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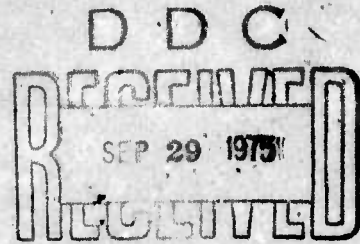
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Computer Assisted Deployment Planning Program (CADEPP)

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6 June 1975

Final Report - 6 June 1975



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Prepared in partial fulfillment of graduation requirements for:

U.S. Army Command and General Staff College, Fort Leavenworth, Kansas
66027

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Computer Assisted Deployment Planning Program (CADEPP)		5. TYPE OF REPORT & PERIOD COVERED Final Report 6 June 1975
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Cassius J. Mullen, LTC, FA, USA Eddie R. Sims, MAJ, AD, USA		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Student(s) at the U.S. Army Command and General Staff College during Academic Year 1974-75		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS U.S. Army Command and General Staff College ATTN: ATSW-DD Fort Leavenworth, Kansas 66027		12. REPORT DATE 6 June 1975
		13. NUMBER OF PAGES 13 pages
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Distribution limited to U.S. Government agencies only; Proprietary Information; 6 June 1975. Other requests for this document must be referred to U.S. Army Command and General Staff College, Fort Leavenworth, Kansas 66027.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES This study was prepared by a student(s) in partial fulfillment of graduation requirements for the U.S. Army Command and General Staff College.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) See Reverse Side		

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EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

This document describes the Computer Assisted Deployment Planning Program (CADEPP) and provides specific instructions for its use. CADEPP has been designed under the auspices of a student and faculty Strategic Mobility Study Effort to support ADP instructional requirements at the US Army Command and General Staff College. CADEPP has application throughout the CAC community and can be used in areas other than strategic mobility. CADEPP currently has two basic components: a data base (the Type Unit Force File) and a three part application program (the Movement Characteristics Identifier, the Gross Airlift Planner, and the Airlift Feasibility Estimator). Each of these components is described in detail in Part I of this document.

Copies of the program have been forwarded to the Air Command and Staff College, FORSCOM, and IIT Corps at their request. CADEPP is a first generation computer system representing the initial effort to provide the USACGSC with a computer assisted deployment planning capability. It is intended that the system will be expanded and refined over time through a continuing student-faculty effort.

U.S. ARMY COMMAND AND GENERAL STAFF COLLEGE

C A D E P P

COMPUTER ASSISTED DEPLOYMENT PLANNING PROGRAM

An ADP instructional support program prepared by the Joint and Combined
Operations Committee, Department of Strategy.

COMPUTER ASSISTED
DEPLOYMENT PLANNING PROGRAM
(CADEPP)

Introduction

Part I - System Description

- A - Type Unit Force File (TUFF)
- B - Movement Characteristics Identifier (MCI)
- C - Gross Airlift Planner (GAP)
- D - Airlift Feasibility Estimator (AFE)

Appendix A to Part I - Unit Record Description and Source Documentation

Part II - User Instructions

Part III - Type Unit Force File Index

Introduction

This document describes the Computer Assisted Deployment Planning Program (CADEPP) and provides specific instructions for its use. CADEPP has been designed under the auspices of a student and faculty Strategic Mobility Study Effort to support instructional requirements at the US Army Command and General Staff College. CADEPP currently has two basic components: a data base (the Type Unit Force File) and a three part application program (the Movement Characteristics Identifier, the Gross Airlift Planner, and the Airlift Feasibility Estimator). Each of these components is described in detail in Part I of this document.

CADEPP is a first generation computer system representing the initial effort to provide the USACGSC with a computer assisted deployment planning capability. It is intended that the system will be expanded and refined over time through a continuing student-faculty effort.

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LT Thomas Barger, MISO

PART I - System Description

A - The Type Unit Force File (TUFF)

1. The Type Unit Force File (TUFF) is an information file containing basic movement data for selected standard units. The data on Army units has been extracted from the Type Unit Data Army (TUDA) file, a Department of Army logistics information file, and is based on 100% TOE strength and equipment. Only one variation of each type unit has been included in the file. Data on other Service forces has been extracted from appropriate documents.
2. Each type unit has been assigned a five character alphanumeric Unit Entry Code (UEC). The first character represents Service (A, N, F); the second represents force category (combat, combat support, combat service support); the third character is unit unique; the last two characters are numeric and can indicate subordination or further identify a particular type unit.
3. A record is maintained for each separate type unit. Record information includes the following. (See Appendix A.)
 - a. Unit Entry Code.
 - b. Unit Name.
 - c. Standard Reference Code.
 - d. Unit Strength.
 - e. Short tons air transportable in CRAF, C130, C141, and C5 aircraft.
 - f. Measurement tons air transportable in CRAF, C130, C141, and C5 aircraft.
 - g. Load planning factors for CRAF, C130, C141, and C5 aircraft.
 - h. Non air transportable short tonnage and measurement tonnage.
 - i. Short tons of accompanying supplies (1 day).

B - The Movement Characteristics Identifier (MCI).

