DISCLAIMER

The findings of this report are not to be construed as an official Department of the Army position, policy, or decision unless so designated by other official documentation. Comments or suggestions should be addressed to:

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A plan for the systematic exercise of the capabilities of the E-DATE Model is presented. The plan used the computer-generated screens of the E-DATE Model Request Processor for user input and control of the demonstration sequences. A total of nine sequences are provided to present the model's capability to select data sets, rate unit equipment and redistribute unit equipment.
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SECTION 1. GENERAL DESCRIPTION

1.1 Purpose of Plan. This plan provides for the systematic exercise of the E-DATE Model capabilities. It demonstrates each basic model function for each type (set) of data handled by the model.

1.2 Project References


(1) Volume I - Functional Description
(2) Volume II - User's Manual
(3) Volume III - Computer Operation Manual
(4) Volume IV - Program Maintenance Manual


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.

 activated Units - Units introduced into the force within the 7-year slide definitions and for format planning cycle. The units are identified by a code in the TAEDP data.

 Changed Units - Units which have been impacted by the Consolidated TOE Update (CTU). The units are identified by reference to data from a TRADOC generated Substantive Change Report, provided as input to the model.

 Converted Units - Existing units in the force which have undergone one or more changes in equipment authorization within the planning cycle. The units involved are identified by a code in the TAEDP data.
Date Set Selection - The model operates by excerpting data from the source TAEDP data tape. Five different sets of data (i.e., activated units, changed units, converted units, special units and unprogramed units) can be excerpted and each is referred to as a data set.

Demonstration - An exhibition of selected capabilities of the model to inform observers as to the model performance and illustrate the principal outputs of the model, albeit with a small set of data.

Special Units - units of special interest to the model user and identified to the model by the user using the unit identification Code (UIC).

TAEDP - Total Army Equipment Distribution Program.

Unit Equipment Fill Rating - The computation of the extent of the equipment fill of the unit by the model per the C-rating computation procedure of AR 220-1.

Unit Equipment Redistribution - The transfer of equipment from one unit to another, by the model, under user control so as to improve the ratings of units gaining equipment at the possible expense of reductions in ratings of units losing equipment.

Unprogramed Units - Units which do not currently exist in the force, but which are introduced by the model as unequipped MTOEs and filled from assets of already existing units in the force using the model redistribution capability. The units so involved are identified by user specification to the model.
SECTION 2. DEMONSTRATION PLAN

2.1 Model Description

2.1.1 Background. The Concepts Analysis Agency (CAA) developed the Effective (E-DATE) Model in response to a request from the Deputy Chief of Staff for Logistics for development of a methodology to assist Logistics Staff Officers in responding to questions from the Deputy Chief of Staff for Operations about the adequacy of the equipment fills of unit involved in force structure changes. An efficient and analytical assessment process was desired which would address units over the seven years of the planning cycle. The measure of the adequacy of the equipment fill was to be the unit readiness concept defined in AR 220-1, as it applies to equipment readiness (personnel and other non-equipment issues are not included in the assessment).

The model output was to be available to Logistics Staff Officers, who would form a judgment as the adequacy of the unit equipment fills; both with respect to the capacity of individual units to carry out their missions and the capacity of groups of units to contribute to force readiness.

2.1.2 Model Configuration. The model consists of three in-line processors for readiness computation and one off-line processor for controlling the operation of the three in-line processors (see Figure 2-1).

2.1.3 Model Operation. The model has the capability to select and process five different types of units; namely, activated units, converted units, special units, changed units, and unprogramed units. With the exception of the changed units, the processing is identical for each of the groups. The processing for the changed units is different in that a special output is presented showing each unit's readiness condition both before and after the change, such that the impact of the change on the unit's readiness is readily apparent. In addition, summaries of the extent of the impact of the change for all the units involved are shown.
Figure 2-1. Model Configuration
### Figure 4-7: Unprogrammed Unit Demonstration, Step 7

**Select One Data Set**
- ( ) Activated Units
- ( ) Channed Units
- (X) Unprogrammed Units
- ( ) Converted Units
- ( ) Special Units

