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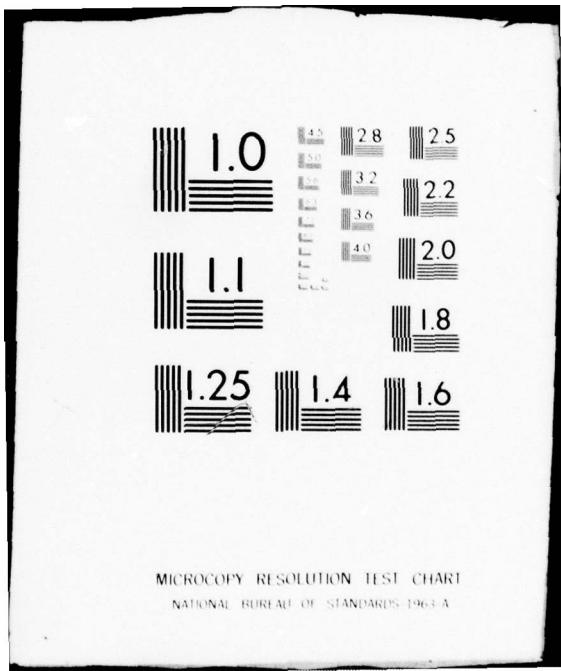
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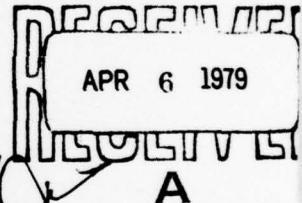
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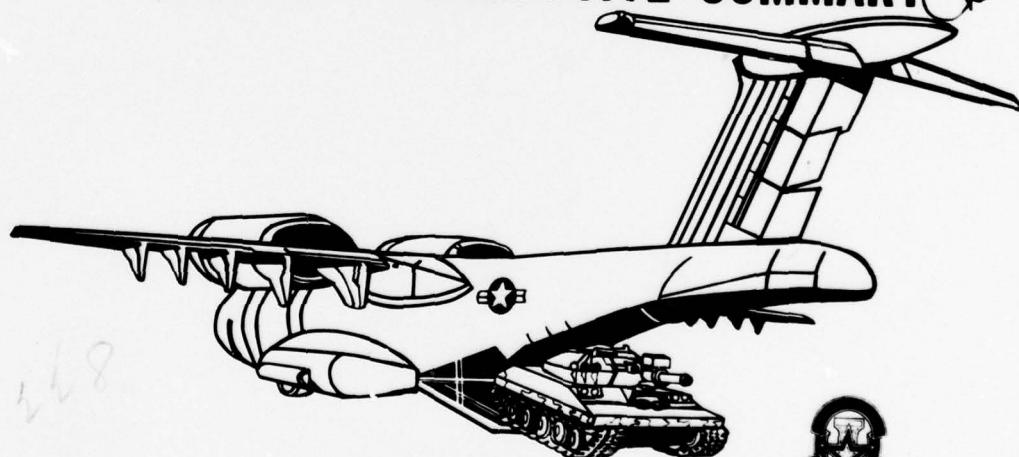
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VOLUME I - EXECUTIVE SUMMARY



UNITED STATES ARMY  
LOGISTICS CENTER  
FORT LEE, VIRGINIA 23801

NOVEMBER 1978

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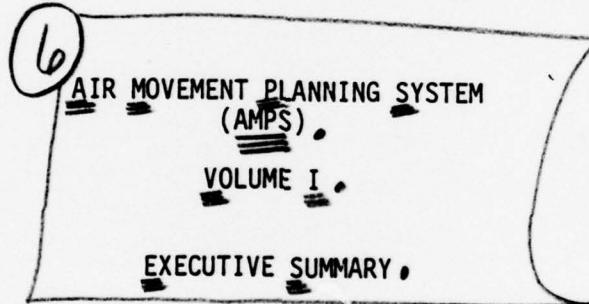
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UNITED STATES ARMY  
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FORWARD

This is the Draft Executive Summary Report for the Air Movement Planning System (AMPS). The study report is published in 3 volumes: The Executive Summary, The Users Guide, and The System/Programmers Guide.

The work reported herein was accomplished by the US Army Logistics Center, Fort Lee, Virginia. Functional assistance was provided by the US Army Transportation School, Fort Eustis, Virginia.

Users of this volume are encouraged to recommend changes and submit comments for its improvement. Comments should be keyed to the specific page, paragraph, and line of the text in which the change is recommended. Reasons will be provided for each comment to insure understanding and complete evaluation. Comments should be prepared using DA Form 2028 (Recommended Changes to Publications) and forwarded directly to the Commander, US Army Logistics Center, ATTN: ATCL-OS, Fort Lee, Virginia 23801.

This paper does not purport to represent any official position of the Department of the Army.

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## AIR MOVEMENT PLANNING SYSTEM

### EXECUTIVE SUMMARY

#### CHAPTER 1

##### GENERAL SYSTEM INFORMATION

1-1. TITLE. Air Movement Planning System (AMPS).