This portion of the program identifies for the planner specific unit related movement characteristics, including unit strength, bulk cargo, outsize cargo and non-airtransportable cargo. The program accesses the Type Unit Force File through the Unit Entry Code entered by the planner. Both single and multiple entries are accepted. The planner can isolate movement

characteristics for subordinate units down to maneuver battalions and can tailor forces by determining the mix and number of maneuver battalions.

C - Gross Airlift Planner (GAP).

1. The Gross Airlift Planner (GAP) provides the deployment planner with an initial estimate of gross airlift requirements for a deploying force both with and without CRAF cargo aircraft. It identifies requirements using the following criteria:

- a. C5 aircraft are used only for outsize loads.
- b. CRAF cargo aircraft are used only for TOE equipment compatible with aircraft capabilities.
- c. All other cargo is transported by C141 aircraft.
- d. CRAF passenger aircraft are used to transport personnel not accompanying unit cargo.

2. The program accesses the Type Unit Force File (TUFF) through the Unit Entry Code and determines the number of aircraft cargo sorties, the number of accompanying personnel, and the number of passengers requiring transportation on other than cargo aircraft for each type unit. When used in conjunction with the Movement Characteristics Identifier (MCI) the program automatically determines airlift requirements for the force entered in the MCI. When used separately the user must specify units by the appropriate Unit Entry Code.

D - Airlift Feasibility Estimator (AFE).

1. The Airlift Feasibility Estimator (AFE) determines for the planner the round trip flying time, the number of sorties launched per day, the take-off interval between aircraft, the projected closure data for each unit in the deploying force, the accumulative daily force build-up in the area of operations, the daily resupply requirement and the total sorties by type aircraft utilized during deployment. Additionally, if strategic airlift assets are used for resupply, the necessary sortie requirement is included in the daily closure computations.

2. In order to activate the Airlift Feasibility Estimator, the planner must build a planning factor file by responding to questions displayed at the terminal. The information in the planning factor file is required to perform the mathematical calculations used in determining closure data.

Unit Record Description and Source Documentation

1. Unit Record Description:

<u>Item</u>	<u>Field(s)</u>	<u>Description</u>	<u>Example</u>
1	1-4	Unit Entry Code	ACA000
2	5-6	Unit Name	Abn Div
3	7-8	Standard Reference Code	57000H310 00
4	9	Unit Strength	14128
5	10	CRAF(C) - Short Tons	1416
6	11	CRAF(C) - Measurement Tons	4666
7	12	CRAF(C) - Planning ACL	32.0
8	13	C130 - Short Tons	7118
9	14	C130 - Measurement Tons	41406
10	15	C130 - Planning ACL	10.6
11	16	C141 - Short Tons	-
12	17	C141 - Measurement Tons	-
13	18	C141 - Planning ACL	13.9
14	19	C5 - Short Tons	1585
15	20	C5 - Measurement Tons	11519
16	21	C5 - Planning ACL	54.6
17	22	Short Tons Non Air Transportable	-
18	23	Measurement Tons NAT	-
19	24	# units if more than one	-
20	25	One day Accom Supplies S/T	755.8

2. Source Documentation

Item 1 - Assigned by programmer.

Items 2, 3, 4, 5, 6, 8, 9, 11, 12, 14, 15, 17, 18, extracted from the

Type Unit Data Army (TUDA) File prepared by DA DCSLOG. Data current
as of Spring 1974.

Items 7, 10, 13, 16 - Extracted from AFM 76-2.

Item 19 - Determined by programmer.

Item 20 - Computed based on current planning consumption rates obtained

from the Department of Logistics:

Daily Consumption Rates in pounds per man per day:

Class 1 - 6.70

2 - 3.25

3 - 47.80

4 - 8.50

5 - 31.29

6 - 3.20

7 - 4.27

8 - 0.35

9 - 1.52

10 - -

106.89 or 107 lbs/man/day

1. Prior to Computer Operation.

a. CADEPP is a relatively extensive program and requires a considerable amount of time to run a lengthy force list in its entirety. It is therefore helpful if you arrive at certain preliminary decisions prior to activating the program.

b. First, you should have established a basic force list, knowing that you will have repeated opportunities to change that list during program operation. Certain parts of CADEPP may be helpful to you during force list development. If, for example, you are considering the merits of several similar units you may want to compare basic movement characteristics of those units. In that case activate the computer and use the Movement Characteristics Identifier (MCI) to determine that information.

c. Having established an initial force list it will be helpful if the units on that list are placed in the desired movement sequence. You will have an opportunity during the CADEPP operation to change movement priorities, however, time can be saved by keeping such changes to a minimum.

d. Next you must go to the Type Unit Force File Index (Part III) and determine the Unit Entry Code for each type unit on the force list. The Unit Entry Code should be listed next to each entry on the list. Additionally, for other than standard combat units (Airborne Division, Air Assault Division, Separate Airborne Brigade) the number and mix of maneuver battalions should be identified.

e. The following is a sample of a typical planner's worksheet for a deployment force package including Army and Air Force Units.

