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COMPUTER OPERATION MANUAL(U) ARMY CONCEPTS ANALYSIS
AGENCY BETHESDA MD J J CONNELLY MAY 85
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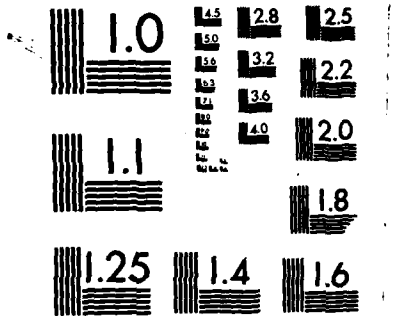

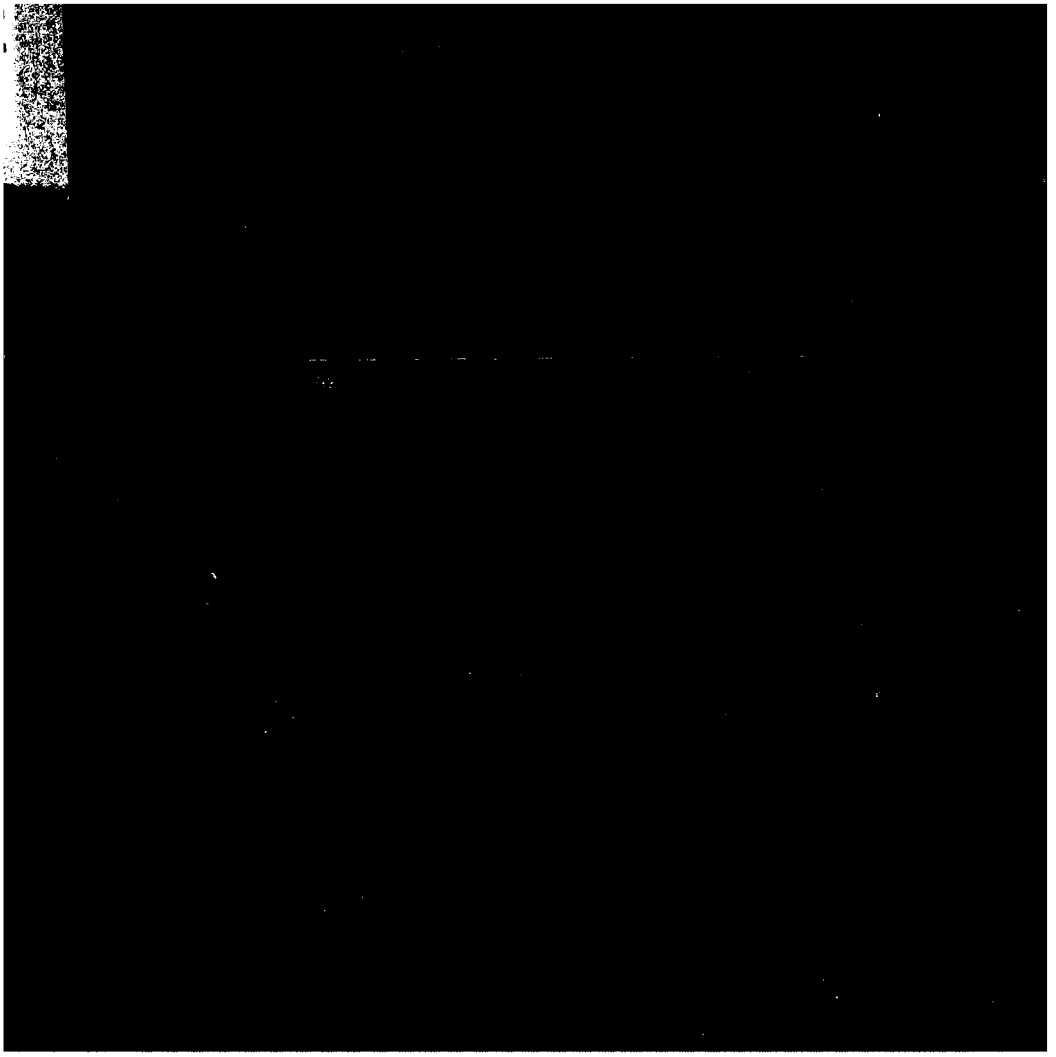

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A set of documentation has been reissued for the Effective Date (E-DATE) Model following DOD documentation standards (DOD 7935.1-S). The earlier documentation, including a volume of changes, is superseded by the new issue. Four types of documentation were generated as follows: A functional description, a user's manual, a computer operation manual, and a program maintenance manual (including system/subscription and program specifications into a single volume) The remaining documentation types described in the DOD standards were not considered applicable.		

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DOCUMENTATION
CAA-D-85-6

EFFECTIVE DATE (E-DATE) MODEL DOCUMENTATION VOLUME III - COMPUTER OPERATION MANUAL

MAY 1985

PREPARED BY
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FOREWORD

Documentation for the E-DATE Model was originally prepared under contract to the US Army Concepts Analysis Agency (CAA) by Technassociates, Inc. of Rockville, Maryland. As provided for in the contract, four volumes of documentation were produced to DOD Automated Data Systems Documentation Standards, DOD 7935.1-S (CAA-D-83-3, October 1983).