**Select next action below**
- Action: (X) Continue ( ) Exit

### Figure 4-8: Unprogrammed Unit Demonstration, Step 8

**Select Each MACOM of Interest**
- ( ) Europe
- ( ) Korea
- ( ) Alaska
- ( ) Panama
- ( ) Far East
- ( ) MACOM
- ( ) National Guard
- ( ) MACOM Depot Accts
- ( ) All MACOM

**Select next action below**
- Action: ( ) Continue (X) Exit ( ) Stop
Figure 4-5. Unprogrammed Unit Demonstration, Step 5

Figure 4-6. Unprogrammed Unit Demonstration, Step 6
**Figure 4-3. Unprogramed Unit Demonstration, Step 3**

**Figure 4-4. Unprogramed Unit Demonstration, Step 1**
E-OATE Model

Menu

Select Activity

( ) Orientation to Model

( X) Model Data Preparation

( ) Model Operation

Choose:

Select next action below

Action:

( X) Continue

( ) Stop

Figure 4-1. Unprogrammed Unit Demonstration, Step 1

E-OATE Model

Model Data Preparation

Screen 33

Select Data Preparation Sequence

( X) Data Set Parameters

( ) Rating Data Parameters

( ) Redistribution Data Parameters

Or...

Select Particular Data Screen

Screen Number (_)

Then...

Select Preparation Mode

( X) Create Data

( ) Edit Existing Data

Choose:

Select next action below

Action:

( X) Continue

( ) Exit

Figure 4-2. Unprogrammed Unit Demonstration, Step 2
Call Procedure

Call the Request Processor with the command:

@ADD,L RP1DMOOO.RUN/PLF

Enter selections or values onto successive screens as shown in the following sequence of figures.
SECTION 4. UNPROGRAMED UNIT DEMONSTRATION

The demonstration is carried out in a series of steps. Each step corresponds to an input entered onto a screen of the Request Processor as shown in a corresponding figure in the Plan. In addition to the figures, demonstration notes are provided which call for the Request Processor and provide for the monitoring of the execution of E-DATE Model runs.
Table 3-1. Model Demonstration Sequence

<table>
<thead>
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<td>Run 06</td>
</tr>
<tr>
<td>Special units</td>
<td>Run 06</td>
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3.3 Demonstration Constraints

a. The evaluation is conducted with a small sample of data to minimize run times and the consequent turnaround time from run-to-run. When run with production quantities of data, the model run times will increase from minutes (with the sample data) of the run to hours. This increased time may involve checkpoint of the run and possible additional increases in file size not encountered with a small data sample.

b. The selection of run conditions has been made as follows:

(1) Each of the five data sets are generated.

(2) Each data set is rated for one fiscal year except for the case of converted units, where multiple fiscal years are rated to demonstrate the model capability to rate consecutive fiscal years in a single run.

(3) Only the unprogramed unit data set is subject to a redistribution. This is the single data set where redistribution is an essential aspect of model operation to carry out the fill of the new units. This redistribution is representative of the manner in which redistribution would be carried out for the other data sets (except changed units, where the model does not support redistribution for this data set).

3.4 Demonstration Sequence. The evaluation sequence consists of a series of setups and executions of model runs which exercise the model functions, in turn, for each of the sets of data, subject to the evaluation constraints of the preceding paragraph, as shown in Table 3-1.
SECTION 3. PLAN ORGANIZATION

3.1 Model Functions Demonstrated. The Plan provides for the consideration of the each of the basic functions of the model as described in the following paragraphs.

3.1.1 Data Set Selection Function. The data set selection of the model is its capacity to retrieve the unit and associated equipment records from the TAEDP tape for one or more of the following data sets as identified by the user.

- Unprogramed Units
- Changed Units
- Activated Units
- Converted Units
- Special Units

3.1.2 Unit Equipment Rating Function. The unit equipment rating function of the model is its capacity to conduct a rating of each unit in a selected data set for each fiscal year (for non-changed units) or major command (for changed units only) identified by the user.

3.1.3 Unit Equipment Redistribution Function. The unit equipment redistribution function of the model is its capacity to conduct a redistribution of equipment from one unit to another following a user specification identifying the units to gain equipment and the units to lose equipment in the process.