<u>Priority</u>	<u>Unit</u>	<u>Unit Entry Code</u>	<u>Maneuver Units</u>
1	Airborne Division	ACA00	
2	FA BN, 155 (SP)	ASC00	
3	Tac Ftr Sq	FFS01	18F4E
4	Corps HQ	ACL00	
5	Sig Bn (Corps)	ASO00	
6	TAM CO (DS)	ALC03	
7	Air Assault Division	ACB00	

8	FA BN, 155 (SP)	ASC00	
9	ADA BN, Hawk (SP)	ASS00	
10	Tac Ftr Sqd	FFS02	24F111
11	AF For Hq (3-Sq)	FCC01	
12	Cbt Spt Gp (1200)	FCS03	
13	Inf Div	ACE00	2 Tk, 6 IN, 2 Mech
14	HHC, COSCOM	ALA01	
15	Trans Term Svc Co	ALB09	

2. CADEPP Computer Operations.

a. After LOGIN is completed, the following sequence is commenced:

COMMAND - EDITOR

. . F,F
 . . FETCH, CADEPP, CGSC
 . . E, CADEPP, S
 . . ATTACH, TAPE 11, FORCES, ID = CGSC
 PF CYCLE NO. = 001
 . . ETL, 100
 . . RU, F

6.031 CP SECONDS COMPILATION TIME

(Note: Program is now running. The first program statement may be printed before the compile message; this is normal. Simply ignore the compile message in such case and answer the question presented to you by the program. During the program, follow all printed instructions explicitly. Failure to do so may cause an automatic abort by the system.)

b. You will now be offered a statement of program capabilities. Next you will be asked whether or not you desire to identify movement characteristics for your force. If you do, CADEPP will present you with a single or multiple entry option. If you do not, CADEPP will go directly to the next routine (see para F). Regardless of the entry mode, enter units using the Unit Entry Code (UEC). (Note: The last two characters of the UEC (ACA00) are numeric. The character 0 in the UEC represents a zero. Many computer terminal keyboards, however, use the Ø to represent the alphabetic letter O. In entering the UEC, therefore, caution must be exercised to insure that the proper numeric entry is made.)

c. If you use the multiple entry option, enter each Unit Entry Code, return the carriage, then wait for the request for next entry. When the last unit has been entered, the letter "D" indicates that the list is complete. The following is an example of multiple entry using the units listed in paragraph above.

ENTER EACH UNIT ENTRY CODE, THEN CARRIAGE RETURN.
WHEN ALL UNITS ARE IN, ENTER THE LETTER D.

ACAOO

NEXT ENTRY... ASCOO

NEXT ENTRY... FFS01

NEXT ENTRY... ACL00

NEXT ENTRY... ASØØØ

NEXT ENTRY... ALC03

NEXT ENTRY... ACB00

NEXT ENTRY... ASCOO

NEXT ENTRY... FFS03

NEXT ENTRY... FCC01

NEXT ENTRY... FCS03

NEXT ENTRY... ACE00

HØW MANY TANK BNS IN DIV (SEP BDE)? 2

HØW MANY INF BNS (NØN-MECH) IN DIV (SEP BDE)? 6

HØW MANY INF BNS (MECH) IN DIV (SEP BDE)? 2

NEXT ENTRY... ALA01

NEXT ENTRY... ALB09

NEXT ENTRY... D

d. The Movement Characteristics Identifier also provides you with an opportunity to selectively review the internal structure of Army combat units which you are considering for deployment. To do so, simply enter the first 3 characters of the UEC and then the carriage return.

NEXT ENTRY... ACB

FOLLOWING ARE THOSE UNITS SUBORDINATE TO THE AIR ASSAULT DIV
ENTRY UNIT NAME STREN BULK ST OTSZ ST NAT

ACB01 HQ & HQ CO	6700H110 01	192.	103.4	0.0	0.0
ACB02 MP CO	6700H110 02	158.	92.1	0.0	0.0
ACB03 AVN GP	6700H110 03	2581.	1955.4	958.0	0.0
ACB04 SIG BN	6700H110 00	461.	310.4	0.0	0.0
ACB05 EN BN	6700H110 05	723.	1027.2	162.6	0.0
ACB06 3 BDE HQ & HQ CO	6700H110 06	471.	212.3	25.7	0.0
ACB07 AIR CAV SQ	6700H110 07	932.	572.8	157.6	0.0
ACB08 DIV ARTY	6700H110 08	2479.	1795.8	125.2	0.0
ACB09 HHC SPT CMD	6700H110 09	175.	116.1	67.8	0.0
ACB10 DIV MAT MGT CTR	6700H110 10	150.	64.1	8.2	0.0
ACB11 AG CO SPT CMD	6700H110 11	274.	62.2	15.7	0.0
ACB12 FIN CO SPT CMD	6700H110 12	114.	34.8	0.0	0.0
ACB13 MED BN SPT C	6700H110 13	397.	251.6	25.7	0.0
ACB14 SUP & SER BN SPT CMD	6700H110 14	496.	633.0	142.7	0.0
ACB15 MAINT BN SPT CMD	6700H110 15	568.	605.2	152.3	0.0
ACB16 TRANS ACFT MNT BN	6700H110 16	517.	454.3	128.4	0.0
ACB17 ADA BN	6700H110 17	484.	508.6	0.0	0.0
ACB18 9 IN BN	6700H110 18	6516.	552.1	0.0	0.0

NOTICETHE ABOVE HAVE NOT BEEN ADDED TO YOUR FORCE!!

e. Finally, the Movement Characteristics Identifier will permit you to deploy Army divisions in brigade deployment echelons interspersed throughout the total force movement. Enter the division UEC, but change the final character to A, B or C, representing the three reinforced brigades of the division.