The requirements for the documentation were established by coordination among CAA, as model developer; the Logistics Evaluation Agency (LEA), as designated operator and maintainer of the model; and the Directorate for Plans and Operations, ODCSLOG as proponent for and user of the model.

The current revisions to the documentation were made by CAA to reflect enhancements to the E-DATE Model. These revisions supersede entirely the earlier documentation (CAA-D-83-3) as well as subsequent changes published in August 1984 (CAA-D-84-6).

RE: Rept. Nos. CAA-D-85-5, 6, 7
The classified references in these reports do not contain classified information per Mr. William J. Aldridge, Army Concepts Analysis Agency

EFFECTIVE DATE (E-DATE) MODEL DOCUMENTATION

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FIGURES

TABLES

SECTION 1. GENERAL DESCRIPTION

1.1 Purpose of the Computer Operation Manual. The objective of this Computer Operation Manual for the Effective Date (E-DATE) Model is to provide the computer operations personnel with an operational description of the system and its associated environment. The manual has been directed only to those aspects of the system with which operations personnel will be concerned during the performance of their duties.

1.2 Project References

a. Effective Date (E-DATE) Model Documentation, Volumes I, II, III, and IV, CAA-D-83-3, Technassociates, Inc., Rockville, MD and US Army Concepts Analysis Agency, Bethesda, MD, October 1983.

b. Effective Date (E-DATE) Model Documentation (an updated version of reference 1.2a above), CAA-D-85-6, US Army Concepts Analysis Agency, Bethesda, MD, May 1985.

(1) Volume I - Functional Description

(2) Volume II - User's Manual

(3) Volume III - Computer Operation Manual

(4) Volume IV - Program Maintenance Manual

c. Effective Date (E-DATE) Model Documentation Request Processor, CAA-D-84-6, US Army Concepts Analysis Agency, Bethesda, MD, August 1984.

d. Logistics: Total Army Equipment Distribution Program (TAEDP) User's guide, DESCOM-P 700-1, US Army Depot System Command, Chambersburg, PA, 2 May 1983.

1.3 Terms and Abbreviations. The following listing provides an explanation of any terms or acronyms subject to interpretation by the reader of this document.

CTU	Consolidated Table of Organization and Equipment Update
DAMPL	Department of the Army Master Priority List
E-DATE	Effective Date Assessment Model
FY	fiscal year
MACOM	major Army command
POM	Program Objective Memorandum
SRC	standard requirements code
TAEDP	Total Army Equipment Distribution Program

SECTION 2. SYSTEM OVERVIEW

2.1 System Application. The E-DATE Model provides information to logistics staff officers on the equipment readiness of units based on Total Army Equipment Distribution Program (TAEDP) projected equipment fills. With this information, the officer can form a judgment as to the adequacy of the fill with respect to both the capacity of an individual unit to carry out its mission and the capacity of groups of activated units to contribute to the force readiness.

The model operates in the planning space of the 7-year budgeting cycle provided by TAEDP, consisting of the current year, the budget year, and the 5 POM years. The logistics staff officer identifies to the model the units of interest.

The model accesses the appropriate data. It then computes and displays the readiness of the units by fiscal year.

The measure of readiness is the C-rating prescribed by AR 220-1, as applied (only) to the equipment assets of the unit. The rating is carried out in two steps. First, each item of unit equipment is rated by comparing the quantity on hand to the quantity required. In a second step, these individual ratings are aggregated into an overall rating for the unit. The rating takes into account the pacing ("mission essential") items in each unit and generates a single measure for each unit as follows:

Level C-1 At least 90 percent of the reportable equipment is present at 90 percent of the required quantities, and all (100 percent) of the pacing items of equipment are present at 90 percent or greater of the required quantities.

Level C-2 At least 90 percent of the reportable equipment is present at 80 percent of the required quantities, and all (100 percent) of the pacing items of equipment are present at 80 percent or greater of the required quantities.

Level C-3 At least 90 percent of the reportable equipment is present at 65 percent of the required quantities, and all (100 percent) of the pacing items of equipment are present at 65 percent or greater of the required quantities.

Level C-4 If not rated as above.

The model provides this rating information for each unit activated in the fiscal year indicated by the logistics staff officer for all remaining years in the planning cycle. In addition, the model maintains, in permanent storage, the detailed results on the rating of the individual equipment on which the overall unit rating is based. This information may either be accessed via terminal or made available in hardcopy form.

2.2 System Organization. The E-DATE Model is implemented as a set of three sequential processors and a fourth, offline processor which is used to control the other three. The sequential processors are: the Tape Processor, File Processor, and the Assessment Processor. The first of these three processors, the Tape Processor, performs the following functions:

- Selects, if specified by the user, the activated units throughout the 7-year planning cycle, based on the presence of an "A" indicator in the unit action code field.
- Selects, if specified by the user, the converted units throughout the 7-year planning period, based on the presence of a "C" code indicator in the unit action code field.
- Selects, if specified by the user, a group of special interest units specified by the user in an input file.
- Selects, if specified by the user, the units impacted by the CTU changes, based on the SRC list provided in the file corresponding to the Substantive Change Report.
- Provides a summary of the units involved in the processing.
- Selects, if specified by the user, the units identified to be the prototypes for the unprogramed units and the units identified to be the billpayer units.

