when SCIR related data is extracted. Those events not SCIR related will be ignored.

e. AWM Calculations. The following calculation will be used to generate AWM for the SCIR-5-1:

(1) AWM (Blocks B38-B49) will be applied to the first encountered valid EOC on the VIDS/MAF Copy 1 by Reason Code and hours on the detail line of the report.

(2) AWM Reason Code 0 (AWM_c) is calculated. Refer to paragraph 9.5, Processing Rules for calculating AWM 0.

9.4.4 Calculating Equipment Mission Capability for the SCIR-5-2

a. This report is designed to reflect SCIR hours by Mission Category and AWM hours by Reason Codes, summarized for a given EOC and associated WUC for each BU/SERNO within TEC and ORG. Chapter 7 contains an example of the report format. The technique discussed in paragraph 9.3 is not used in producing this report since all SCIR related records are used in computing this report.

b. Extraction of SCIR Data. The technique and rules used to extract SCIR data from the VIDS/MAF Copy 1 are in paragraph 9.2b(2)(b).

c. Calculation of SCIR Data. Once the extraction of SCIR related data is complete, TOTSCIRHRS will be computed, summarized and sorted for each BU/SERNO by EOC and associated WUC within each status of SUP, UNS, and SCH for each Mission Code.

d. Extraction of AWM Hours. AWM hours will be extracted when SCIR related data is extracted. Those events not SCIR related will be ignored.

e. AWM Calculations. The following calculations will be used to generate AWM for the SCIR-5-2.

(1) AWM (Blocks B38-B49) will be applied to the first encountered valid EOC code on the VIDS/MAF Copy 1 by Reason Code and hours on the detail line of the report.

(2) AWM Reason Code 0 (AWM_c) is calculated. Refer to paragraph 9.5 Processing Rules for calculating AWM 0.

9.4.5 Calculating Mission and Maintenance Data for the SCIR-5-3

a. This report is designed to reflect SCIR hours by Mission Category and selected maintenance data from SCIR related records. The technique in paragraph 9.3 is not used in producing this report since all SCIR related records are used in computing this report. Chapter 7 contains an example of the report format.

b. Extraction of SCIR Data. The technique and rules used to extract SCIR data from the VIDS/MAF Copy 1 are in paragraph 9.2b(2)(b).

c. Calculation of SCIR Data. Once the extraction of SCIR related data is complete, TOTSCIRHRS will be computed from each VIDS/MAF Copy 1, sorted for each BU/SERNO by EOC code and associated WUC within each status of SUP, UNS, and SCH for each Mission Code.

d. Extraction of Maintenance Data. Maintenance data will be extracted when SCIR data is extracted. Those events that are not SCIR related will be ignored.

e. Presentation of Maintenance Data. Selected items of maintenance data will be presented as it is documented on the VIDS/MAF Copy 1. Maintenance data consists of JCN, WC, TRCODE, WD, TM, AT, MAL, IP, MHRS, EMT, and DOCNUM.

9.5 Processing Rules

a. This paragraph lists all necessary rules for processing SCIR data.

b. Each data bin will have the capability of counting up to nine simultaneous records within each status of SUP, UNS, and SCH. Those records in excess of nine will be ignored.

c. The first position of a valid EOC code will be used to determine the associated equipment capability. A definition of EOC code (Mission Code) is as follows:

A – OPC
B – FMC
C-L - PMC
W-Z - NMC

d. Scheduled/unscheduled maintenance is determined by rules contained in paragraph 9.2.

e. The job status of M or S will be used to determine event status.

f. Each hour calculation will be carried to three decimal places with no rounding. All hour accumulations will be rounded and printed to the nearest whole hour.

g. Each percentage calculation will be carried to three decimal places with no rounding. All percentage accumulations will be rounded and printed to the nearest tenth.

h. All AWM hours, by reason code, will be applied to the first valid EOC encountered in a maintenance record/event.

i. AWM_d is the accumulated sum of all documented AWM hours with Reason Code 1-8 within one record.

j. AWM_c is the result of AWM_t - AWM_d.

k. GL is the elapsed time between received date/time (Blocks B08 and B12) and the completed date/time (Blocks B30 and B34) for one record.

l. GL_s is the accumulation of elapsed time for each SCIR related event with valid EOC code and job status of M or S within one record.

m. When the first SCIR related EOC code does not meet the criteria for NMCMS :

$AWM_t = GL_s$ - EMT - Supply

n. When the first SCIR related EOC code meets the criteria for NMCMS :

$AWM_t = AWM_d$. (There will be no AWM_c generated.)

o. When position 2 and 3 of EOC is 03 and TM is E or S and the first SCIR related EOC code meets the criteria for NMCMU:

$AWM_t = AWM_d$ (There will be no AWM_c generated.)

LINE 1	B15M	B15M	B15M				
LINE 2	B14M	Z97M	Z97S	Z97M	B14M		
LINE 3	B17M	B17M	B17S	B17S	B17S	B17S	B17S
LINE 4			Z03M	Z03M	Z03M		
LINE 5			D41M	D41S	D41S	D41S	D41M
LINE 6							3

Figure 9-1: Bin Loading Example Chart A

	BIN - 1				BIN - 2				BIN - 3				BIN - 4				BIN - 5				BIN - 6				BIN - 7			
	MISS	SUP	UNS	SCH	MISS	SUP	UNS	SCH	MISS	SUP	UNS	SCH	MISS	SUP	UNS	SCH	MISS	SUP	UNS	SCH	MISS	SUP	UNS	SCH	MISS	SUP	UNS	SCH
LINE 1	B		1		B		1		B		1																	
LINE 2	B		2		Z		1		Z	1			Z		1		B		1									
LINE 3	B		3		Z		1		Z	1			Z		1		B	1	1		B	1			B	1		
LINE 4	B		3		Z		1		Z	1		1	Z		1	1	Z			1	B	1			B	1		
LINE 5	B		3		Z		1		Z	1		1	Z		1	1	Z			1	D	1			D			1
LINE 6	B		3		Z		1		Z	1		1	Z		1	1	Z			1	D	1			3			
TOTAL	B		3		Z		1		Z	1		1	Z		1	1	Z			1	D	1			3			

Figure 9-2: Bin Loading Example Chart B

APPENDIX A - Acronyms

Each data element entered into the MDS via a 3M source document has been assigned up to a six character abbreviation. It is hoped that, to the extent possible, these abbreviations will be used throughout the system when writing COBOL programs, therefore creating somewhat of a standard. A list of these acronyms, their meaning and source are listed below.

1 - DD 1348 (DOD Single Line Item Requisition System Document (Manual))
2 - OPNAV 3710/4 (Naval Aircraft Flight Record)
3 - OPNAV 4790/60 (VIDS/MAF Copy 1)
4 - OPNAV 4790/60 (VIDS/MAF Copy 2)
5 - OPNAV 4790/58 (METER Card Green Copy)

A complete list of acronyms either from source data or as used in this volume are listed in alphabetical order as follows:

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
ACC	AIRCRAFT CONTROLLING CUSTODIAN		
ACT	ACTUAL INSTRUMENT TIME	2	7C-33
ACTORG	ACTION ORGANIZATION		
AIMD	AIRCRAFT INTERMEDIATE MAINTENANCE DEPARTMENT		
ALW	ALLOWANCE		
A/N	ALPHANUMERIC		
ASC	AIRCREW STATUS CODE	2	7E-29
ASCII	AMERICAN STANDARD CODE FOR INFORMATION INTERCHANGE		
AT	ACTION TAKEN		
AT1	ACTION TAKEN	3 5	A35
AT2	ACTION TAKEN	3	H-Z10
AUTODIN	AUTOMATIC DIGITAL NETWORK		
AVG	AVERAGE		
AVGMHRS	AVERAGE MAN-HOURS		
AV-3M	AVIATION MAINTENANCE AND MATERIAL MANAGEMENT SYSTEM		
AWAY/CORR	AWAY FROM HOME /CORRECTION CODE		
AWM	AWAITING MAINTENANCE		
AWMHR1	AWAITING MAINTENANCE HOURS	3	B39
AWMHR2	AWAITING MAINTENANCE HOURS	3	B44
AWMHR3	AWAITING MAINTENANCE HOURS	3	B49
AWMRS1	AWAITING MAINTENANCE REASON	3	B38