NEXT ENTRY... ACAOA

NEXT ENTRY... ASCOO

NEXT ENTRY... FFSO1

NEXT ENTRY... ACAOB

NEXT ENTRY... ACLOO

NEXT ENTRY... ASOOO

NEXT ENTRY... ACAOC

NEXT ENTRY... D

DO YOU DESIRE A REVIEW OF ENTRIES? (YES OR NO) YES

REVIEW YOUR ENTRIES

1= ACAOA	ABN BDE (+)
2= ASCOO	FA BN 155MM SP
3= FFSO1	TAC FIGHTER SQ
4= ACAOB	ABN BDE (+)
5= ACLOO	HHC-CPS OR ABN CPS
6= ASOOO	SIG BN (CORPS)
7= ACAOC	ABN BDE (+)

f. After the last entry, you will be given an opportunity to review your entries, and to replace or delete units on the force list or to add new units.

REVIEW YOUR ENTRIES

1= ACA00 AIRBORNE DIV
 2= ASC00 FA BN 155MM SP
 3= FFS01 TAC FIGHTER SQ
 4= ACLOO HHC-CPS OR ABN CPS
 5= AS000 SIG BN (CORPS)
 6= ALCO3 CO TRANS ACF MAINT
 7= ACBOO AIR ASSAULT DIV
 8= ASC00 FA BN 155MM SP
 9= ASS00 ADA BN HAWK (SP)
 10= FFS03 TAC FIGHTER SQ
 11= FCC01 AFFOR HQ
 12= FCS03 CBT SPT GP
 13= ACE00 IN DIV
 14= ALA01 HQ CORPS SPT CMD
 15= ALBO9 TRANS TERM SVC CO

DO YOU WISH TO REPLACE ANY OF THE ABOVE UNITS? (YES OR NO)? NO

DO YOU DESIRE TO DELETE ANY OF THE ABOVE (YES OR NO)? NO

DO YOU DESIRE TO ADD MORE UNITS (YES OR NO)? NO

g. After all changes to the force list have been made the unit movement characteristics will be printed and summarized.

THIS IS A LIST OF UNITS TO BE DEPLOYED

ENTRY	UNIT NAME	STD REF CODE	STREN	BULK ST	OTSZ ST	NAT
1=ACA00	AIRBORNE DIV	5700H310 00	14128.	8534.0	1585.0	0.0
2=ASCOO	FA BN 155MM SP	06365H000 00	540.	291.5	990.2	0.0
3=FFS01	TAC FIGHTER SQ	18F4E	470.	341.6	0.0	0.0
4=ACLOO	HHC-CPS OR ABN CP	52001H220 00	255.	77.3	82.0	0.0
5=AS000	SIG BN (CORPS)	11015G720 00	1040.	1717.5	71.4	0.0
6=ALCO3	CO TRANS ACF MAIN	55457H300 00	230.	277.5	265.1	0.0
7=ACBOO	AIR ASSAULT DIV	6700H110 00	17688.	9452.0	1971.0	0.0
8=ASCOO	FA BN 155MM SP	06365H000 00	540.	291.5	990.2	0.0
9=ASS00	ADA BN HAWK (SP)	44255H000 00	740.	1485.3	649.8	0.0
10=FFS03	TAC FIGHTER SQ	6F4D(WW)	174.	116.5	0.0	0.0
11=FCC01	AFFOR HQ	1-3SQ	636.	1522.3	0.0	0.0
12=FCS03	CBT SPT GP	BP-1200	294.	497.8	0.0	0.0
13=ACE00	IN DIV	0700H010 00	16228.	14680.6	15326.0	162.0
14=ALA01	HQ CORPS SPT CMD	54022G920 00	280.	61.2	16.9	0.0
15=ALBO9	TRANS TERM SVC CO	55117H310 00	313.	133.8	285.9	0.0

LISTED BELOW ARE TOTALS FOR THE ABOVE SELECTED UNITS

STREN	BULK CG	OTSZ CG	NAT
53556.	39480.4	22233.5	162.0

h. You will now be offered the option of determining the gross airlift requirements for your force. If you decline this option, CADEPP will go to the next routine (see para i). Once activated, this portion of the program provides you with approximate number of aircraft needed to lift each unit, both with and without CRAF cargo aircraft. It permits you to compare the relative airlift requirements of two or more units and to evaluate the effect of using CRAF cargo aircraft.