3.2 Demonstration Methods. The following methods are used in the set-up and execution of the Plan.

a. Use the Request Processor to set up and initiate model operation.

b. Use a set of prepared test data, limited in the number of units present and the items of equipment per unit.

c. Provide for retrieval of the five data sets through each of the three functions described in the previous section.

d. Select one or more fiscal years' data from the data set, or in the instance of changed units, one or more MACOMs from the data set.

e. Inspect the resultant model outputs for compatibility with decisionmaking needs.
2.3.2.2 Test CTU Data. The data necessary to identify the units impacted by the Consolidated TOE Update (CTU), the changed units, is contained in the TRADOC Substantive Change Report (tape). An excerpt from this report containing data consistent with the units in the test TAEDP data is identified as:

MTOTST02

The excerpt is listed in Appendix B.

2.4 Security. All programs, data, model reports and forms used under the plan are UNCLASSIFIED.
2.3 Site Conditions

2.3.1 System. The plan requires that the system on which the demonstration is to be run be loaded with the following programs and their associated files:

- Request Processor (RP1DMG00) (Demonstration version)
- Tape Processor (TP3PRG00)
- File Processor (FP3PRG00)
- Assessment Processor (AP3PRG00)
- Sperry Display Processing System (DPS with E-DATE screens)
- File List Utility (MTOLST00)

The demonstration version of the Request Processor is an adaptation of the production version of the Request Processor (RP1PRG00). The demonstration version differs from the production version only in the deletion of legal value checks for fiscal year on Screen 04 (to allow use of FY 83 data), and the insertion of code to designate the model demonstration outputs as UNCLASSIFIED.

2.3.2 Data

2.3.2.1 Test TAEDP Data. The data used in the Plan is a specially prepared extract of TAEDP data from the FY 83 era, which has been declassified by modification and suppression of selected fields. Units are identified by a simple numeric sequence and pacing item information has been simulated by coding all radio equipment as pacing items. Only a fraction of the original unit equipment is present to conserve file space and expedite run execution. The units present in the test data set and their principal identifying data elements are summarized in Appendix A. The TAEDP test data file is identified as:

MTOTST01

The data in the file may be made available for inspection using the MTOLST00 file list utility. The command to call the utility is:

@ADD,L MTOLST00.RUN

Thereafter, respond to the prompt for file name with "MTOTST01" and the prompt for record word size with "60". Output the listing with the command @BK2.
Figure 2-3. Screen Flow
Figure 2-2. Screen Organization
As shown in Figure 2-1, the Tape Processor is the first of the in-line processors. It selects the data of interest from the augmented TAEDP tape (see next paragraph for discussion of data). As controlled by user input, the Tape Processor selects one or more data sets of interest, as identified by the user and passes this data to an output file in the same record format as the input record. The File Processor then accesses the Tape Processor output file and selects units from the file corresponding to a user selection of a range of one or more fiscal years within the planning cycle, or in the case of changed units, one or more major commands (MACOM) of interest. The File Processor then passes the selected data set as a reformatted set of records to the output file. The Assessment Processor then carries out rating or redistribution (a rating run must precede a redistribution run) as designated by the user. The results of the rating/redistribution are displayed for user inspection.

As also shown in Figure 2-1, the Request Processor operates off-line to control the operation of the three on-line processors. It does this by presenting the user with a sequence of computer generated screens on a computer terminal. These screens solicit the user for parameters to control the on-line model operation. The screens are designed and sequenced in their presentation in a manner which makes their use largely self evident. The organization of the screens is shown in Figure 2-2. The sequence of the screens and the various paths available, under the control of the user, are shown in Figure 2-3.

2.1.4 Model Data. As shown in Figure 2-1, the data for the model is taken from the TAEDP data extract tape. The additional data necessary is provided by special tasking of the appropriate staff elements and introduced into the TAEDP data records using a special preprocessor developed for the purpose by the Logistics Evaluation Agency (LEA).