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
AWMRS2	AWAITING MAINTENANCE REASON	3	B43
AWMRS3	AWAITING MAINTENANCE REASON	3	B48
AWP	AWAITING PARTS		
AWPIND	AWAITING PARTS INDICATOR	3	H-Z09
BCM	BEYOND CAPABILITY OF MAINTENANCE		
BGN	BEGIN		
BUNO	BUREAU NUMBER	2	7B-11
		3	A52
		5	20
BU/SERNO	BUREAU/SERIAL NUMBER	3	A52
		5	20
C	CHANGE CORRECTION		
CAPUTL	CAPABLE UTILIZATION		
CAT	CATAPULT		
CC	CARD COLUMN CORRECTION CODE		
CDA	CENTRAL DESIGN ACTIVITY		
CD-ROM	COMPACT DISC-READ ONLY MEMORY		
CD1	MISCELLANEOUS DATA CODE 1	2	7G-63
CD2	MISCELLANEOUS DATA CODE 2	2	7G-68
CJ	CATAPULT SHOTS/JET ASSIST TAKE-OFFS	2	7B-47
CNO	CHIEF OF NAVAL OPERATIONS		
COG	COGNIZANCE SYMBOL	1	18
		4	6
COMDAT	COMPLETION DATE	3	B30
		5	20
COMTIM	COMPLETION TIME	3	B34
CON	CONTINUED		
COND	CONDITION CODE	1	71
		4	8
CONF	CONFIRMED		
CONUS	CONTINENTAL UNITED STATES		
CORR	CORRECTION		
CORRCD	CORRECTION CODE		
CPCRGO	CONFIRMED PAYLOAD CARGO	2	7E-52
CPT	COPILOT TIME	2	7C-27
CRGO LBS	CARGO POUNDS		

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
CT*	CARD TO TAPE		
D	DELETE, DELETION		
DAR	DAILY AUDIT REPORT		
DATA1	MISCELLANEOUS DATA 1	2	7G-65
DATA2	MISCELLANEOUS DATA 2	2	7G-70
DATE	JULIAN DATE	2	7E-16
DATORD	DATE ORDERED	3	H-Z45
DATREC	DATE RECEIVED	3	H-Z53
DATREM	DATE REMOVED	3 5	E38 20
DCF	DOCUMENT CONTROL FORM		
DEL1	DELIVERY 1	2	7G-34
DEL2	DELIVERY 2	2	7G-45
DEL3	DELIVERY 3	2	7G-56
DIST	DISTANCE	2	7F-25
DOC	DOCUMENT		
DOCNUM	DOCUMENT NUMBER	2 3 5	TOP OF FORM TOP OF FORM TOP OF FORM
DOD	DEPARTMENT OF DEFENSE		
DPCODE	DATA PROCESSING CODE		
DR	DELETION RECORD		
DSN	DEFENSE SWITCHED NETWORK		
DTEARR	JULIAN DATE ARRIVE	2	7F-16
DTEDEP	JULIAN DATE DEPART	2	7E-16
DTG	DATE TIME GROUP		
DUP	DUPLICATE		
EAH	EQUIPMENT ASSIGNED HOURS		
EBCDIC	EXTENDED BINARY CODED DECIMAL INTERCHANGE CODE		
EIS	EQUIPMENT IN SERVICE		
EMR	EQUIPMENT MASTER ROSTER		
EMT	ELAPSED MAINTENANCE TIME	3 5	A45 20

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
EMTI	ELAPSED MAINTENANCE TIME INTERMEDIATE		
EMTO	ELAPSED MAINTENANCE TIME ORGANIZATIONAL		
ENCL	ENCLOSURE		
EOC	EQUIPMENT OPERATIONAL CAPABILITY	3	B16, B27 B62, B74 C17, C29 C41, C53 C65, D17
EOS	EQUIPMENT OUT OF SERVICE		
EQUIPUTL	EQUIPMENT UTILIZATION		
EXCD	EXCEPTION CODE	2	7B-10 7C-10 7D-10 7E-10 7F-10 7G-10
FH	FLIGHT HOURS		
FID	FAULT ISOLATION DETECTION	3	A62
FINT	FIRST INITIAL		
FLTBGN	FLIGHT BEGIN TIME		
FLTHRS	FLIGHT HOURS		
FLTS	FLIGHTS		
FMC	FULL MISSION CAPABLE		
FMCAVG	FULL MISSION CAPABLE AVERAGE		
FMCHRS	FULL MISSION CAPABLE HOURS		
FMCM	FULL MISSION CAPABLE MAINTENANCE		
FMCMNT	FULL MISSION CAPABLE MAINTENANCE		
FMCS	FULL MISSION CAPABLE SUPPLY		
FMCSUP	FULL MISSION CAPABLE SUPPLY		
FPIND	FAILED PARTS INDICATOR	3	H-Z08
FPT	FIRST PILOT TIME	2	7C-24
FREQ	FREQUENCY		
FSTINT	FIRST INITIAL	2	7C-11
GL	GRIPE LIFE		
GRADE	GRADE	2	7B-27
HRS	HOURS		
HRS1	MISSION NUMBER 1 HOURS	2	7B-27

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
HRS2	MISSION NUMBER 2 HOURS	2	7B-33
HRS3	MISSION NUMBER 3 HOURS	2	7B-39
ICAOAR	INTERNATIONAL CIVIL AVIATION ORGANIZATION ARRIVE	2	7F-20
ICAODP	INTERNATIONAL CIVIL AVIATION ORGANIZATION DEPART	2	7E-20
I-LEVEL	INTERMEDIATE LEVEL		
IMA	INTERMEDIATE MAINTENANCE ACTIVITY		
IMR	INDIVIDUAL MASTER ROSTER		
IND	INDICATION		
INDAT	IN-WORK DATE	3	B19
		5	20
INDEX	INDEX	3	H-Z79
INEOC	IN-WORK EQUIPMENT OPERATIONAL CAPABILITY CODE	3	3
INST	INSTRUMENT QUALIFICATION EXPIRATION DATE INSTRUCTION	2	7D-58
INT	INTERIM INTERMEDIATE		
INTIM	IN-WORK TIME	3	B27
INTIND	INTERIM INDICATOR	3	F08
INVCDE	INVENTORY CODE	3	F21
INVIND	INVENTORY INDICATION		
IP	ITEMS PROCESSED	3	A39
		5	20
IPI	ITEM PROCESSED INTERMEDIATE		
IPO	ITEM PROCESSED ORGANIZATIONAL		
JCN	JOB CONTROL NUMBER		
JCNDAY	JOB CONTROL NUMBER DAY	1	L,M
		3	A11
		4	A11
		5	20
JCNORG	JOB CONTROL NUMBER ORGANIZATION CODE	1	L,M
		3	A08
		4	A08
		5	20
JCNSER	JOB CONTROL NUMBER SERIAL	1	L,M
		3	A14
		4	A14
		5	20

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
JCNSUF	JOB CONTROL NUMBER SUFFIX	1	L,M
		3	A17
		4	A17
		5	20
JS	JOB STATUS		
JS1	JOB STATUS	3	B53
JS2	JOB STATUS	3	B65
JS3	JOB STATUS	3	C08
JS4	JOB STATUS	3	C20
JS5	JOB STATUS	3	C32
JS6	JOB STATUS	3	C44
JS7	JOB STATUS	3	C56
JS8	JOB STATUS	3	D08
JSDAT	JOB STATUS DATE		
JSDAT1	JOB STATUS DATE	3	B54
JSDAT2	JOB STATUS DATE	3	B66
JSDAT3	JOB STATUS DATE	3	C09
JSDAT4	JOB STATUS DATE	3	C21
JSDAT5	JOB STATUS DATE	3	C33
JSDAT6	JOB STATUS DATE	3	C45
JSDAT7	JOB STATUS DATE	3	C57
JSDAT8	JOB STATUS DATE	3	D09
JSEOC1	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	B62
JSEOC2	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	B74
JSEOC3	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	C17
JSEOC4	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	C29
JSEOC5	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	C41
JSEOC6	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	C53
JSEOC7	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	C65
JSEOC8	JOB STATUS EQUIPMENT OPERATIONAL CAPABILITY CODE	3	D17