DO YOU DESIRE TO DETERMINE GROSS AIRLIFT REQUIREMENTS FOR YOUR FORCE AT THIS TIME? (YES OR NO) YES

DO YOU WISH TO MAKE ANY CHANGES IN YOUR FORCE BEFORE CONTINUING? (YES OR NO) NO

THE FOLLOWING DOES NOT UTILIZE CRAF CARGO AIRCRAFT.

CODE	UNIT NAME	CRAF CGO	C-141		C-5		CRAF PAX
			SRT	PAX	SRT	PAX	
1=ACAO0	AIRBORNE DIV	0	614	8596	30	2190	3342
2=ASCOO	FA BN 155MM SP	0	14	196	11	344	0
3=FFSO1	TAC FIGHTER SQ	0	16	224	0	0	246
4=ACLOO	HHC-CPS OR ABN CPS	0	6	84	2	146	25
5=ASO00	SI BN (CORPS)	0	79	1040	2	0	0
6=ALCO3	CO TRANS ACF MAINT	0	13	182	4	48	0
7=ACBOO	AIR ASSAULT DIV	0	733	10262	66	4818	2608
8=ASCOO	FA BN 155MM SP	0	14	196	11	344	0
9=ASSOO	ADA BN HAWK (SP)	0	68	740	10	0	0
10=FFSO3	TAC FIGHTER SQ	0	6	84	0	0	90
11=FCCO1	AFFOR HQ	0	70	636	0	0	0
12=FCSO3	CBT SPT GP	0	23	294	0	0	0
13=ACEOO	IN DIV	0	816	11424	198	4804	0
14=ALAO1	HQ CORPS SPT CMD	0	3	42	1	73	165
15=ALBO9	TRANS TERM SVC CO	0	7	98	5	215	0

LISTED BELOW ARE THE TOTAL AIRCRAFT SORTIES AND ACCOMPANYING PASSENGERS REQUIRED TO DEPLOY THE UNITS SELECTED

CRAF(C)			C-141		C-5		CRAF(P)	
SORTIES	SORTIES	PAX	SORTIES	PAX	PAX	SORTIES		
0	2482	34098	340	12982	6476	40		

THE FOLLOWING UTILIZES CRAF CARGO AIRCRAFT.

CODE	UNIT NAME	CRAF CGO	C-141		C-5		CRAF PAX
			SRT	PAX	SRT	PAX	
1=ACAO0	AIRBORNE DIV	45	513	7182	30	2190	4756
2=ASCOO	FA BN 155MM SP	2	12	168	11	372	0
3=FFSO1	TAC FIGHTER SQ	0	16	224	0	0	246
4=ACLOO	HHC-CPS OR ABN CPS	1	4	56	2	146	53
5=ASO00	SIG BN (CORPS)	5	72	1008	2	32	0
6=ALCO3	CO TRANS ACF MAINT	2	11	154	4	76	0
7=ACBOO	AIR ASSAULT DIV	67	569	7966	66	4818	4904
8=ASCOO	FA BN 155MM SP	2	12	168	11	372	0
9=ASSOO	ADA BN HAWK (SP)	3	65	740	10	0	0
10=FFSO3	TAC FIGHTER SQ	0	6	84	0	0	90
11=FCCO1	AFFOR HQ	0	70	636	0	0	0
12=FCSO3	CBT SPT GP	0	23	294	0	0	0
13=ACEOO	IN DIV	45	737	10318	198	5910	0
14=ALAO1	HQ CORPS SPT CMD	2	2	28	1	73	179
15=ALBO9	TRANS TERM SVC CO	1	6	84	5	229	0

LISTED BELOW ARE THE TOTAL AIRCRAFT SORTIES AND ACCOMPANYING PASSENGERS REQUIRED TO DEPLOY THE UNITS SELECTED

CRAF(C)			C-141		C-5		CRAF(P)	
SORTIES	SORTIES	PAX	SORTIES	PAX	PAX	SORTIES		
175	2118	29110	340	14218	10228	62		

1. The next portion of CADEPP is the Airlift Feasibility Estimator.

Once you determine that you are ready to plan for deployment, you will be able to change the movement sequence of your force and make any additional changes.

DO YOU DESIRE TO PLAN FOR DEPLOYMENT AT THIS
TIME? (YES OR NO) YES

DO YOU WISH TO MAKE ANY CHANGES IN YOUR FORCE
BEFORE CONTINUING? (YES OR NO) NO

ARE UNITS IN THE CORRECT MOVEMENT SEQUENCE? NO

ENTER LINE NUMBER OF UNIT, COMMA, LINE NUMBER OF UNIT IT IS TO PRECEDE.