The second of these sequential processors, the File Processor, functions as follows:

- Accepts an input specifying the selection criteria for the run.
- Scans the selected file (generated by the Tape Processor) for units meeting the selection criteria.
- Stores the unit/equipment data as sets of data by fiscal year.
- Sorts the data for each fiscal year in inverse DAMPL (unit priority) sequence and creates one large file for the Assessment Processor.
- Provides a summary of the records processed.

The final processor, the Assessment Processor, utilizes the extracted and reformatted data from the previous two processors in the followir manner:

- Selects the units to be rated through the use of parameters input by the user.
- Calculates the unit readiness based on the unit rating criteria defined in AR 220-1.
- Provides a rating summary depicting the rating of individual unit over time and the patterns of ratings of groups of units.
- Provides additional summary reports, including marginal rating summaries, to provide the logistics staff officer with additiona information concerning the unit ratings.
- Generates a worksheet to provide the logistics staff officer with a means of specifying those units to be uprated and those that ar acceptable for downrating in the redistribution being considered. These selections are later transferred into the model.
- Provides a file containing equipment rating data.

The offline processor is described in separate documentations. See Request Processor Documentation for the Effective Date (E-DATE) Mode (ref 1.2c).

Refer to Figure 2-1, System Flow, for a graphic description of this processing cycle.

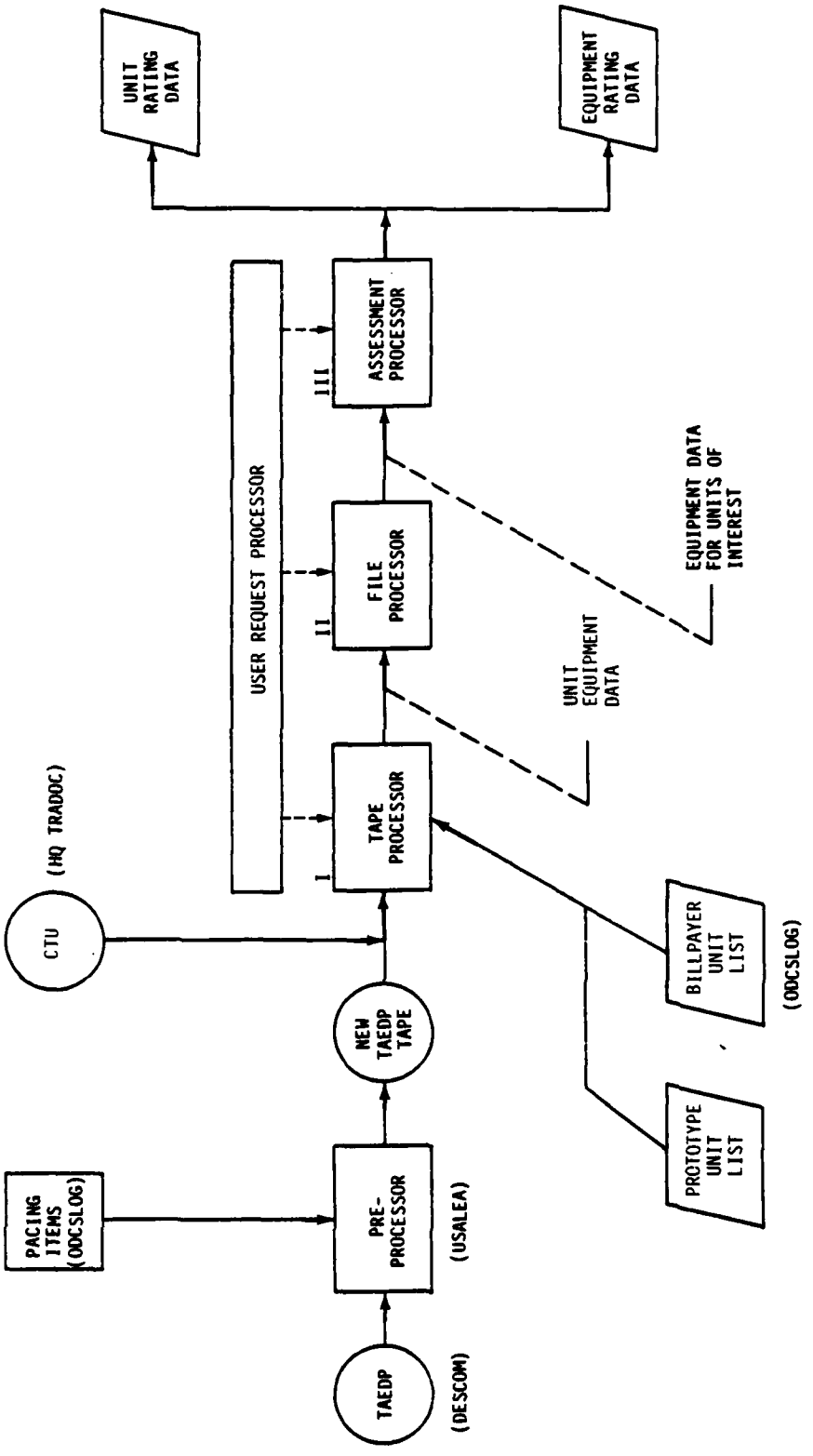

Figure 2-1. System Flow

2.3 Program Inventory. A listing of the program units (main program and related subroutines) for the three Tape, File, and Assessment Processors, as well as the file ID and security classification associated with each, are shown in Tables 2-1, 2-2, and 2-3, respectively.