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
JSTIM1	JOB STATUS TIME	3	B58
JSTIM2	JOB STATUS TIME	3	B70
JSTIM3	JOB STATUS TIME	3	C13
JSTIM4	JOB STATUS TIME	3	C25
JSTIM5	JOB STATUS TIME	3	C37
JSTIM6	JOB STATUS TIME	3	C49
JSTIM7	JOB STATUS TIME	3	C61
JSTIM8	JOB STATUS TIME	4	D13
LEG FH	LEG FLIGHT HOURS		
LG	LEG		
LEGNR	LEG NUMBER	2	7E-9
		2	7F-9
LINE	LINE	2	7C-9
		2	7G-9
LINT	LAST INITIAL		
LINENR	LINE NUMBER	2	7G-11
LN	LINE		
LNNR	LINE NUMBER		
LSTINT	LAST INITIAL	2	7C-12
MAF	MAINTENANCE ACTION FORM		
MAG	MARINE AIR GROUP		
MAL	MALFUNCTION CODE		
MAL1	MALFUNCTION CODE	3	A36
		5	20
MAL2	MALFUNCTION CODE	3	H-Z11
MATCOND	MATERIAL CONDITION	1	73
MAXCGO	CONFIGURATION DATA MAXIMUM CARGO	2	7E-70
MAXPAX	CONFIGURATION DATA MAXIMUM PASSENGER	2	7E-67
MCC	MATERIAL CONTROL CODE	1	73
		4	9
		5	3
MDR	MAINTENANCE DATA REPORTS		
MDS	MAINTENANCE DATA SYSTEM		

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
MEASURE	METROLOGY AUTOMATED SYSTEM FOR UNIFORM RECALL AND REPORTING		
MED	MEDICAL QUALIFICATION EXPIRATION DATE	2	7D-54
METER	METER TYPE/READING	3	A69
METER	METROLOGY EQUIPMENT RECALL		
MFGR	MANUFACTURER'S CODE	1	R
MFGR1	MANUFACTURER'S CODE	4 5	E08 3
MFGR2	MANUFACTURER'S CODE	3	G08
MFGR3	MANUFACTURER'S CODE	3	H-Z14
MHRS	MAN-HOURS	3 5	A41 20
MHRSI	MAN-HOURS INTERMEDIATE		
MHRSO	MAN-HOURS ORGANIZATIONAL		
MIS	MANAGEMENT INFORMATION SYSTEMS		
MISC	MISCELLANEOUS		
MISNUM	AIRLIFT MISSION NUMBER	2	7B-49
MISS	MISSION CODE		
ML	MAINTENANCE LEVEL	3 5	A34 20
MNT	MAINTENANCE		
MR	MATERIAL REPORTS		
MRC	MAINTENANCE REQUIREMENT CARD		
MSN	MISSION NUMBER		
MSN1	MISSION NUMBER 1	2	7B-24
MSN2	MISSION NUMBER 2	2	7B-30
MSN3	MISSION NUMBER 3	2	7B-36
MTR/UB	METER/UTILIZATION BASE		
NAEC	NAVAL AIR ENGINEERING CENTER		
NALCOMIS	NAVAL AVIATION LOGISTICS COMMAND MANAGEMENT INFORMATION SYSTEM		
NAME	LAST NAME	2	7D-34
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM		
NAPP1	NUMBER APPROACH 1	2	7C-52
NAPP2	NUMBER APPROACH 2	2	7C-54

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
NAPP3	NUMBER APPROACH 3	2	7C-56
NAPP4	NUMBER APPROACH 4	2	7C-58
NAS	NAVAL AIR STATION		
NATOPS	NATOPS QUALIFICATION EXPIRATION DATE	2	7D-50
NAVFLIRS	NAVAL FLIGHT RECORD SUBSYSTEM		
NAVICP	NAVAL INVENTORY CONTROL POINT		
NAVSEA-LOGCEN	NAVAL SEA LOGISTICS CENTER		
NCTAMS LANT DET	COMPUTER AND TELECOMMUNICATIONS AREA MASTER STATION DETACHMENT ATLANTIC DET		
NDCSC	NALCOMIS DATA COLLECTION SYSTEM CENTER		
NIGHT	NIGHT TIME	2	7C-36
NIIN	NATIONAL ITEM IDENTIFICATION NUMBER		
NLNDG1	NUMBER LANDINGS 1	2	7C-43
NLNDG2	NUMBER LANDINGS 2	2	7C-46
NLNDG3	NUMBER LANDINGS 3	2	7C-48
NLNDG4	NUMBER LANDINGS 4	2	7C-50
NMC	NOT MISSION CAPABLE		
NMCAVG	NOT MISSION CAPABLE AVERAGE		
NMCHRS	NOT MISSION CAPABLE HOURS		
NMCMS	NOT MISSION CAPABLE MAINTENANCE SCHEDULED		
NMCMU	NOT MISSION CAPABLE MAINTENANCE UNSCHEDULED		
NMCS	NOT MISSION CAPABLE SUPPLY		
NMCSCH	NOT MISSION CAPABLE SCHEDULED		
NMCSUP	NOT MISSION CAPABLE SUPPLY		
NMCUNS	NOT MISSION CAPABLE UNSCHEDULED		
NR	NUMBER		
NSC	NATIONAL SUPPLY CLASSIFICATION		
NSNPN	NATIONAL STOCK NUMBER/PART NUMBER	1 4	5,6 2,3
O-LEVEL	ORGANIZATIONAL LEVEL		
OPC	OPTIMUM PERFORMANCE CAPABLE		
OPCCD1	OPPORTUNE PAYLOAD CARGO CODE 1	2	7E-65

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
OPCCD2	OPPORTUNE PAYLOAD CARGO CODE 2	2	7E-66
OPCRGO	OPPORTUNE CARGO	2	7E-60
OPNAV	OFFICE OF THE CHIEF OF NAVAL OPERATIONS		
OPPAX	OPPORTUNE PASSENGER NUMBER	2	7E-57
OPS	SHIP/FIELD OPERATIONS	2	7B-46
ORD	ORDERED		
ORD1	ORDNANCE 1	2	7G-30
ORD2	ORDNANCE 2	2	7G-41
ORD3	ORDNANCE 3	2	7G-52
ORG	ORGANIZATION CODE	1	B
		2	7B-21
		3	A29
		4	1
		5	20
OSI	OPERATIONAL SUPPORT INVENTORY		
OTH	OTHER		
PAGENR	PAGE NUMBER	2	TOP OF PAGE
PART1	PART NUMBER	3	E23
		5	1
PART2	PART NUMBER	3	G23
PART3	PART NUMBER	3	H-Z19
PAX NO	NUMBER OF PRIORITY PASSENGERS		
PAXNR	PASSENGER NUMBER		
PG	PAGE		
PHYSIO	PHYSIOLOGY QUALIFICATION EXPIRATION DATE	2	7D-66
PMC	PARTIAL MISSION CAPABLE		
PMCAVG	PARTIAL MISSION CAPABLE AVERAGE		
PMCHRS	PARTIAL MISSION CAPABLE HOURS		
PMCM	PARTIAL MISSION CAPABLE MAINTENANCE		
PMCMNT	PARTIAL MISSION CAPABLE MAINTENANCE		
PMCS	PARTIAL MISSION CAPABLE SUPPLY		
PMCSUP	PARTIAL MISSION CAPABLE SUPPLY		
PME	PRECISION MEASURING EQUIPMENT		
P/N	PART NUMBER		