WHEN FINISHED, ENTER 0,0

ENTER SEQUENCE CHANGE. 0,0

11,6

REVIEW YOUR ENTRIES

1=ACAOO	AIRBORNE DIV
2=ASCOO	FA BN 155MM SP
3=FFSO1	TAC FIGHTER SQ
4=ACLOO	HHC-CPS OR ABN CPS
5=ASO00	SIG BN (CORPS)
6=FCCO1	AFFOR HQ
7=ALCO3	CO TRANS ACF MAINT
8=ACBOO	AIR ASSAULT DIV
9=ASCOO	FA BN 155MM SP
10=ASSOO	ADA BN HAWK (SP)
11=FFSO3	TAC FIGHTER SQ
12=FCSO3	CBT SPT GP
13=ACEOO	IN DIV
14=ALAO1	HQ CORPS SPT CMD
15=ALBO9	TRANS TERM SVC CO

ARE UNITS IN THE CORRECT MOVEMENT SEQUENCE? YES

j. Once you are satisfied that units are in the desired sequence you will be asked a series of questions concerning airlift planning factors. You should obtain this data from your instructional material or other planning documents. Once the planning factor file is complete you will receive a print out of basic deployment information for your force.

k. In order to expedite terminal operations you should prepare a worksheet with planning factor data prior to running the Airlift Feasibility Estimator. Your worksheet should include the following information:

- (1) Distance from POE to POD (N. Miles).
- (2) Aircraft Utilization Rate (Hours).
- (3) Number of C5 and C141 aircraft available for planning purposes.
- (4) Whether or not CRAF aircraft will be used and, if so, the number of cargo and passenger aircraft available.
- (5) Whether or not the force will be resupplied by air and, if so, for how many days.
- (6) If resupply will be accomplished by air, will it include all

classes? If not, what classes will be excluded?

(7) Will C130 aircraft be available for resupply? If so, how many?

(8) How many days of supply will accompany deploying forces?

1. The following is a sample of the Airlift Feasibility Estimator in which a force deploys using only military airlift assets with no resupply or accompanying supply requirement.

WHAT IS THE DISTANCE IN NAUTICAL MILES FROM POE TO POD? 5000

WHAT IS THE AIRCRAFT UTILIZATION RATE IN HOURS? 10

HOW MANY C-5'S ARE AVAILABLE? 65

HOW MANY C-141'S ARE AVAILABLE? 200

DO YOU WANT TO USE CRAFT AIRCRAFT? (YES OR NO) NO

WILL STRATEGIC AIRLIFT ASSETS BE USED FOR RESUPPLY? (YES OR NO) NO

	C-5	C-141	CRAF(C)	CRAF(P)
RND TRIP FLYING TIME (HRS)	24.4	24.1	0.0	0.0
SORTIES LAUNCHED PER DAY	27	83	0	0
TAKEOFF INTERVAL (MIN)	53.3	17.3	0.0	0.0

HOW MANY DAYS OF SUPPLY WILL ACCOMPANY EACH UNIT? 0

THE FOLLOWING CLOSURE INFORMATION INCLUDES A DAILY STATEMENT OF RESUPPLY REQUIREMENTS FOR THE SUCCEEDING 24 HOUR PERIOD BASED ON ACCUMULATIVE STRENGTH IN COUNTRY. STRATEGIC AIRLIFT ASSETS HAVE NOT BEEN ALLOCATED TO TRANSPORT THIS REQUIREMENT.

FOLLOWING IS A DAY BY DAY LISTING OF
DEPLOYING FORCES

DATE	UNITS CLOSING	BUILD UP IN COUNTRY STRENGTH BULK(ST) OTSZ(ST)			24 HOUR RESUPPLY REQ
C+ 0		1523.	1606.0	132.0	81.4
C+ 1		4656.	4136.0	1188.0	248.8
C+ 2		7789.	6666.0	2244.0	416.3
C+ 3		10922.	9196.0	3300.0	583.7
C+ 4		14055.	11726.0	4356.0	751.2
C+ 5	AIRBORNE DIV FA BN 155MM SP TAC FIGHTER SQ HHC-CPS OR ABN CPS SIG BN (CORPS) AFFOR HQ	17188.	14256.0	5412.0	918.6
C+ 6	CO TRANS ACF MAINT	20321.	16786.0	6468.0	1086.1
C+ 7		23454.	19316.0	7524.0	1253.5
C+ 8		26587.	21846.0	8580.0	1420.9
C+ 9		29720.	24376.0	9636.0	1588.4

C+10		32853.	26906.0	10692.0	1755.8
C+11	AIR ASSAULT DIV	35986.	29436.0	11748.0	1923.3
	FA BN 155MM SP				
C+12	ADA BN HAWK (SP)	39119.	31966.0	12804.0	2090.7
	TAC FIGHTER SQ				
	CBT SPT GP				
C+13		42252.	34496.0	13860.0	2258.2
C+14		45385.	27026.0	14916.0	2425.6
C+15		48518.	39480.4	15982.0	2593.0
C+16		51651.	39480.4	17028.0	2760.5
C+17		53556.	39480.4	18084.0	2862.3
C+18		53556.	39480.4	19140.0	2862.3
C+19		53556.	39480.4	20196.0	2862.3
C+20		53556.	39480.4	21252.0	2862.3
C+21	IN DIV	53556.	39480.4	22233.5	2862.3
	HQ CORPS SPT CMD				
	TRANS TERM SVC CØ				