2.4 File Inventory. The permanent files that are referenced, created, or updated by the system are shown in Table 2-4.

2.5 Processing Overview. The E-DATE Model is a decision support system for the logistics staff officer at ODCSLOG which permits the examination of two critical logistics issues: the logistic readiness of Army units and the redistribution of unit equipment, so as to improve the readiness of selected units.

The E-DATE Model is designed to operate from TAEDP data tapes as prepared by the Logistics Evaluation Agency (LEA). LEA receives TAEDP tapes from DESCOM approximately every 6 months and augments the data with the addition of "pacing" (items which are mission essential) and aircraft item data. The determination of which equipment items are "pacing items" is made by HQDA staff elements as coordinated by ODCSLOG.

Five methods are used by the model for selecting records from the TAEDP data as follows. The data for activated units and converted units is selected using the action code on the unit A-record. Units with a code value of "A" are selected as activated units, units with a code value of "C" are selected as converted units. The data for the CTU impacted units is selected by comparing the SRC of the unit (on the A-record) with the SRC list of CTU units on the Substantive Change Report file. The data for the unprogramed units is selected by (1) picking those units identified as prototypes by the user, and (2) picking those units identified as billpayers by the user. The data for special units is picked by matching TAEDP units to those in a special unit list prepared by the model user.

The model is operated from the ODCSLOG remote terminal facility at the Pentagon as well as at LEA.

2.6 Security and Privacy. All program code and listings are UNCLASSIFIED and require no special security considerations.

All output reports are CONFIDENTIAL and should be handled in a manner consistent with the guidelines at the sites of output (LEA or ODCSLOG).

The files utilized by the model have the report classification coded in position 7 of the file name. This position will contain one of the following codes indicating the report classification:

0 - UNCLASSIFIED
2 - CONFIDENTIAL
4 - SECRET

Table 2-1. Tape Processor Program Units

Program unit name	File ID	Security classification
MAIN-CHG	MTOE*TP3PRGØØ MAIN	UNCLASSIFIED
MAIN-MLT	MTOE*TP3PrGØØ MAIN	UNCLASSIFIED
MAIN-NON	MTOE*TP3PRGØØ MAIN	UNCLASSIFIED
ANYSRC	MTOE*TP3PRGØØ ANYSRC	UNCLASSIFIED
CHGLST	MTOE*TP3PRGØØ CHGLST	UNCLASSIFIED
CHKEQP	MTOE*TP3PRGØØ CHKEQP	UNCLASSIFIED
CHKSPC	MTOE*TP3PRGØØ CHKSPC	UNCLASSIFIED
CHKSRC	MTOE*TP3PRGØØ CHKSRC	UNCLASSIFIED
CNTLVL	MTOE*TP3PRGØØ CNTLVL	UNCLASSIFIED
CNTUFY	MTOE*TP3PRGØØ CNTUFY	UNCLASSIFIED
DECODE	MTOE*TP3PRGØØ DECODE	UNCLASSIFIED
DSYALL	MTOE*TP3PRGØØ DSYALL	UNCLASSIFIED
DSYCTL	MTOE*TP3PRGØØ DSYCTL	UNCLASSIFIED
DSYCT1	MTOE*TP3PRGØØ DSYCT1	UNCLASSIFIED
DSYCT2	MTOE*TP3PRGØØ DSYCT2	UNCLASSIFIED
DSYFY1	MTOE*TP3PRGØØ DSYFY1	UNCLASSIFIED
DSYFY2	MTOE*TP3PRGØØ DSYFY2	UNCLASSIFIED
DSYNP1	MTOE*TP3PRGØØ DSYNP1	UNCLASSIFIED
DSYNP2	MTOE*TP3PRGØØ DSYNP2	UNCLASSIFIED
DSYNW1	MTOE*TP3PRGØØ DSYNW1	UNCLASSIFIED
ENCOD	MTOE*TP3PRGØØ ENCOD	UNCLASSIFIED
PAGADV	MTOE*TP3PRGØØ PAGADV	UNCLASSIFIED
PIKCHG	MTOE*TP3PRGØØ PIKCHG	UNCLASSIFIED
PIKACT	MTOE*TP3PRGØØ PIKACT	UNCLASSIFIED
PIKCON	MTOE*TP3PRGØØ PIKCON	UNCLASSIFIED
PIKSPC	MTOE*TP3PRGØØ PIKSPC	UNCLASSIFIED
PIKNON	MTOE*TP3PRGØØ PIKNON	UNCLASSIFIED
RDRCD	MTOE*TP3PRGØØ RDRCD	UNCLASSIFIED
RDRQST	MTOE*TP3PRGØØ RDRQST	UNCLASSIFIED
RDRSPC	MTOE*TP3PRGØØ RDRSPC	UNCLASSIFIED
RDRTAPE	MTOE*TP3PRGØØ RDRTAPE	UNCLASSIFIED
TSTBIL	MTOE*TP3PRGØØ TSTBIL	UNCLASSIFIED
TSTNON	MTOE*TP3PRGØØ TSTNON	UNCLASSIFIED
WRBCD	MTOE*TP3PRGØØ WRBCD	UNCLASSIFIED
WRBLP	MTOE*TP3PRGØØ WRBLD	UNCLASSIFIED
WRBLPA	MTOE*TP3PRGØØ WRBLPA	UNCLASSIFIED
WRCCCT	MTOE*TP3PRGØØ WRCCCT	UNCLASSIFIED
WRCLS	MTOE*TP3PRGØØ WRCLS	UNCLASSIFIED
WRHDG	MTOE*TP3PRGØØ WRHDG	UNCLASSIFIED
WRNONA	MTOE*TP3PRGØØ WRNONA	UNCLASSIFIED
WRNMSG	MTOE*TP3PRGØØ WRNMSG	UNCLASSIFIED
WRRCD	MTOE*TP3PRGØØ WRRCD	UNCLASSIFIED
WSRCD	MTOE*TP3PRGØØ WRSCD	UNCLASSIFIED
WRTTL	MTOE*TP3PRGØØ WRTTL	UNCLASSIFIED
XLATE	MTOE*TP3PRGØØ XLATE	UNCLASSIFIED