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
POS	POSITION	3	A60
PRI	PRIORITY	1	20
		3	H-Z43
PRI1	PRIORITY 1 PASSENGER NUMBER	2	7E-37
PRI2	PRIORITY 2 PASSENGER NUMBER	2	7E-40
PRI3	PRIORITY 3 PASSENGER NUMBER	2	7E-43
PRI4	PRIORITY 4 PASSENGER NUMBER	2	7E-46
PRI5	PRIORITY 5 PASSENGER NUMBER	2	7E-49
PRJ	PROJECT		
PRO	PROCESSING		
PROJ	PROJECT	1	19
PUC	PERMANENT UNIT CODE	3	F22
PURP	PURPOSE CODE	1	70
		4	7
QTY	QUANTITY	1	8
		3	H-Z41
		4	5
QA	QUALITY ASSURANCE		
R-SUPPLY	RELATIONAL SUPPLY		
REC	RECORD		
RECDAT	RECEIVED DATE	3	B08
		5	20
RECEOC	RECEIVED EQUIPMENT OPERATIONAL CAPABILITY CODE	3	B16
RECTIM	RECEIVED TIME	3	B12
RECTYP	RECORD TYPE		
REF	REFERENCE		
REFSYM	REFERENCE SYMBOL	3	H-Z34
REM	REMOVAL		
REP	REPAIR		
REQ	REQUISITION		
REQDAT	REQUISITION DATE	1	11
		3	H-Z45
REQN SER	REQUISITION SERIAL		
REQNUM	REQUISITION NUMBER	1	12
		3	H-Z49
RFI	READY FOR ISSUE		

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
RJ	RIGHT JUSTIFIED		
RPDATE	REPORT DATE		
RPR	REPAIR		
RT	RECORD TYPE	2	7B-79
		2	7C-79
		2	7D-79
		2	7E-79
		2	7F-79
		2	7G-79
RUNS1	RUNS 1	2	7G-36
RUNS2	RUNS 2	2	7G-47
RUNS3	RUNS 3	2	7G-58
RUNTIM	RUN-TIME		
SAFSER	SAFETY/ENGINEERING INVESTIGATION SERIAL NUMBER	3	A65
SALTS	STREAMLINED ALTERNATIVE LOGISTICS TRANSMISSION SYSTEM		
SC	STATUS CODE		
SCH	SCHEDULE TIME		
SCIR	SUBSYSTEM CAPABILITY IMPACT REPORTING		
SCORE1	SCORE 1	2	7G-38
SCORE2	SCORE 2	2	7G-49
SCORE3	SCORE 3	2	7G-60
SCR1	SCORE 1		
SCR2	SCORE 2		
SCR3	SCORE 3		
SCT	SPECIAL CREW TIME	2	7C-30
SE	SUPPORT EQUIPMENT		
SECNAV	SECRETARY OF THE NAVY		
SER	SERIAL NUMBER		
SER1	SERIAL NUMBER	3	E13
		5	4
SER2	SERIAL NUMBER	3	G13
SERNO	SERIAL NUMBER	3	A52
SHPOPFLT-HRS	SHIP OPERATIONAL FLIGHT HOURS		

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
SHPOPNR-FLTS	SHIP OPERATIONAL NUMBER OF FLIGHTS		
SIM	SIMULATED INSTRUMENT TIME	2	7C-36
SMIC	SPECIAL MATERIAL IDENTIFICATION CODE		
SPAWARSYS-CEN	SPACE AND NAVAL WARFARE SYSTEMS CENTER		
SPL QUL	SPECIAL QUALIFICATIONS		
SPQU	SPECIAL QUALIFICATIONS		
SPQUAL	SPECIAL QUALIFICATIONS	2	7C-22
SS	SYSTEM STATUS	2	7F-24
SSC	SYLLABUS STATUS CODE	2	7E-33
SSN	SOCIAL SECURITY NUMBER	2	7C-13
STUMHRS	STUDENT MAN-HOURS		
SUF	SUFFIX		
SUP	SUPPLY		
SUPDAT	SUPPLY DATE	1 4	BELOW V 11
SUPORG	SUPPLY ORGANIZATION CODE	DCF	
SUPTCD	SUPPORT CODE	2	7B-42
SVC	SERVICE CODE	2	7C-23
SYL	ASSIGNED SYLLABUS	2	7B-17
SYLLAB	SYLLABUS		
TAPP1	TYPE APPROACH 1	2	7C-51
TAPP2	TYPE APPROACH 2	2	7C-53
TAPP3	TYPE APPROACH 3	2	7C-55
TAPP4	TYPE APPROACH 4	2	7C-57
TAT	TURN AROUND TIME		
TD	TECHNICAL DIRECTIVE		
TDC	TECHNICAL DIRECTIVE COMPLIANCE		
TDCAMD	TECHNICAL DIRECTIVE AMENDMENT	3	F16
TDCBAS	TECHNICAL DIRECTIVE BASIC NUMBER	3	F11
TDCKIT	TECHNICAL DIRECTIVE KIT	3	F19
TDCODE	TECHNICAL DIRECTIVE CODE	3	F09
TDCPRT	TECHNICAL DIRECTIVE PART	3	F17
TDCREV	TECHNICAL DIRECTIVE REVISION	3	F15

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
TEC	TYPE EQUIPMENT CODE	1	N
		2	7B-17
		3	A48
		4	A48
		5	20
TIMARR	TIME ARRIVE	2	7F-12
TIMCY1	TIME/CYCLE	3	E42
TIMCY2	TIME/CYCLE	3	E47
TIMCY3	TIME/CYCLE	3	E52
TIMCY4	TIME/CYCLE	3	G38
TIMCY5	TIME/CYCLE	3	G43
TIMCY6	TIME/CYCLE	3	G48
TIMDEP	TIME DEPART	2	7E-12
TIZN	TIME ZONE		
TLNDG1	TYPE LANDING NUMBER 1	2	7C-42
TLNDG2	TYPE LANDING NUMBER 2	2	7C-45
TLNDG3	TYPE LANDING NUMBER 3	2	7C-47
TLNDG4	TYPE LANDING NUMBER 4	2	7C-49
TM	TYPE MAINTENANCE	3	A59
		5	20
TMR	TOTAL MISSION REQUIREMENT		
TMZONE	TIME ZONE	2	7E-11
TNGAR1	TRAINING AREA 1	2	7G-12
TNGAR2	TRAINING AREA 2	2	7G-21
TNGHR1	TRAINING AREA HOURS 1	2	7G-19
TNGHR2	TRAINING AREA HOURS 2	2	7G-28
TOT	TOTAL		
TOTEAHHRS	TOTAL EQUIPMENT ASSIGNED HOURS		
TOTEISHRS	TOTAL EQUIPMENT IN SERVICE HOURS		
TOTEOSHRS	TOTAL EQUIPMENT OUT OF SERVICE HOURS		
TOTFLT	TOTAL FLIGHTS	2	7B-44
TOTFLT HRS	TOTAL FLIGHT HOURS		
TOTNR FLTS	TOTAL NUMBER FLIGHTS		
TOTPRC	TOTAL PRICE	1	U

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
TOTSCIR-HRS	TOTAL SUBSYSTEM CAPABILITY IMPACT REPORT HOURS		
TOTTIM/CY	TOTAL TIME/CYCLE		
TPAGES	TOTAL PAGES		
TR	TRANSACTION CODE		
TRACD1	TRAINING CODE 1	2	7C-59
TRACD2	TRAINING CODE 2	2	7C-62
TRACD3	TRAINING CODE 3	2	7C-65
TRANS	TRANSACTION		
TRCODE	TRANSACTION CODE	1	V
		3	A32
		4	12
		5	20
TRDAT	TRANSACTION DATE		
TRNG CODE	TRAINING CODE		
TY	TYPE		
TYP	TYPE		
TYCOM	TYPE COMMANDER		
UI	UNIT OF ISSUE	1	7
		4	4
UNS	UNSCHEDULED		
USMC	UNITED STATES MARINE CORPS		
USN	UNITED STATES NAVY		
VALSPECS	VALIDATION SPECIFICATIONS		
VIDS/MAF	VISUAL INFORMATION DISPLAY SYSTEM MAINTENANCE ACTION FORM		
VM	VISUAL INFORMATION DISPLAY SYSTEM MAINTENANCE ACTION FORM		
WATER	WATER QUALIFICATION EXPIRATION DATE	2	7D-62
WC	WORK CENTER	3	A19
		5	20
WD	WHEN DISCOVERED CODE	3	A58
		5	20
WUC	WORK UNIT CODE	1	P
		3	A22
		4	A22
		5	20