2.2 Demonstration Organization. The demonstration is used to display the full range of model capability by generating a representative output for each in-line processor for each of the five data sets. The model Request Processor is used to control the demonstration, which provides a direct indication of the Request Processor operation.
E-DATE Model

Model Data Preparation

Screen 00

Select Data Preparation Sequence

( ) Data Set Parameters
( ) Rating Data Parameters
( X) Redistribution Data Parameters

Or...
Select Particular Data Screen

Screen Number (___)

Then...
Select Preparation Mode

( X) Create Data
( ) Edit Existing Data

Wng:
Select next action below

Action: ( X) Continue ( ) Exit

Figure 4-9. Unprogramed Unit Demonstration, Step 9

E-DATE Model

Redistribution Data Selection

Screen 00

Single Fiscal Year Selection

Select One FY

( ) FY83
( ) FY84
( X) FY85
( ) FY86
( ) FY87
( ) FY88
( ) FY89

Select One Data Set

( ) Activated Units
( ) Changed Units
( X) Unprogramed Units
( ) Converted Units
( ) Special Units

Wng:
Select next action below

Action: ( X) Continue ( ) Exit ( ) Sort

Figure 4-10. Unprogramed Unit Demonstration, Step 10
Figure 4-11. Unprogramed Unit Demonstration, Step 11

Figure 4-12. Unprogramed Unit Demonstration, Step 12
**Figure 4-13. Unprogramed Unit Demonstration, Step 13**

E-DATE Model  
Redistribution Data Parameters  
Unit Target Rating

TARGET C-RATING

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Msg: Select next action below  
Action: (X) Continue  
( ) Exit

**Figure 4-14. Unprogramed Unit Demonstration, Step 14**

E-DATE Model  
Model Data Preparation  
Screen D1

Select Data Preparation Sequence

( ) Data Set Parameters
( ) Rating Data Parameters
( ) Redistribution Data Parameters

Or...  
Select Particular Data Screen

Screen Number (_ _)

Then...  
Select Preparation Mode

( ) Create Data
( ) Edit Existing Data

Msg: Select next action below  
Action: (X) Exit  
( ) Continue
Figure 4-15. Unprogramed Unit Demonstration, Step 15

Figure 4-16. Unprogramed Unit Demonstration, Step 16
Figure 4-17. Unprogramed Unit Demonstration, Step 17
Monitor-Call Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command.

@@CONS RC DTANON

The system will reply with data on the run, including run lapsed time and run memory size. Continue to enter the command at convenient intervals (say ½ minute) until the system responds with:

RJN NOT FOUND

At this point, the job has been completed and will be shortly output onto the printer. Again call the Request Processor with the command:

@ADD,L RP1DM000.RUN/PLF

Enter selections or values onto successive screens as shown in the following sequence of figures.
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<td><em>( )</em> Orientation to Model</td>
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<td><em>( )</em> Model Operation</td>
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```plaintext
??: Select next action below
Action: *( )* Continue *( )* Stop
```

Figure 4-18. Unprogramed Unit Demonstration, Step 18

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<td><strong>Select Processing</strong></td>
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<td><em>( )</em> Generate Data Set - For CTU Units</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>( )</em> Generate Data Set - For Unprogramed Units</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>( )</em> Generate Data Set - For Other Units</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>( )</em> Rate Unit Equipment - Py FY (As Selected)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>( )</em> Rate Unit Equipment - Py MACOM (As Selected)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>( )</em> Redistr Unit Equipment - Py Single FY (As Selected)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>( )</em> Redistr Unit Equipment - Py Single MACOM (As Selected)</td>
<td></td>
</tr>
<tr>
<td><strong>Select Operation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>( )</em> Start Run</td>
<td><em>( )</em> Stop Run</td>
</tr>
</tbody>
</table>