PART III - Type Unit Force File Index

<u>UNIT NAME</u>	<u>COMBAT</u>	<u>UNIT ENTRY CODE</u>
Airborne Division		ACA00
Airborne Brigade Package		ACA0A
Airborne Brigade Package		ACA0B
Airborne Brigade Package		ACA0C
Air Assault Division		ACB00
Air Assault Brigade Package		ACB0A
Air Assault Brigade Package		ACB0B
Air Assault Brigade Package		ACB0C
Infantry Division (Mechanized)		ACC00
Infantry Brigade (Mech) Package		ACC0A
Infantry Brigade (Mech) Package		ACC0B
Infantry Brigade (Mech) Package		ACC0C
Armor Division		ACD00
Armor Brigade Package		ACD0A
Armor Brigade Package		ACD0B
Armor Brigade Package		ACD0C
Infantry Division		ACE00
Infantry Brigade Package		ACE0A
Infantry Brigade Package		ACE0B
Infantry Brigade Package		ACE0C
Air Cavalry Combat Brigade		ACF00
Infantry Brigade (Separate)		ACG00
Armored Cavalry Regiment		ACH00
Tank Battalion		ACI00
Infantry Battalion		ACJ00
Infantry Battalion (Mechanized)		ACK00
HHC, Corps or Abn Corps		ACL00
Airborne Brigade (Separate)		ACM00
Armor Brigade (Separate)		ACN00

COMBAT SUPPORT

FA Bn, 3 in (SP)	ASA00
FA Bn, 155mm (T)	ASB00
FA Bn, 155mm (SP)	ASC00
FA Bn, TGT ACG	ASD00
HHB, FA Gp	ASE00
FA Bn, 105 T	ABA00
FA Bn, 175 SP	ABB00
HHB, Corps Arty	ABC00
HHC, En Cbt Bde	ABJ00
EN Co, LE (Abn)	ASF00
EN Co, Flt Brg	ASG00
EN Bn, Constr	ASH00
EN Equip Maint Co	ASI00
EN Cbt Bn (Corps)	ASJ00
EN Water Sup CO	ADA00
HHC EN Gp	ADB00
EN Panel Bdg Co	ADC00
EN Port Const Co	ADE00
EN Pipeline Const Co	ADF00
EN Det (Real Estate)	ABE00
EN Bn, Cbt (Abn)	ABN00
HHB, Avn Gp (Cbt)	ABH00
Avn Bn (Cbt)	ASK00
Avn Co, GS	ASL00
Avn Co (Corps)	ASM00
Surv Airplane Co	ASN00
Avn Co (Atk Hele)	ABI00
Avn Co (Aslt Hele)	ADI00
Avn Co (Aslt Spt Hele)	ADJ00
Air Trf Con	ABD00

UNIT NAME

UNIT ENTRY CODE

HHC, Sig Bde	ABK00
Sig Bn (Corps)	ASO00
Sig Bn (Abn Corps)	ASP00
Signal Bn (Area)	ADO00
Signal Spt Co	ADP00
Signal Op Co (ADA)	ADQ00
Signal Co (TROPO) (Lt)	ADR00
Signal Co (RAD-CAB)	ABL00
HHB, ADA Gp	ASQ00
ADA Bn, Hawk (Mobile)	ASR00
ADA Bn, Hawk (SP)	ASS00
ADA Bn, C/V (SP)	AST00
HHB, ADA Bn	ABM00
ADA Btry (Imp Hawk)	ABG00
Cml Det CBR (Sample & Anal)	ADG00
Cml Det CBRE	ADH00
HHC, ASA Bn (Corps)	ABF00
ASA Co (Div Spt)	ADL00
ASA Avn Co	ADM00
ASA Co (OP)	ADN00
HHC, MI Bn	ADX00
MI Co (Corps)	ADT00
MI Co (Div)	ADW00
MI Co (CI)	ADU00
MI Co (Aer Surv)	ADV00
MI Det (ARS)	ADS00

COMBAT SERVICE SUPPORT

HHC, Corps Spt Bde/Cmd	ALA01
Trans Move Con Cen (FAS)	ALB01
HHD TMT Gp	ALB02

<u>UNIT NAME</u>	<u>UNIT ENTRY CODE</u>
HHD TMT Bn	ALB03
Trans Lt Trk Co (5T)	ALB13
Trans Mdm Trk Co (Cargo)	ALB04
Trans Mdm Trk Co (Refer)	ALB05
Trans Mdm Trk Co (Petr1)	ALB06
Trans Car Co	ALB07
Trans Hvy Trk Co	ALB08
Trans Term Svc Co	ALB09
Trans Term Trf Co	ALB10
Trans Mdm Bt Co	ALB11
Trans Hvy Bt Co	ALB12
HHD, Acft Maint Bn (GS)	ALC01
Trans Acft Maint Co (GS)	ALC02
Trans Acft Maint Co (DS)	ALC03
Trans Flt Cr Maint Co (GS)	ALC04
HHB, Maint Bn (DS-GS)	ALC05
Maint Co, Rear (DS)	ALC06
Maint Co, Fwd (DS)	ALC07
Maint Co, LE (GS)	ALC08
Maint Co, Hvy (GS)	ALC09
Fld Svc Co (GS)	ALC10
SJA	ALD01
HHD, Pers & Admin Bn	ALD02
Pers Svc Co	ALD03
Postal Svc Org	ALD04
Repl Ops Tm	ALD05
Admin Svc Det	ALD06
Gen Sup Co (GS)	ALD07
HHD, MP Bn	ALD08
MP Co	ALD09
MP Scty Co	ALD10
MP Gd Co	ALD11