ACRONYM	MEANING	SOURCE	BLOCK NUMBER
3M	MAINTENANCE AND MATERIAL MANAGEMENT		

APPENDIX B - Data Entry Procedures

This appendix contains all the data entry procedures necessary to enter 3M data from source documents into the standard 3M formats required for entry into the aviation 3M System. The following applies:

Under the A, N, E, OTHER Column

A=Alphabetic

N=Numeric

E=Either alphabetic or numeric

OTHER =Alpha/Numeric with embedded Blanks / Special Characters

Under the Special Instruction Column

RJ =Right Justified

LJ =Left Justified

ZF =Zero Filled

Data Entry Format No. 04

DATA ENTRY FORMAT NO.	04	RECORD TYPE	60, 62, 64, 65
	Material Issue, Material Issue Correction, Initial Outfitting Issue, and TD		
DESCRIPTION	Compliance Material Issue Records		
SOURCE DOCUMENT	DD Form 1348		

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
B	1-3	E	ORG	
8-22	4-18	E	NSNPN	LJ
23-24	19-20	A	UI	
25-29	21-25	N	QTY	RJ, ZF
36-39	26-29	N	REQDAT	
40-43	30-33	E	REQNUM	
L, M	34-36	E	JCNORG	
L, M	37-39	N	JCNDAY	
L, M	40-42	E	JCNSER	
L, M	43-44	E	JCNSUF	
N	45-48	E	TEC	
55-56	49-50	E	COG	
57-59	51-53	E	PROJ	
60-61	54-55	N	PRI	
P	56-62	E	WUC	LJ
R	63-67	E	MFGR	LJ
70	68	A	PURP	
71	69	A	COND	
73	70	A	MCC	
BELOW V	71-74	N	SUPDAT	
DCF	75-77	E	DPCODE/SUPORG	Note 1
DCF	78	E	AWAY	
V	79-80	N	RECTYP	60, 62, 64 or 65

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 05

DATA ENTRY FORMAT NO. 05 RECORD TYPE 66

DESCRIPTION SERVMART Record

SOURCE DOCUMENT DD Form 1348

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
B	1-3	E	ORG	
NOT USED	4-44			
N	45-48	E	TEC	
NOT USED	49-55			
U	56-63	N	TOTPRC	RJ, ZF, Note 1
NOT USED	64-70			
BELOW V	71-74	N	SUPDAT	
DCF	75-77	E	DPCODE/SUPORG	Note 2
DCF	78	E	AWAY	
V	79-80	N	RECTYP	66

NOTES: 1. TOTPRC will be entered in dollars and cents with an assumed decimal.

2. Enter the local supply organization code of where the document originated.

Data Entry Format No. 06

DATA ENTRY FORMAT NO.	06	RECORD TYPE	67
DESCRIPTION	Indirect Material Issue Record		
SOURCE DOCUMENT	DD Form 1348		

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
B	1-3	E	ORG	
8-22	4-18	E	NSNPN	LJ
23-24	19-20	A	UI	
25-29	21-25	N	QTY	RJ, ZF
36-39	26-29	N	REQDAT	
40-43	30-33	E	REQNUM	
NOT USED	34-44			
N	45-48	E	TEC	
55-56	49-50	E	COG	
57-59	51-53	E	PROJ	
60-61	54-55	N	PRI	
P	56-62	E	WUC	LJ
R	63-67	E	MFGR	LJ
70	68	A	PURP	
71	69	A	COND	
73	70	E	MCC	
BELOW V	71-74	N	SUPDAT	
DCF	75-77	E	DPCODE/SUPORG	Note 1
DCF	78	E	AWAY	
V	79-80	N	RECTYP	67

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 07

DATA ENTRY FORMAT NO. 07 RECORD TYPE 61, 63

DESCRIPTION VIDS/MAF Component RFI/BCM

SOURCE DOCUMENT OPNAV 4790/60 Copy 2

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
A22	1-7	E	WUC	LJ
A48	8-11	E	TEC	
E08	12-16	E	MFGR1	LJ
NOT USED	17-26			
1	27-29	E	ORG	
2, 3	30-44	E	NSNPN	LJ
4	45-46	A	UI	
5	47-48	N	QTY	RJ, ZF
6	49-50	E	COG	
7	51	A	PURP	
8	52	A	COND	
9	53	E	MCC	
11	54-57	N	SUPDAT	
NOT USED	58-60			
A08	61-63	E	JCNORG	
A11	64-66	N	JCNDAY	
A14	67-69	N	JCNSER	
A17	70-71	E	JCNSUF	
NOT USED	72-74			
DCF	75-77	E	DPCODE/SUPORG	Note 1
DCF	78	E	AWAY	
12	79-80	N	RECTYP	61 or 63

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 08

DATA ENTRY FORMAT NO. 08 RECORD TYPE 7B

DESCRIPTION Naval Aircraft Flight Record (Aircraft Data)

SOURCE DOCUMENT OPNAV 3710/4

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP LEFT	1-7	E	DOCNUM	
TOP RIGHT	8	N	PAGENR	
TOTAL PAGES	9	N	TPAGES	
7B-10	10	A	EXCD	
7B-11	11-16	E	BUNO	
7B-17	17-20	E	TEC	
7B-21	21-23	E	ORG	
7B-24	24-26	E	MSN1	
7B-27	27-29	N	HRS1	RJ
7B-30	30-32	E	MSN2	
7B-33	33-35	N	HRS2	RJ
7B-36	36-38	E	MSN3	
7B-39	39-41	N	HRS3	RJ
7B-42	42-43	E	SUPTCD	
7B-44	44-45	N	TOTFLT	RJ
7B-46	46	E	OPS	
7B-47	47-48	N	CJ	RJ
7B-49	49-57	E	MISNUM	
	58-63	N	PUC	Note 1
NOT USED	64-73			
NONE	74	N	EMREF	
DCF	75-77	E	DPCODE/SUPORG	Note 2
DCF	78	E	AWAY	
7B-79	79-80	E	RECTYP	7B

NOTE: **1. Machine generated.**

2. Enter the local supply organization code of where the document originated.

Data Entry Format No. 09

DATA ENTRY FORMAT NO. 09 RECORD TYPE 7C

DESCRIPTION Naval Aircraft Flight Record (Aircrew Data)

SOURCE DOCUMENT OPNAV 3710/4

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP LEFT	1-7	E	DOCNUM	
TOP RIGHT	8	N	PAGENR	
7C-9	9	N	LINE	
7C-10	10	A	EXCD	
7C-11	11	A	FSTINT	
7C-12	12	A	LSTINT	
7C-13	13-21	N	SSN	
7C-22	22	A	SPQUAL	
7C-23	23	E	SVC	
7C-24	24-26	N	FPT	RJ
7C-27	27-29	N	CPT	RJ
7C-30	30-32	N	SCT	RJ
7C-33	33-35	N	ACT	RJ
7C-36	36-38	N	SIM	RJ
7C-39	39-41	N	NIGHT	RJ
7C-42	42	E	TLNDG1	
7C-43	43-44	N	NLNDG1	RJ
7C-45	45	E	TLNDG2	
7C-46	46	N	NLNDG2	
7C-47	47	E	TLNDG3	
7C-48	48	N	NLNDG3	
7C-49	49	E	TLNDG4	
7C-50	50	N	NLNDG4	
7C-51	51	E	TAPP1	
7C-52	52	N	NAPP1	
7C-53	53	E	TAPP2	
7C-54	54	N	NAPP2	
7C-55	55	E	TAPP3	
7C-56	56	N	NAPP3	
7C-57	57	E	TAPP4	

DATA ENTRY FORMAT NO. 09 RECORD TYPE 7C

DESCRIPTION Naval Aircraft Flight Record (Aircrew Data)

SOURCE DOCUMENT OPNAV 3710/4

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
7C-58	58	N	NAPP4	
7C-59	59-61	E	TRACD1	Note 1
7C-62	62-64	E	TRACD2	Note 1
7C-65	65-67	E	TRACD3	Note 1
NOT USED	68-74			
DCF	75-77	E	DPCODE/SUPORG	Note 2
DCF	78	E	AWAY	
7C-79	79-80	E	RECTYP	7C

NOTES: 1. Marine Corps mandatory (only applies to individuals assigned to Marine Corps activities), USN optional.