Table 2-2. File Processor Program Units

Program unit name	File ID	Security classification
MAIN	MTOE*FP3PRGØØ MAIN	UNCLASSIFIED
ACCUM	MTOE*FP3PRGØØ ACCUM	UNCLASSIFIED
CNTLVL	MTOE*FP3PRGØØ CNTLVL	UNCLASSIFIED
CNTRCD	MTOE*FP3PRGØØ CNTRCD	UNCLASSIFIED
DECOD	MTOE*FP3PRGØØ DECOD	UNCLASSIFIED
DSYCTL	MTOE*FP3PRGØØ DSYCTL	UNCLASSIFIED
DSYSM1	MTOE*FP3PRGØØ DSYSM1	UNCLASSIFIED
DSYSM2	MTOE*FP3PRGØØ DSYSM2	UNCLASSIFIED
LOADA	MTOE*FP3PRGØØ LOADA	UNCLASSIFIED
LOADB	MTOE*FP3PRGØØ LOADB	UNCLASSIFIED
LOADBØ	MTOE*FP3PRGØØ LOADBØ	UNCLASSIFIED
LOADC	MTOE*FP3PRGØØ LOADC	UNCLASSIFIED
LOADD	MTOE*FP3PRGØØ LOADD	UNCLASSIFIED
LOADNA	MTOE*FP3PRGØØ LOADNA	UNCLASSIFIED
LOADT	MTOE*FP3PRGØØ LOADT	UNCLASSIFIED
MERGE	MTOE*FP3PRGØØ MERGE	UNCLASSIFIED
PAGADV	MTOE*FP3PRGØØ PAGADV	UNCLASSIFIED
WRCNTS	MTOE*FP3PRGØØ WRCNTS	UNCLASSIFIED
RDRCD	MTOE*FP3PRGØØ RDRCD	UNCLASSIFIED
SRTMRG	MTOE*FP3PRGØØ SRTMRG	UNCLASSIFIED
TSTCON	MTOE*FP3PRGØØ TSTCON	UNCLASSIFIED
TSTUNT	MTOE*FP3PRGØØ TSTUNT	UNCLASSIFIED
WRCLS	MTOE*FP3PRGØØ WRCLS	UNCLASSIFIED
WRCNTS	MTOE*FP3PRGØØ WRCNTS	UNCLASSIFIED
WRHDG	MTOE*FP3PRGØØ WRHDG	UNCLASSIFIED
WRRCD	MTOE*FP3PRGØØ WRRCD	UNCLASSIFIED
WRSKP	MTOE*FP3PRGØØ WRSKP	UNCLASSIFIED
WRTTL	MTOE*FP3PRGØØ WRTTL	UNCLASSIFIED
XLATE	MTOE*FP3PRGØØ XLATE	UNCLASSIFIED