```plaintext
???: Select next action below
Action: *( )* Continue *( )* Exit
```

Figure 4-19. Unprogramed Unit Demonstration, Step 19
E-DATE Model Menu Screen 01

Select Activity
1) orientation to Model
2) Model Data Preparation
3) Model Operation

* $2: Select next action below
  Action: ( ) continue  (X) stop

Figure 4-20. Unprogramed Unit Demonstration, Step 20
Monitor-Call Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

@@CONS RC RTGFYR

The system will reply with data on the run, including run lapsed time and run memory size. Continue to enter the command at convenient intervals (say 1/2 minute) until the system responds with:

RUN NOT FOUND

At this point, the job has been completed and will be shortly output onto the printer.

Again call the Request Processor with the command:

@ADD,L RP1DM000.RUN/PLF

Enter selections or values onto successive screens as shown in the following sequence of figures.
Figure 4-21. Unprogramed Unit Demonstration, Step 21

Figure 4-22. Unprogramed Unit Demonstration, Step 22
Figure 4-23. Unprogramed Unit Demonstration, Step 23
Monitor Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

@@CONS RC DSTFYR

The system will reply with data on the run, including run lapsed time and run memory size. Continue to enter the command at convenient intervals (say ½ minute) until the system responds with:

RUN NOT FOUND

At this point, the job has been completed and will be shortly output onto the printer.
SECTION 5. CHANGED UNIT DEMONSTRATION

The demonstration is carried out in a series of steps. Each step corresponds to an input entered onto a screen of the Request Processor as shown in a corresponding figure in the Plan. In addition to the figures, demonstration notes are provided which call for the Request Processor and provide for the monitoring of the execution of E-DATE Model runs.
Call Procedure

Call the Request Processor with the command:

```
MODEL RPIDMOOU.RUN/PLF
```

Enter selections or values onto successive screens as shown in the following sequence of figures.
**E-DATE Model**

*Rating Data Selection Screen 07*

*Fiscal Year Range Selection*

*From FY*  

| (X) FY 83  | (X) FY 83  |
| ( ) FY 84  | ( ) FY 84  |
| ( ) FY 85  | ( ) FY 85  |
| ( ) FY 86  | ( ) FY 86  |
| ( ) FY 87  | ( ) FY 87  |
| ( ) FY 88  | ( ) FY 88  |
| ( ) FY 89  | ( ) FY 89  |

*Select One Data Set*

- (X) Activated Units
- ( ) Changed Units
- ( ) Unprogrammed Units
- ( ) Converted Units
- ( ) Special Units

*Screen 08: Select next action below*

**Action:**  

| ( ) Continue | (X) Exit |

---

**E-DATE Model**

*Model Data Preparation Screen 07*

*Select Data Preparation Sequence*

- ( ) Data Set Parameters
- ( ) Rating Data Parameters
- ( ) Redistribution Data Parameters

*Or... Select Particular Data Screen*

**Screen Number (__)**

*Then... Select Preparation Mode*

- ( ) Create Data
- ( ) Edit Existing Data

*Screen 09: Select next action below*

**Action:**  

| ( ) Continue | (X) Exit |

---

Figure 6-5. Activated Unit Demonstration, Step 5

---

Figure 6-6. Activated Unit Demonstration, Step 6
Figure 6-3. Activated Unit Demonstration, Step 3

Select Data Sets Needed from TAEDP & Assion Identifier

Data Set Identifier (120 Max)

(X) Activated Units (Activation Year)
( ) Changed (CTU) Units
( ) Unprogrammed Units
(X) Converted Units (Conversion Year)
(X) Special Units

Select next action below
Action: ( ) Continue (X) Exit

Figure 6-4. Activated Unit Demonstration, Step 4

Select Data Preparation Sequence

( ) Data Set Parameters
(X) Rating Data Parameters
( ) Redistribution Data Parameters

Select Particular Data Screen
Screen Number (_)

Select Preparation Mode
(X) Create Data
( ) Edit Existing Data

Select next action below
Action: (X) Continue ( ) Exit
Figure 6-1. Activated Unit Demonstration, Step 1

Figure 6-2. Activated Unit Demonstration, Step 2
Call Procedure

Call the Request Processor with the command:

@ADD,L RP1UM000.RUN/PLF

Enter selections or values onto successive screens as shown in the following sequence of figures.
SECTION 6. ACTIVATED UNIT DEMONSTRATION

The demonstration is carried out in a series of steps. Each step corresponds to an input entered onto a screen of the Request Processor as shown in a corresponding figure in the Plan. In addition to the figures, demonstration notes are provided which call for the request Processor and provide for the monitoring of the execution of E-DATE Model runs.
Monitor Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

@@CONS RC RTGCMOD

The system will reply with data on the run, including run lapsed time and run memory size. Continue to enter the command at convenient intervals (say ½ minute) until the system responds with:

RUN NOT FOUND

At this point, the job has been completed and will be shortly output onto the printer.
E-DAT Model Menu Screen 01

Select Activity

( ) Orientation to Model

( ) Model Data Preparation

( ) Model Operation

Use: Select next action below

Action: ( ) Continue (X) Stop

Figure 5-12. Changed Unit Demonstration, Step 12
Figure 5-10. Changed Unit Demonstration, Step 10

Figure 5-11. Changed Unit Demonstration, Step 11
Monitor-Call Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

@@CONS RC DTACHG

The system will reply with data on the run, including run elapsed time and run memory size. Continue to enter the command at convenient intervals (say ½ minute) until the system responds with:

RUN NOT FOUND

At this point, the job has been completed and will be shortly output onto the printer.

Again call the Request Processor with the command:

@ADD,L RP10M000.RUN/PLF

Enter selections or values onto successive screens as shown in the following sequence of figures.
Figure 5-9. Changed Unit Demonstration, Step 9
Select Activity

( ) Orientation to Model
( ) Model Data Preparation
( ) Model Operation

Select next action below
Action: ( ) Continue ( ) Stop

Figure 5-7. Changed Unit Demonstration, Step 7

Select Processing

( ) Generate Data Set - For CTU Units
( ) Generate Data Set - For Unprogramed Units
( ) Generate Data Set - For Other Units
( ) Rate Unit Equipment - By FY (As Selected)
( ) Rate Unit Equipment - By MACOM (As Selected)
( ) Redistr Unit Equipment - By Single FY (As Selected)
( ) Redistr Unit Equipment - By Single MACOM (As Selected)

Select Operation

( ) Start Run ( ) Stop Run

Select next action below
Action: ( ) Continue ( ) Exit

Figure 5-8. Changed Unit Demonstration, Step 8
**E-DATE Model**

**Rating Data Selection**

**Screen 07**

* Fiscal Year Range Selection

- From FY
- To FY

- (X) FY33
- ( ) FY34
- ( ) FY35
- ( ) FY36
- ( ) FY37
- ( ) FY38
- ( ) FY39

* Select One Data Set

- ( ) Activated Units
- (X) Changed Units
- ( ) Unprogrammed Units
- ( ) Converted Units
- ( ) Special Units

**Wsg:**

Select next action below

Action: ( ) Continue (X) Exit

---

**E-DATE Model**

**Model Data Preparation**

**Screen 12**

* Select Data Preparation Sequence

- ( ) Data Set Parameters
- ( ) Rating Data Parameters
- ( ) Redistribution Data Parameters

Or...

* Select Particular Data Screen

* Screen Number (_ _)

Then...

* Select Preparation Mode

- ( ) Create Data
- ( ) Edit Existing Data

**Wsg:**

Select next action below

Action: ( ) Continue (X) Exit

---

Figure 5-5. Changed Unit Demonstration, Step 5

Figure 5-6. Changed Unit Demonstration, Step 6
Figure 5-3. Changed Unit Demonstration, Step 3

Figure 5-4. Changed Unit Demonstration, Step 4
Select Activity

( ) Orientation to Model
( X ) Model Data Preparation
( ) Model Operation

***?
Select next action below
Action: (X) Continue ( ) Stop

Figure 5-1. Changed Unit Demonstration, Step 1

Select Data Preparation Sequence

( X ) Data Set Parameters
( ) Rating Data Parameters
( ) Redistribution Data Parameters

Or... Select Particular Data Screen
Screen Number (___)

Then... Select Preparation Mode

( X ) Create Data
( ) Edit Existing Data

***?
Select next action below
Action: (X) Continue ( ) Exit

Figure 5-2. Changed Unit Demonstration, Step 2
Figure 6-7. Activated Unit Demonstration, Step 2

Figure 6-8. Activated Unit Demonstration, Step 2
Figure 6-9. Activated Unit Demonstration, Step 9
Monitor-Call Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

@@CONS RC DTAMLT

The system will reply with data on the run, including run elapsed time and run memory size. Continue to enter the command at convenient intervals (say ½ minute) until the system responds with:

RUN NOT FOUND

At this point, the job has been completed and will be shortly output onto the printer.

Again call the Request Processor with the command:

@ADD,L RPIDMOO.RUN/PLF

Enter selections or values onto successive screens as shown in the following sequence of figures.
Figure 6-10. Activated unit Demonstration, Step 10

Figure 6-11. Activated Unit Demonstration, Step 11
Select Activity
1) Orientation to Model
2) Model Data Preparation
3) Model Operation

Figure 6-17. Activated Unit Demonstration, Step 12
Monitor Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

@@CONS RC RTGFYR

The system will reply with data on the run, including run lapsed time and run memory size. Continue to enter the command at convenient intervals (say 1/2 minute) until the system responds with:

RUN NOT FOUND

At this point, the job has been completed and will be shortly output onto the printer.
SECTION 7. CONVERTED UNIT DEMONSTRATION

The demonstration is carried out in a series of steps. Each step corresponds to an input entered onto a screen of the Request Processor as shown in a corresponding figure in the Plan. In addition to the figures, demonstration notes are provided which call for the Request Processor and provide for the monitoring of the execution of E-DATE Model runs.
Call Procedure

Call the Request Processor with the command:

```
ADD, L PP1DM000.RUN/PLF
```

Enter selections or values onto successive screens as shown in the following sequence of figures.
Figure 7-1. Converted Unit Demonstration, Step 1

Figure 7-2. Converted Unit Demonstration, Step 2
Figure 7-3. Converted Unit Demonstration, Step 3

Figure 7-4. Converted Unit Demonstration, Step 4
Figure 7-5. Converted Unit Demonstration, Step 5

Figure 7-6. Converted Unit Demonstration, Step 6
E-DATE Model Menu

Select Activity

1) Orientation to Model
2) Model Data Preparation
3) Model Operation

Ms: Select next action below
Action: 1) Continue (X) Stop

Figure 7-7. Converted Unit Demonstration, Step 7
Monitor Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

```plaintext
@@CONS RC RTGYR
```

The system will reply with data on the run, including run lapsed time and run memory size. Continue to enter the command at convenient intervals (say ½ minute) until the system responds with:

```
RUN NOT FOUND
```

At this point, the job has been completed and will be shortly output onto the printer.
SECTION 3. SPECIAL UNIT DEMONSTRATION

The demonstration is carried out in a series of steps. Each step corresponds to an input entered onto a screen of the Request Processor as shown in a corresponding figure in the Plan. In addition to the figures, demonstration notes are provided which call for the Request Processor and provide for the monitoring of the execution of E-DATE Model runs.
Call Procedure

Call the Request Processor with the command:

```plaintext
@ADD,1 RPIDMOO00.RUN/PLF
```

Enter selections or values onto successive screens as shown in the following sequence of figures.
**Figure 3-1. Special Unit Demonstration, Step 1**

Select Activity

- ( ) Orientation to Model
- (X) Model Data Preparation
- ( ) Model Operation

*Use:* Select next action below

Action: (X) Continue  ( ) Stop

**Figure 3-2. Special Unit Demonstration, Step 2**

Select Data Preparation Sequence

- ( ) Data Set Parameters
- (X) Rating Data Parameters
- ( ) Redistribution Data Parameters

Grant... Select Particular Data Screen

Screen Number ( _ _ )

Then... Select Preparation Mode

- (X) Create Data
- ( ) Edit Existing Data

*Use:* Select next action below

Action: (X) Continue  ( ) Exit
**Figure 8-3. Special Unit Demonstration, Step 3**

**E-DATE Model**

**Rating Data Selection**

**Fiscal Year Range Selection**

<table>
<thead>
<tr>
<th>From FY</th>
<th>To FY</th>
</tr>
</thead>
<tbody>
<tr>
<td>( ) FY 83</td>
<td>( ) FY 83</td>
</tr>
<tr>
<td>( ) FY 84</td>
<td>( ) FY 84</td>
</tr>
<tr>
<td>( ) FY 85</td>
<td>( ) FY 85</td>
</tr>
<tr>
<td>( ) FY 86</td>
<td>( ) FY 86</td>
</tr>
<tr>
<td>( ) FY 87</td>
<td>( ) FY 87</td>
</tr>
<tr>
<td>( ) FY 88</td>
<td>( ) FY 88</td>
</tr>
<tr>
<td>( ) FY 89</td>
<td>( ) FY 89</td>
</tr>
</tbody>
</table>

Select One Data Set

( ) Activated Units
( ) Changed Units
( ) Unprogrammed Units
( ) Converted Units
( ) Special Units

**Figure 8-4. Special Unit Demonstration, Step 4**

**E-DATE Model**

**Model Data Preparation**

**Select Data Preparation Sequence**

( ) Data Set Parameters
( ) Rating Data Parameters
( ) Redistribution Data Parameters

Or...

Select Particular Data Screen

Screen Number (___)

Then...

Select Preparation Mode

( ) Create Data
( ) Edit Existing Data

**Figure 8-3. Special Unit Demonstration, Step 3**

**E-DATE Model**

**Model Data Preparation**

Screen 37

Select Data Preparation Sequence

( ) Data Set Parameters
( ) Rating Data Parameters
( ) Redistribution Data Parameters

Or...

Select Particular Data Screen

Screen Number (___)

Then...

Select Preparation Mode

( ) Create Data
( ) Edit Existing Data

**Figure 8-4. Special Unit Demonstration, Step 4**
Figure 3-5. Special Unit Demonstration, Step 5

Figure 3-6. Special Unit Demonstration, Step 6
**E-DATe Model Menu Screen 01**

Select Activity

( ) Orientation to Model
( ) Model Data Preparation
( ) Model Operation

**Use:** Select next action below

**Action:** ( ) Continue (X) Stop

---

Figure 8-7. Special Unit Demonstration, Step 7
Monitor Procedure

At this point, the run has been started and is executing. Monitor the progress of the run with the command:

```
@@CONS RC RTGFYR
```

The system will reply with data on the run, including run lapsed time and run memory size. Continue to enter the command at convenient intervals (say 1/2 minute) until the system responds with:

```
RUN NOT FOUND
```

At this point, the job has been completed and will be shortly output onto the printer.
<table>
<thead>
<tr>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>EN (1ST SPY CH)</td>
<td>20</td>
<td>A</td>
<td>10A</td>
<td>NG</td>
<td>CM</td>
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<td>11774</td>
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<td>T2</td>
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<td>20</td>
<td>A</td>
<td>10A</td>
<td>NG</td>
<td>CM</td>
<td>0344730300</td>
<td>1</td>
<td>11774</td>
</tr>
<tr>
<td>T3</td>
<td>EN (3RD SPY CH)</td>
<td>20</td>
<td>A</td>
<td>10A</td>
<td>NG</td>
<td>CM</td>
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<td>11774</td>
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<td>CM</td>
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<td>1</td>
<td>11774</td>
</tr>
<tr>
<td>T5</td>
<td>EN VENT (T+C)</td>
<td>20</td>
<td>A</td>
<td>10A</td>
<td>NG</td>
<td>CM</td>
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<td>1</td>
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</tr>
<tr>
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<td>TT &amp; PARTING</td>
<td>20</td>
<td>A</td>
<td>10A</td>
<td>NG</td>
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<td>EN AIR ASSAULT</td>
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<td>A</td>
<td>10A</td>
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<td>1</td>
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</tr>
</tbody>
</table>

**APPENDIX A**

**UNITS IN TEST TAEOP DATA**
| UNIT ON THE SF | 073 FL | FA 07445470C | 2 | 12703 | 1 |
| UNIT ON the SF | 073 FL | FA 07445470C | 2 | 12703 | 1 |
| UNIT ON the SF | 073 FL | IN 074644017 | 2 | 12021 | 1 |

Key to Column Headings:

- **A**: Unit ID (Modified)
- **P**: Unit Name
- **I**: Initial
- **D**: Revision Code (Modified)
- **R**: Page
- **F**: Branch
- **B**: Standard Requirements Code (SFC)
- **M**: Authorized Level of Allowance (ALO)
- **T**: DML (Modified)
- **J**
### APPENDIX B

**CTU DATA FILE**

<p>| | | | |</p>
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<td>CD</td>
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**A** - STANDARD REQUIREMENTS CODE (SPC)

**B** - LINE ITEM NUMBER (LIN)

**C** - EQUIPMENT DESIGNATOR

**D** - EQUIPMENT CHANGE AMOUNT

**E** - EQUIPMENT FINAL AMOUNT

**F** - EQUIPMENT READINESS CODE

B-2