2. Enter the local supply organization code of where the document originated.

Data Entry Format No. 10

DATA ENTRY FORMAT NO. 10 RECORD TYPE 7D

DESCRIPTION Naval Aircraft Flight Record (Personnel Data)

SOURCE DOCUMENT OPNAV 3710/4

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP LEFT	1-7	E	DOCNUM	
7B-17	8-11	N	SYLLAB	Note 1
7B-21	12-14	E	ORG	
7C-10	15	A	EXCD	
7C-11	16	A	FSTINT	
7C-12	17	A	LSTINT	
7C-13	18-26	N	SSN	
7C-23	27	E	SVC	
7E-16	28-31	N	DATE	
7E-29	32	N	ASC	Note 1
7E-33	33	A	SSC	Note 1
7D-34	34-47	OTHER	NAME	LJ
7D-48	48-49	E	GRADE	
7D-50	50-53	N	NATOPS	
7D-54	54-57	N	MED	
7D-58	58-61	N	INST	
7D-62	62-65	N	WATER	
7D-66	66-69	N	PHYSIO	
NOT USED	70-74			
DCF	75-77	E	DPCODE/SUPORG	Note 2
DCF	78	E	AWAY	
7D-79	79-80	E	RECTYP	7D

NOTES: 1. Marine Corps mandatory (only applies to individuals assigned to Marine Corps activities), USN optional.

2. Enter the local supply organization code of where the document originated.

Data Entry Format No. 11

DATA ENTRY FORMAT NO.	11	RECORD TYPE	7E
DESCRIPTION	Naval Aircraft Flight Record (Logistics Data Depart)		
SOURCE DOCUMENT	OPNAV 3710/4		

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP LEFT	1-7	E	DOCNUM	
TOP RIGHT	8	N	PAGENR	
7E-9	9	N	LEGNR	
7E-10	10	A	EXCD	
7E-11	11	A	TMZONE	
7E-12	12-15	N	TIMDEP	
7E-16	16-19	N	DTEDEP	
7E-20	20-23	E	ICAODP	
NOT USED	24-36			
7E-37	37-39	N	PRI1	RJ
7E-40	40-42	N	PRI2	RJ
7E-43	43-45	N	PRI3	RJ
7E-46	46-48	N	PRI4	RJ
7E-49	49-51	N	PRI5	RJ
7E-52	52-56	N	CPCRGO	RJ
7E-57	57-59	N	OPPAX	RJ
7E-60	60-64	N	OPCRGO	RJ
7E-65	65	A	OPCCD1	
7E-66	66	A	OPCCD2	
7E-67	67-69	N	MAXPAX	RJ
7E-70	70-74	N	MAXCGO	RJ
DCF	75-77	E	DPCODE/SUPORG	Note 1
DCF	78	E	AWAY	
7E-79	79-80	E	RECTYP	7E

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 12

DATA ENTRY FORMAT NO.	12	RECORD TYPE	7F
DESCRIPTION	Naval Aircraft Flight Record (Logistics Data Arrive)		
SOURCE DOCUMENT	OPNAV 3710/4		

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP LEFT	1-7	E	DOCNUM	
TOP RIGHT	8	N	PAGENR	
7F-9	9	N	LEGNR	
7F-10	10	A	EXCD	
NOT USED	11			
7F-12	12-15	N	TIMARR	
7F-16	16-19	N	DTEARR	
7F-20	20-23	E	ICAOAR	
7F-24	24	A	SS	
7F-25	25-28	N	DIST	RJ
NOT USED	29-74			
DCF	75-77	E	DPCODE/SUPORG	Note 1
DCF	78	E	AWAY	
7F-79	79-80	E	RECTYP	7F

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 13

DATA ENTRY FORMAT NO.	13	RECORD TYPE	7G
DESCRIPTION	Naval Aircraft Flight Record (Weapons Proficiency Data)		
SOURCE DOCUMENT	OPNAV 3710/4		

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP LEFT	1-7	E	DOCNUM	
TOP RIGHT	8	N	PAGENR	
7G-9	9	N	LINE	
7G-10	10	A	EXCD	
7G-11	11	N	LINENR	
7G-12	12-18	E	TNGAR1	LJ
7G-19	19-20	N	TNGHR1	RJ
7G-21	21-27	E	TNGAR2	LJ
7G-28	28-29	N	TNGHR2	RJ
7G-30	30-33	E	ORD1	LJ
7G-34	34-35	E	DEL1	
7G-36	36-37	N	RUNS1	RJ
7G-38	38-40	E	SCORE1	RJ
7G-41	41-44	E	ORD2	LJ
7G-45	45-46	E	DEL2	
7G-47	47-48	N	RUNS2	RJ
7G-49	49-51	E	SCORE2	RJ
7G-52	52-55	E	ORD3	LJ
7G-56	56-57	E	DEL3	
7G-58	58-59	N	RUNS3	RJ
7G-60	60-62	E	SCORE3	RJ
7G-63	63-64	E	CD1	
7G-65	65-67	N	DATA1	RJ
7G-68	68-69	E	CD2	
7G-70	70-72	N	DATA2	RJ
NOT USED	73-74			
DCF	75-77	E	DPCODE/SUPORG	Note 1
DCF	78	E	AWAY	
7G-79	79-80	E	RECTYP	7G

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 14

DATA ENTRY FORMAT NO. 14 RECORD TYPE 7Z

DESCRIPTION Individual Master Roster (NAVFLIRS-00)

SOURCE DOCUMENT NONE

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
	1-3	E	ORG	
	4-17	OTHER	NAME	
	18	A	FSTINT	
	19-20	E	GRADE	
	21-29	N	SSN	
	30	E	SVC	
	31-34	N	HRS	
	35-38	N	NATOPS	
	39-42	N	MED	
	43-46	N	INST	
	47-50	N	WATER	
	51-54	N	PHYSIO	
	55	N	ASC	
	56	A	SSC	
	57-60	N	SYLLAB	
	61-64	N	RPDATE	
NOT USED	64-74			
	75-77	E	DPCODE/SUPORG	1
NOT USED	78			
	79-80	E	RECTYP	7Z

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 15

DATA ENTRY FORMAT NO. 15 RECORD TYPE A

DESCRIPTION VIDS/MAF A Record

SOURCE DOCUMENT OPNAV 4790/60 Copy 1

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	
A08	8-10	E	JCNORG	
A11	11-13	N	JCNDAY	
A14	14-16	E	JCNSER	
A17	17-18	E	JCNSUF	
A19	19-21	E	WC	
A22	22-28	E	WUC	LJ
A29	29-31	E	ORG	
A32	32-33	N	TRCODE	
A34	34	N	ML	
A35	35	E	AT1	
A36	36-38	E	MAL1	
A39	39-40	N	IP	RJ
A41	41-44	N	MHRS	RJ
A45	45-47	N	EMT	RJ
A48	48-51	E	TEC	
A52	52-57	E	BUNO	RJ, ZF
A58	58	E	WD	
A59	59	E	TM	
A60	60-61	E	POS	
A62	62-64	E	FID	
A65	65-68	E	SAFSER	
A69	69-73	E	METER	
DCF	75-77	E	DPCODE/SUPORG	Note 1
DCF	78	E	AWAY	
-	79	A	RECTYP	A
NOT USED	80			

NOTE: 1. Enter the local supply organization code of where the document originated.