Table 2-3. Assessment Processor Program Units

Program unit name	File ID	Security classification
MAIN-BAS	MTOE*AP3PRGØØ MAIN-BAS	UNCLASSIFIED
MAIN-TRL	MTOE*AP3PRGØØ MAIN-TRL	UNCLASSIFIED
BALBUF	MTOE*AP3PRGØØ BALBUF	UNCLASSIFIED
BLDADJ	MTOE*AP3PRGØØ BLDADJ	UNCLASSIFIED
BLDRTG	MTOE*AP3PRGØØ BLDRTG	UNCLASSIFIED
BLDTRL	MTOE*AP3PRGØØ BLDTRL	UNCLASSIFIED
CLRBUF	MTOE*AP3PRGØØ CLRBUF	UNCLASSIFIED
DSYBUF	MTOE*AP3PRGØØ DSYBUF	UNCLASSIFIED
DSYCTL	MTOE*AP3PRGØØ DSYCTL	UNCLASSIFIED
DSYCT1	MTOE*AP3PRGØØ DSYCT1	UNCLASSIFIED
DSYCT2	MTOE*AP3PRGØØ DSYCT2	UNCLASSIFIED
DSYCT3	MTOE*AP3PRGØØ DSYCT3	UNCLASSIFIED
DSYINP	MTOE*AP3PRGØØ DSYINP	UNCLASSIFIED
DSYSM1	MTOE*AP3PRGØØ DSYSM1	UNCLASSIFIED
DSYSM2	MTOE*AP3PRGØØ DSYSM2	UNCLASSIFIED
DSYSM3	MTOE*AP3PRGØØ DSYSM3	UNCLASSIFIED
DSYSM4	MTOE*AP3PRGØØ DSYSM4	UNCLASSIFIED
DSYTRL	MTOE*AP3PRGØØ DSYTRL	UNCLASSIFIED
DSYWS	MTOE*AP3PRGØØ DSYWS	UNCLASSIFIED
DSYXF1	MTOE*AP3PRGØØ DSYXF1	UNCLASSIFIED
DSYXF2	MTOE*AP3PRGØØ DSYXF2	UNCLASSIFIED
FILEBC	MTOE*AP3PRGØØ FILEBC	UNCLASSIFIED
FILEWS	MTOE*AP3PRGØØ FILEWS	UNCLASSIFIED
FRQCNT	MTOE*AP3PRGØØ FRQCNT	UNCLASSIFIED
GENBUF	MTOE*AP3PRGØØ GENBUF	UNCLASSIFIED
IOCTL	MTOE*AP3PRGØØ IOCTL	UNCLASSIFIED
LINTST	MTOE*AP3PRGØØ LINTST	UNCLASSIFIED
ORDBOF	MTOE*AP3PRGØØ ORDBOF	UNCLASSIFIED
PAGADV	MTOE*AP3PRGØØ PAGADV	UNCLASSIFIED
PIKUNT	MTOE*AP3PRGØØ PIKUNT	UNCLASSIFIED
RDRCD	MTOE*AP3PRGØØ RDRCD	UNCLASSIFIED
RDRTG	MTOE*AP3PRGØØ RDRTG	UNCLASSIFIED
RDWS	MTOE*AP3PRGØØ RDWS	UNCLASSIFIED
SAVID	MTOE*AP3PRGØØ SAVID	UNCLASSIFIED
TBLQTY	MTOE*AP3PRGØØ TBLQTY	UNCLASSIFIED
TBLRTG	MTOE*AP3PRGØØ TBLRTG	UNCLASSIFIED
TSTBUF	MTOE*AP3PRGØØ TSTBUF	UNCLASSIFIED
UICRTG	MTOE*AP3PRGØØ UICRTG	UNCLASSIFIED
UICTST	MTOE*AP3PRGØØ UICTST	UNCLASSIFIED
URATE	MTOE*AP3PRGØØ URATE	UNCLASSIFIED
WRCLS	MTOE*AP3PRGØØ WRCLS	UNCLASSIFIED
WRHDG	MTOE*AP3PRGØØ WRHDG	UNCLASSIFIED
WRRCD	MTOE*AP3PRGØØ WRRCD	UNCLASSIFIED
WRRTG	MTOE*AP3PRGØØ WRRTG	UNCLASSIFIED
WRTTL	MTOE*AP3PRGØØ WRTTL	UNCLASSIFIED
XFRDTA	MTOE*AP3PRGØØ XFRDTA	UNCLASSIFIED

Table 2-4. File Inventory

File name	File ID*	Storage medium	Required storage	Created by	Used by
Run Control	MTOE*DTACTL01	M/S	100	User	TP
	MTOE*DTACTL02	M/S	100	User	TP
	MTOE*DTACTL03	M/S	100	User	TP
	MTOE*DTACTL04	M/S	100	User	TP
	MTOE*RTGCTL01	M/S	100	User	TP
	MTOE*RTGCTL02	M/S	100	User	TP
	MTOE*DSTCTL01	M/S	100	User	TP
TAEDP Data	MTOE*MT003041	Tape**	9-10 reels	DESCOM/LEA	TP
Consolidated TOE Update (CTU)	MTOE*MTOSRC00	M/S	1,000	TRADOC	TP
Activated Unit File	MTOE*TP3ACT40	M/S	30,000	TP	FP
Converted Unit File	MTOE*TP3CON40	M/S	30,000	TP	FP
CTU Unit File	MTOE*TP3CHG40	M/S	30,000	TP	FP
Unprogramed Unit File	MTOE*TP3NON40	M/S	30,000	TP	FP
Special Unit File	MTOE*TP3SPC40	M/S	30,000	TP	FP
Selected Units File	MTOE*FP3PIK20	M/S	30,000	FP	AP
Skipped Items File	MTOE*FP3SKP20	M/S	1,000	FP	--
Unit Rating File	MTOE*AP3BAS 21...27	M/S	100	AP	AP
Item Rating File					
a. Base case	MTOE*AP3IRB 21...27	M/S	30,000	AP	AP
b. Trial case	MTOE*AP3IRT20	M/S	30,000	AP	AP