UNIT NAMEUNIT ENTRY CODE

MP Hosp Scty Plat	ALD12
MP Corr Fac Plat	ALD13
Fin Sec (Disb)	ALD14
HHC, Spt Gp	ALE01
Rep Parts Co (GS)	ALE02
Hvy Mat Sup Co	ALE03
Svc Co (Coll & Clas)	ALE04
Sup & Svc Co (DS)	ALE05
HHC, Sup & Svc Bn	ALE06
Gen Spt Co (GS)	ALE15
Rear Area Op Cen	ALE07
ADPU	ALE08
Airdrop Equip Rep & Sup Co	ALE09
QM Airdrop Sup Co	ALE10
Petr Pipel & Term Co	ALE11
HHC, Petr1 Sup Bn	ALE12
Petr1 Sup Co	ALE13
Avn Hvy Hele Co	ALE14
HHC, Petr Op-Bn	ALE16
Petr Op Co	ALE17
HHD, Med Gp	ALF01
Cbt Sup Hosp	ALF02
HHD, Med Bn	ALF03
Med Amb Co	ALF04
Med Clearing Co	ALF05
Med Air Amb Co	ALF06
Evac Hosp	ALF07
HHC, Ammo Gp (DS/GS)	ALG01
HHC, Ammo Bn (DS/GS)	ALG02
Ammo Co (Conv)	ALG03
Ammo Co (Spec)	ALG04

<u>UNIT NAME</u>	<u>UNIT ENTRY CODE</u>
EOD Det	ALG05
Shillelagh Spt Det	ALG06
Redeye Spt Det	ALG07
Msl Mnt Spt Det	ALG08
Test Mnt Det (DS/GS)	ALG09
Mnt Spt Det	ALG10
Shillelagh Mnt Det	ALG11
Redeye Mnt Cnt	ALG12
C/V Spt Det (DS/GS)	ALG13
FAAR Det (DS/GS)	ALG14

AIR FORCE UNITS

Tac Ftr Sq (18F-4E)	FFS01
Tac Ftr Sq (24F-111)	FFS02
Tac Ftr Sq (6F-4D) (Wild Weasel)	FFS03
Tac Ftr Sq (24A-7D)	FFS04
Tac Ftr Con Un (18 OV-10)	FFS05
Tew Sq (2 DC130, 2 CH-3, 64 RPV)	FES01
Recce Sq (6RF-4C)	FRS01
Recce Sq (18RF-4C)	FRS02
Air Rescue & Recovery Svce (HH-3E)	FRR01
Air Rescue & Recovery Svce (HC-130)	FRR02
Air Rescue & Recovery Svce (HH-43)	FRR03
AFFOR HQ (1-3 SQ)	FCC01
AFFOR HQ (4-6 SQ)	FCC02
AFFOR HQ (7-10 SQ)	FCC03
Tac Wing Hq (3-5 SQ)	FCC04
AF Bare Base Spt Ele	FCS01
Cbt Spt Gp (Base Pop - 400)	FCS02
Cbt Spt Gp (Base Pop - 1200)	FCS03
Cbt Spt Gp (Base Pop - 2400)	FCS04
Cbt Spt Gp (Base Pop - 3200)	FCS05

UNIT NAMEUNIT ENTRY CODE

Cbt Spt Gp (Base Pop - 3600)

FCS06

Cbt Spt Gp (Base Pop - 4000)

FCS07

OTHER FORCES

COSCOM - A "type" COSCOM capable of supporting a 3 division corps (+). The COSCOM has been further organized into six movement packages each capable of performing all support functions.

COSCOM	ALP00
Part 1	ALP01
Part 2	ALP02
Part 3	ALP03
Part 4	ALP04
Part 5	ALP05
Part 6	ALP06

Air Force Support Force - A similar support element has been developed to provide all functional requirements for up to 10 fighter, reconnaissance and tactical airlift squadrons operating from up to 4 bases.

Air Force Support Element	FLP00
Part 1	FLP01
Part 2	FLP02
Part 3	FLP03
Part 4	FLP04

Joint Communication Support Element (JCSE) - The Joint Communications Support Element (JCSE) is an organization assigned to the JCS which is capable of providing initial communications support for a deploying force. The advance element is known as the "Eye Beam" and includes a Joint Airborne Communications Center/Command Post. It consists of 8 officers and 55 enlisted personnel and is basically self deployable in C-130 aircraft. The follow on echelon, the "Show Beam" provides the necessary initial communication support for a corps size force. It includes 10 officers and 241 enlisted personnel.

JCSE - Show Beam

JCS00