Data Entry Format No. 16

DATA ENTRY FORMAT NO. 16 RECORD TYPE A

DESCRIPTION MEASURE METER Card A Record

SOURCE DOCUMENT OPNAV 4790/58 (Green Copy)

	SOURCE BLOCKS				
VIDS/MAF BLOCK NO.	METER CARD BLOCK NO.	CARD COLUMNS	A, N, E OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	TOP RIGHT OF FORM (ITEM CONTROL NO.)	1-7	E	DOCNUM	Note 1
A08	20 1st 3 POS JCN	8-10	E	JCNORG	
A11	20 2nd 3 POS JCN	11-13	N	JCNDAY	
A14	20 3rd 3 POS JCN	14-16	E	JCNSER	
A17	20 LAST 2 POS JCN	17-18	E	JCNSUF	
A19	20 WC	19-21	E	WC	
A22	20 WUC	22-28	E	WUC	LJ
A29	20 ORG	29-31	E	ORG	
A32	20 TR	32-33	N	TRCODE	
A34	20 ML	34	N	ML	2
A35	20 AT	35	E	AT1	
A36	20 MAL	36-38	N	MAL1	
A39	20 IP	39-40	N	IP	RJ
A41	20 MHRS	41-44	N	MHRS	RJ
A45	20 EMT	45-47	N	EMT	RJ
A48	20 TEC	48-51	E	TEC	
A52	20 SER	52-57	E	BUNO	RJ, ZF
A58	20 DISC	58	E	WD	
A59	20 TM	59	A	TM	
	NOT USED	60-74			
DCF	DCF	75-77	E	DPCODE/SUPORG	Note 2
DCF	DCF	78	E	AWAY	
		79	A	RECTYP	A
	NOT USED	80			

NOTES: 1. Precede with zeros to ensure seven positions.

2. Enter the local supply organization code of where the document originated.

Data Entry Format No. 17

DATA ENTRY FORMAT NO. 17 RECORD TYPE B

DESCRIPTION VIDS/MAF B Record

SOURCE DOCUMENT OPNAV 4790/60 Copy 1

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	
B08	8-11	N	RECDAT	
B12	12-15	N	RECTIM	
B16	16-18	E	RECEOC	LJ, Note 1
B19	19-22	N	INDAT	
B23	23-26	N	INTIM	
B27	27-29	E	INEOC	LJ, Note 1
B30	30-33	N	COMDAT	
B34	34-37	N	COMTIM	
B38	38	N	AWMRS1	
B39	39-42	N	AWMHR1	RJ
B43	43	N	AWMRS2	
B44	44-47	N	AWMHR2	RJ
B48	48	N	AWMRS3	
B49	49-52	N	AWMHR3	RJ
B53	53	A	JS1	
B54	54-57	N	JSDAT1	
B58	58-61	N	JSTIM1	
B62	62-64	E	JSEOC1	LJ, Note 1
B65	65	A	JS2	
B66	66-69	N	JSDAT2	
B70	70-73	N	JSTIM2	
B74	74-76	E	JSEOC2	LJ, Note 1
NOT USED	77			
DCF	78	N	CORRCD	
	79	A	RECTYP	B
NOT USED	80			

NOTE: 1. Only the first position is entered. The second and third positions are computer generated.

Data Entry Format No. 18

DATA ENTRY FORMAT NO. 18 RECORD TYPE B

DESCRIPTION MEASURE METER Card B Record

SOURCE DOCUMENT OPNAV 4790/58 (Green Copy)

	SOURCE BLOCKS				
VIDS/MAF BLOCK NO.	METER CARD BLOCK NO.	CARD COLUMNS	A, N, E OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF	TOP RIGHT OF FORM	1-7	E	DOCNUM	Note 1
FORM	(ITEM CONTROL NO.)				
B08	20 E:REMOV/B:RCVD	8-11	N	RECDAT	
	NOT USED	12-18			
B19	20 IN WORK	19-22	N	INDAT	
	NOT USED	23-29			
B30	20 COMP	30-33	N	COMDAT	
	NOT USED	34-77			
DCF	DCF	78	N	CORRCD	
		79	A	RECTYP	B
	NOT USED	80			

NOTE: 1. Precede with zeros to ensure seven positions.

Data Entry Format No. 19

DATA ENTRY FORMAT NO. 19 RECORD TYPE C

DESCRIPTION VIDS/MAF C Record

SOURCE DOCUMENT OPNAV 4790/60 Copy 1

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	
C08	8	A	JS3	
C09	9-12	N	JSDAT3	
C13	13-16	N	JSTIM3	
C17	17-19	E	JSEOC3	LJ, Note 1
C20	20	A	JS4	
C21	21-24	N	JSDAT4	
C25	25-28	N	JSTIM4	
C29	29-31	E	JSEOC4	LJ, Note 1
C32	32	A	JS5	
C33	33-36	N	JSDAT5	
C37	37-40	N	JSTIM5	
C41	41-43	E	JSEOC5	LJ, Note 1
C44	44	A	JS6	
C45	45-48	N	JSDAT6	
C49	49-52	N	JSTIM6	
C53	53-55	E	JSEOC6	LJ, Note 1
C56	56	A	JS7	
C57	57-60	N	JSDAT7	
C61	61-64	N	JSTIM7	
C65	65-67	E	JSEOC7	LJ, Note 1
NOT USED	68-77			
DCF	78	N	CORRCD	
	79	A	RECTYP	C
NOT USED	80			

NOTE: 1. Only the first position is entered. The second and third positions are computer generated.

Data Entry Format No. 20

DATA ENTRY FORMAT NO. 20 RECORD TYPE D

DESCRIPTION VIDS/MAF D Record

SOURCE DOCUMENT OPNAV 4790/60 Copy 1

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	
D08	8	A	JS8	
D09	9-12	N	JSDAT8	
D13	13-16	N	JSTIM8	
D17	17-19	E	JSEOC8	LJ, Note 1
NOT USED	20-77			
DCF	78	N	CORRCD	
-	79	A	RECTYP	D
NOT USED	80			

NOTE: 1. Only the first position is entered. The second and third positions are computer generated.

Data Entry Format No. 21

DATA ENTRY FORMAT NO. 21 RECORD TYPE E

DESCRIPTION VIDS/MAF E Record

SOURCE DOCUMENT OPNAV 4790/60 Copy 1

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	Note 1
E08	8-12	E	MFGR1	LJ
E13	13-22	E	SER1	LJ
E23	23-37	E	PART1	LJ
E38	38-41	N	DATREM	
E42	42-46	E	TIMCY1	LJ
E47	47-51	E	TIMCY2	LJ
E52	52-56	E	TIMCY3	LJ
NOT USED	57-77			
DCF	78	N	CORRCD	
-	79	A	RECTYP	E
NOT USED	80			

NOTE: Do not enter E card if AT1 (Block A35) is equal to L, N, or W. This type of document should be batched separately.

Data Entry Format No. 22

DATA ENTRY FORMAT NO. 22 RECORD TYPE E

DESCRIPTION MEASURE METER Card E Record

SOURCE DOCUMENT OPNAV 4790/58 (Green Copy)

	SOURCE BLOCKS				
VIDS/MAF BLOCK NO.	METER CARD BLOCK NO.	CARD COLUMNS	A, N, E OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	TOP RIGHT OF FORM (ITEM CONTROL NO.)	1-7	E	DOCNUM	Notes 1, 4, & 5
E08	TOP LINE	8-12	N	MFGR1	LJ, Note 2
	(3) MFR CODE				
E13	TOP LINE	13-22	E	SER1	LJ, Note 2
	(4) SERIAL NUMBER				
E23	TOP LEFT OF FORM	23-37	E	PART1	LJ, Note 2
	(1) MODEL/PART NO.				
E38	(20) E:REMOV/B:RCVD	38-41	N	DATREM	
E42	CONSTANT - X0000	42-46	E	TIMCY1	LJ, Note 3
	NOT USED	47-77			
DCF	DCF	78	N	CORRCD	
		79	A	RECTYP	E
	NOT USED	80			

NOTES:

1. **Do not enter E card if AT1 (Block A35) is equal to L or N. This type of document should be batched separately.**
2. **If there is an entry in Blocks 1A, 3A, or 4A it takes precedence over Blocks 1, 3, or 4.**
3. **X0000 will be entered in this field for each E card.**
4. **Do not enter E card if TRCODE (Block A32) is equal to 11.**
5. **Precede with zeros to ensure seven positions.**

Data Entry Format No. 23

DATA ENTRY FORMAT NO. 23 RECORD TYPE F

DESCRIPTION VIDS/MAF F Record

SOURCE DOCUMENT OPNAV 4790/60 Copy 1

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	
F08	8	N	INTIND	Note 1
F09	9-10	N	TDCODE	RJ
F11	11-14	N	TDCBAS	RJ
F15	15	A	TDCREV	
F16	16	N	TDCAMD	
F17	17-18	N	TDCPRT	RJ
F19	19-20	E	TDCKIT	LJ
F21	21	E	INVCDE	
F22	22-27	N	PUC	
NOT USED	28-77			
DCF	78	N	CORRCD	
-	79	A	RECTYP	F
NOT USED	80			

NOTE: 1. Enter 1 if not blank.