M/S = mass storage AP = Assessment Processor FP = File Processor TP = Tape Processor

**Tape characteristics: unlabeled, 9-track, 1,600 BPI, ASCII character set, quarter word sensitive.

SECTION 3. DESCRIPTION OF RUNS

3.1 Run Inventory. There is a total of six runs that may be executed by the model. The various runs, with a brief description of each, are detailed below:

Data Set Selection Runs

Three runs are possible for data set selection dependent on the user-specified data set (R). The runs are identified below:

- MLTUNT - This run would be specified if the user desires to select units from TAEDP corresponding to Activated Units, the Converted Units, and/or units of special interest.
- CHGUNT - This run would be specified if the user desires to select TAEDP units on the basis of the SRC equipment changes.
- NONUNT - This data set would be specified if the user desires to select units from the TAEDP data, which will become unprogramed units.

Unit Equipment Rating

Two runs are possible, dependent on the data set to be evaluated. The runs are identified below:

- RTGFYR - This run utilizes any file created by the Tape Processor, except that associated with the CHGUNT run.
- RTGCMD - This run utilizes the CHGUNT File created by the Tape Processor.

Unit Equipment Redistribution

One run is possible, which uses the file output of the Unit Equipment Rating run. The output carries a label in the first record which identifies the particulars of the data set present in the file, and this information is used to properly identify the run output.

- DSTFYR - This run utilizes the output from the RTGFYR run.

3.2 Run Execution Sequence. The execution of the model must be performed in sequence but need not be run as a group. The normal sequence of operations is as follows:

- A TAEDP tape is prepared by DESCOM and forwarded to the LEA Data Processing Center.

- The TAEDP data undergoes preprocessing at LEA in order to insert pacing item and aircraft item information.

- Personnel at ODCSLOG are informed by LEA of the availability of new TAEDP data.

- Personnel at ODCSLOG run the Data Set Selection, selecting from among the following:

  NONUNT - unprogramed units
  CHGUNT - units impacted by CTU
  MLTUNT - activated and/or converted and/or special units

- Once the data set selection is completed, ODCSLOG personnel run the Unit Equipment Rating, accessing those units desired from the data sets which have been prepared in the data set selection processing. This run rates all of the units with their existing equipment fills by FY.

- ODCSLOG personnel study the reports provided by the rating process and reach decisions on which units are to be uprated, in order to create a desired distribution of equipment and unit ratings. In order for specific units to be uprated, others will have to be selected as billpayer units for downratings.

- ODCSLOG personnel then run the Unit Equipment Redistribution to improve the mix of ratings of units by increasing some unit ratings and decreasing other unit ratings.

3.3 Run Description (Data Set Selection)

3.3.1 Control Inputs

The control inputs to the data set selection are contained in user prepared mass storage files as follows:

- MTOE*DTACLT01
- MTOE*DTACLT02
- MTOE*DTACLT03
- MTOE*DTACLT04

3.3.2 Management Information

a. Run Identification. The three basic runs are identified by the following run names:

Run	Processing
DTANON	Process unprogramed unit data set
DTACHG	Process changed unit data set
DTAMCT	Process any/all of other data sets

b. Peripheral and Resource Requirements. These runs will require two 9-track tape drives (max) and approximately 180K of memory.

c. Security Classification. All run outputs are classified as SECRET.

d. Initiation. The runs are initiated from the E-DATE Model Request Processor. The runstreams for these runs are prepared dynamically by the Request Processor and are transparent to the user. Samples of the runs are shown in the Request Processor Documentation.

e. Estimated Turnaround Time. A normal run of the Data Set Selection should require between 6-10 hours, depending upon the number of units being processed.

3.3.3 Input-Output Files. The following files are used as input:

Data	File
Run Control Parameters	MTOE*DTACTL01; Unit #2.
	MTOE*DTACTL02; Unit #4.
	MTOE*DTACTL03; Unit #8.
	MTOE*DTACTL04; Unit #10.
TAEDP File	MTOE*MTOO3041; Unit #7.
Consolidated TOE Update (CTU)	MTOE*MTOSRC00; Unit #9.

The following files are created as output:

Data	File
Activated Unit File	MTOE*TP3NEW40; Unit #11
CTU Unit File	MTOE*TP3CCT40; Unit #12
Converted Unit File	MTOE*TP3CON40; Unit #15
Unprogramed Unit File	MTOE*TP3NON40; Unit #14
Special Unit File	MTOE*TP3SPC40; Unit #19

A description of the above files may be obtained by referencing section 3.3.1 of the E-DATE Program Maintenance Manual.