Data Entry Format No. 24

DATA ENTRY FORMAT NO. 24 RECORD TYPE G

DESCRIPTION VIDS/MAF G Record

SOURCE DOCUMENT OPNAV 4790/60 Copy 1

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	Note 1
G08	8-12	E	MFGR2	LJ
G13	13-22	E	SER2	LJ
G23	23-37	E	PART2	LJ
G38	38-42	E	TIMCY4	LJ
G43	43-47	E	TIMCY5	LJ
G48	48-52	E	TIMCY6	LJ
NOT USED	53-77			
DCF	78	N	CORRCD	
-	79	A	RECTYP	G
NOT USED	80			

NOTE: 1. Do not enter G cards if AT1 (Block A35) is equal to N or W. This type of document should be batched separately.

Data Entry Format No. 25

DATA ENTRY FORMAT NO.	25	RECORD TYPE	H-Z
DESCRIPTION	VIDS/MAF H-Z Records		
SOURCE DOCUMENT	OPNAV 4790/60 Copy 1		

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
TOP OF FORM	1-7	E	DOCNUM	Note 3
H-Z08	8	N	FPIND	Note 1
H-Z09	9	N	AWPIND	Note 1
H-Z10	10	E	AT2	
H-Z11	11-13	N	MAL2	
H-Z14	14-18	E	MFGR3	LJ
H-Z19	19-33	E	PART3	LJ
H-Z34	34-40	E	REFSYM	LJ
H-Z41	41-42	N	QTY	RJ, ZF
H-Z43	43-44	N	PRI	
H-Z45	45-48	N	DATORD	
H-Z49	49-52	E	REQNUM	
H-Z53	53-56	N	DATREC	
NOT USED	57-77			
DCF	78	N	CORRCD	
H-Z79	79	A	RECTYP (INDEX)	Note 2
NOT USED	80			

NOTES: 1. Enter 1 if not blank.

2. Enter alpha character entered in index block. If index is blank, do not enter data on that line.

3. Do not enter H-Z cards if AT1 (Block A35) is equal to L or N. This type of document should be batched separately.

Data Entry Format No. 26

DATA ENTRY FORMAT NO. 26 RECORD TYPE 70

DESCRIPTION Equipment Master Roster (E-00)

SOURCE DOCUMENT NONE

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
	1-3	E	ORG	
	4-9	E	PUC	
	10-13	E	TEC	
	14-19	E	BU/SERNO	
NOT USED	20-21			
	22-25	N	DATE	
	26-29	N	TIME	
	30	E	INVCDE	
	31-35	E	METER	
NOT USED	36-73			
	74	N	CORRCD	1 or 2
	75-77	E	SUPORG	
	79-80	N	RECTYP	

Data Entry Format No. 27

DATA ENTRY FORMAT NO. 27 RECORD TYPE 79

DESCRIPTION Monthly Summary Record

SOURCE DOCUMENT NONE

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
	1-6	E	SERIAL	
	7-10	E	TEC	
	11-13	E	ORG	
	14-19	N	PUC	
	20-23	N	DATE	
	24-26	N	NMC HRS SCH	
	27-29	N	NMC HRS UNS	
	30-32	N	NMC HRS SUP	
	33-35	N	FLT HRS	
	36-38	N	NR FLTS	
	39-41	N	SHPOPS FLT HRS	
	42-44	N	SHPOPS NR FLTS	
	33	A	SE METER TYPE	
	34-37	N	SE UTILIZATION	
	45-47	N	EIS	
	48-50	N	EOS	
	51	E	INVCDE	
NOT USED	52-54			
	55-57	N	PMC HRS MNT	
	58-60	N	PMC HRS SUP	
	61-63	N	FMC HRS MNT	
	64-66	N	FMC HRS SUP	
	67-72	N	SCIR HRS	
NOT USED	73			
	74	N	CORRCD	1 or 2
	75-77	E	SUPORG	
	78	E	AWAY CODE	
	79-80	N	RECTYP	79

Data Entry Format No. 28

DATA ENTRY FORMAT NO.	28	RECORD TYPE	CR/DR
DESCRIPTION	Correction/Deletion Record		
SOURCE DOCUMENT	Daily Audit Report Part I, II, or III		

SOURCE BLOCK NO.	CARD COLUMNS	A, N, E, OTHER	DATA ELEMENT	SPECIAL INSTRUCTIONS
	1-3	E	ORG	Notes 1 & 15
NOT USED	4-7			
	8-13	E	BU/SERNO	Note 2
	8-16	N	SSN	RECTYP 7D Only
NOT USED	17-23			
	24-26	E	DATA SOURCE	Notes 3-7
NOT USED	27			
	28-42	OTHER	CORRECTED DATA	Notes 8 & 13
COMPUTER GENERATED	43-49	N	SERIAL NUMBER	Note 14
DCF	50	E	AWAY	
DCF	51-53	E	DPCODE/SUPORG	
NOT USED	54-64			
	65	N	PAGENR	RECTYPs 7C, 7E, 7F, OR 7G Only
	66	N	LINE/ LEGNR	RECTYPs 7C, 7E, 7F, OR 7G Only
	67-73	E	DOCNUM	Note 9
	74-75	N	TRCODE	Note 10
	76-77	E	SOURCE RECTYP	Note 11
NOT USED	78			
	79-80	A	RECTYP	Note 12

NOTES: 1. ORG will be entered in CC 1-3 of all correction/deletion records.

2. BU/SERNO is entered in correction/deletion records for all records except 60-67 or 7D.

3. Corrections to data elements for RECTYPs other than VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records, or NAVFLIRS RECTYPs, the data source will be taken from the data source header line of the DAR in the column corresponding to the data element being corrected. Although this will appear on the listing as a one or two position field, it will be right justified with leading zeros inserted.

4. When deleting records other than VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records, this field will be blank.

5. When making corrections to VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records, data source will be made up of the letter prefix from the far left side of the report

followed by the number contained in parentheses to the left of the data element being corrected; in the case of NAVFLIRS RECTYPs, the data source will be made up of the element contained in CC 80 followed by the data source header, except for NAVFLIRS RECTYPs 7D, 7E, or 7F, where the data source header will be used.

6. When deleting VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records the letter prefix will be entered in CC 24 with CC 25-26 being left blank.

7. For all records, other than VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records, or NAVFLIRS RECTYPs 7B-7G, the data source column headers on the DAR represent the beginning position of that field in the original data entry format for the applicable record.

8. When making corrections, this field will reflect the correct data. This will be the handscribed data above the lined out entry. When deleting a data element or complete record, this field will be left blank.

9. This field will reflect the DOCNUM for the corresponding record/RECTYP on the DAR that is being corrected/deleted.

10. This field will reflect the TRCODE displayed on the DAR. This only applies to data submitted on VIDS/MAF Copy 1 or METER Card (Green Copy).

11. This field will contain the RECTYP of the record being corrected/deleted. VIDS/MAF Copy 1 or METER Card (Green Copy) A-Z records will reflect VM.

12. CC 79 will contain the code which identifies the corrective action (C=change, D=delete). This code will be recorded under the CC column header at the far right side of the report for all records except VIDS/MAF Copy 1 and METER Card (Green Copy) DARs where this code will appear to the left of the letter prefix. CC 80 will contain R.

13. A correction record will be entered for each data element to be corrected. If two data elements in a single record require correction, two correction records will be entered.

14. This field will be machine generated for NAVFLIRS CR/DRs, CC 43-45 will reflect the Julian day the record entered the system and CC 46-49 will be assigned sequentially from 0001-9999.

15. When making corrections to NAVFLIRS RECTYPs 7B - 7G use ORG code on DAR from 7B record pos 21.