3.3.4 Output Reports

The following output reports are produced by the data set selection process:

Report	Title
TP /1/	Unit Summary Report
TP /2/	FY Summary Report
TP /3/	Units Files Report
TP /4/	CTU SRC Summary Report
TP /5/	Units Scanned Report
TP /6/	CTU Unit Summary Report

Report samples are provided in both the Program Maintenance Manual and the User's Manual.

3.3.5 Restart/Recovery Procedures

If processing aborts, determine the reason from termination message, refer to the User's Manual for corrective action, correct as appropriate, and restart the run using the Request Processor.

3.4. Run Description (Unit Equipment Rating)

3.4.1 Control Inputs

The control inputs to the File Processor are contained in user prepared mass storage files.

- RTGCTLØ1 - all data sets except CHGUNT
- RTGCTLØ2 - CHGUNT data set

3.4.2 Management Information

a. Run Identification

The two basic runs are identified by the following run names:

Run	Processing
RTGFYR	Rating of all data sets except CHGUNT
RTGCMD	Rating of CHGUNT data set

b. Peripheral and resource requirements

These runs will require approximately 80K of core.

c. Security classification

All run outputs are considered CONFIDENTIAL.

d. Initiation

The runs are initiated from the E-DATE Model Request Processor. The runstreams for these runs are prepared dynamically by the Request Processor and are transparent to the user. An example of a run is shown in the Request Processor Documentation.

e. Estimated Turnaround Time

A normal run of the unit equipment rating should require between 4-8 hours, depending upon the number of units being processed.

3.4.3 Input-Output Files

The following files are used as input to the unit equipment rating process:

Data	File
Run Control Parameter File	MTOE*RTGCLT01; Unit #2
Activation Unit File	MTOE*TP3NEW40, Unit #20
CTU Units File	MTOE*TP3CHG40, Unit #20
Converted Unit File	MTOE*TP3CON40; Unit #20
Unprogramed Unit File	MTOE*TP3NON40; Unit #20
Special Unit File	MTOE*TP3SPC40; Unit #20

The following files are created as output:

Data	File
Selected Units File	MTOE*FP3PIK20
Skipped Items File	MTOE*FP3SKP20

3.4.4 Output Reports

The following output reports are produced by the unit equipment rating process:

Report	Title
FP /1/, FP /3/	Unit Summary
FP /2/, FP /4/	TAEDP Record Summary
AP /1/	Rating Count within FY
AP /2/	Rating Percent within FY
AP /3/	7-Year Summary I
AP /4/	7-Year Summary II
AP /5/	7-Year Summary I (CCT Units)
AP /6/	7-Year Summary II (CCT Units)
AP /7/	7-Year Summary III (CCT Units)

Report samples are provided in both the Program Maintenance Manual and the User's Manual.

3.4.5 Restart/Recovery Procedures

If processing aborts, determine the reason from the termination message, refer to the User's Manual for corrective action; correct as appropriate, and restart run using the Request Processor.

3.5 Run Description (Unit Equipment Redistribution)

3.5.1 Control Inputs

The control inputs to the Assessment Processor are contained in user prepared mass storage file *MTOE*DSTCTL01*.

3.5.2 Management Information

a. Run Identification

The run is identified by the following run name:

Run	Processing
DSTCTL01	Redistribution of unit equipment

b. Peripheral and resource requirements

These runs will require approximately 180K of core.

c. Security Classification

All runs are classified CONFIDENTIAL.

d. Initiation

The run is initiated from the E-DATE Model Request Processor. The runstreams for the run is prepared dynamically by the Request Processor and is transparent to the user. An example of the runstream is shown in the Request Processor Documentation.

e. Estimated Turnaround Time

A normal run of the Unit Equipment Redistribution should require between 4 to 8 hours depending upon the number of units being processed.

3.5.3 Input-Output Files

The following files are used as input to the Unit Equipment Redistribution.

Data	File
Run Control Parameter	MTOE*RTGCTL01, Unit #2
Rating Pool File	MTOE*DSTCTL01, Unit #2
Unit Rating File	MTOE*DSTCTL02, Unit #9
Base Case Item Rating	MTOE*AP3IRB21...27, Unit #7
Base Case Unit Rating	MTOE*AP3BAS 21...27, Unit #8

The following files are created as output from the Unit Equipment Redistribution:

Data	File
Item Rating File	MTOE*AP3IRT20

3.5.4 Other Reports

The following reports are produced by the Unit Equipment Redistribution process:

Report	Title
AP /1/	Rating Count within FY
AP /2/	Rating Percent within FY
AP /3/	7-Year Summary I Report
AP /4/	7-Year Summary II Report
AP /5/	7- year Summary I (CCT Units)
AP /6/	7-Year Summary II (CCT Units)
AP /7/	7-Year Summary III (CCT Units)
AP /8/	Item Transfer Summary
AP /9/	Worksheet
AP /10/	User Input
AP /11/	Shortage Detail
AP /12/	Billpayer Detail
AP /13/	Redistribution Units

Report samples are provided in both the Program Maintenance Manual and the User's Manual.

3.5.5 Restart/Recovery Procedures

If processing aborts, determine the reason from termination message, refer to User's Manual for corrective action, correct as appropriate, and restart run using the Request Processor.

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