1-2. SCOPE.

a. The Air Movement Planning System is a computerized method of quickly and effectively planning cargo loads for C-130, C-141, and C-5 aircraft. It is primarily intended for use in Army unit moves, but its inherent flexibility makes it adaptable for movement of most types of cargo under various conditions.

b. The inherent model flexibility provides options that give AMPS a collateral capability in staff and major command planning of movements incident to contingency operations, in support of the strategic and tactical planning at all levels.

1-3. TERMS EXPLAINED. Unique terms are not used in this document. Unique terms used in Volumes II and III are defined in those documents.

1-4. OBJECTIVES.

a. Provide to Army units with an air movement mission an automated method of preparing effective load plans for USAF aircraft that will provide a timely response within the dynamic environment of joint airlift operations. The system must be fast, accurate, make efficient use of aircraft, incorporate commander's priorities, maintain unit integrity, link trailers and/or crews with their respective vehicles and link units with specific aircraft.

b. Present a standard format outlining the results of requirements computations. This is intended to facilitate and expedite Army-Air Force coordination in planning and executing joint air movements.

1-5. OPERATION.

- a. AMPS is operational at the US Army Logistics Center via terminal operation to a CDC 6400/6500 data processing system at Data Processing Field Office (DPFO) Fort Leavenworth, Kansas.
- b. AMPS has been tested on IBM-360 computers at Fort Bragg, North Carolina, Fort Hood, Texas, and Fort Lee, Virginia.
- c. A sample computer run has been included as Appendix A of this document.

## CHAPTER 2

### SYSTEM DESCRIPTION

2-1. NARRATIVE. The Air Movement Planning System (AMPS) is a system of computer programs that provides a method for rapidly and efficiently planning and manifesting loads of Army unit equipment and personnel for transport by C-130, C-141, and C-5 aircraft. The programs validate and process input data prepared and maintained by the Army unit describing the cargo to be moved in detail adequate for load planning. The Load Program is controlled by the characteristics of the aircraft being loaded and by parameters and options input by the unit, or by the commander of the force being moved.

2-2. INPUT. AMPS is designed to utilize the following types of input.

a. Passenger and Load Data Prepared by the Army Unit.

(1) Passengers are listed either by number of passengers or by passenger name.

(2) Cargo dimensions and weight are described as the items are to be offered to the carrier.

b. Options, Parameters, and Unit Sequence. The Major Army Command headquarters which is responsible for direction of the move prepares the input cards to select the options under which the programs are to be executed and the sequence in which the units are to be loaded.

c. Aircraft. The Major Army Command prepares cards describing the types and quantities of aircraft which are to be loaded, in accordance with information provided by the Military Airlift Command (MAC).

d. Helicopter File. The AMPS project manager at each installation will maintain a file (HELI-FILE) of helicopter type loads for input to AMPS.

2-3. PROGRAMS. AMPS includes the following programs:

a. AMPS-VALIDATE PROGRAM (AMPS-VAL). This program edits, sorts, and validates all input data created by the user in accordance with paragraph 2-2 above. The outputs include error diagnostics and a printout of the validated data. AMPS-VAL may be run as a unique program, or it may be run in conjunction with AMPS-LOAD. AMPS-VAL must be the first program executed.

b. AMPS-LOAD PROGRAM (AMPS-LOAD). Utilizing cargo, passenger, and aircraft input in accordance with paragraph 2-2, this program plans aircraft loads following the logical principles used by Air Force MAC loadmasters. Loads are designed to efficiently use the cube and weight capabilities of the aircraft being loaded and, subject to efficiency, follow priorities stated by the units. Cargo items are placed so that the aircraft is within balance limits for safe flight. Passengers are added, within weight limits, when there is adequate space for reasonably comfortable seating. Related cargo items (e.g., truck and trailer) are loaded together, and passengers identified as equipment operators are placed in the same aircraft as the equipment. Output from this program includes a load diagram, cargo manifest, and passenger manifest for each load, and a statistical recapitulation for each unit. A listing of either cargo and passengers not loaded, or aircraft not used, or both are included at the end of the processing run.

c. AMPS HELICOPTER STANDARD LOAD FILE MAINTENANCE PROGRAM (HELI-MAINT). This is a utility program used to update the Helicopter Standard Load File (HELI-FILE) which is used by AMPS-LOAD to control the loading of Army rotary-wing aircraft into USAF transport aircraft.

2-4. DOCUMENTS. In addition to this summary, AMPS includes the following documentation:

- a. Vol II--Functional System Users Guide.
- b. Vol III--System/Programmers Guide.

2-5. FORMS.

- a. AMPS-1.
  - (1) Card type "1," Options; selected by the user. (See Figure 2-1.)
  - (2) Card type "2," Title of Computer Run.
  - (3) Card type "3," Unit Sequence and Unit Combinations; selected by the user.
  - (4) Card type "4," Aircraft Parameters.
- b. AMPS-2. Card type "5." Format for Aircraft Data. (See Figure 2-2.)
- c. AMPS-3. Card type "6," Format for Cargo Data. (See Figure 2-3.)

d. AMPS-4. Card type "6," Format for Passenger Data. (See Figure 2-4.)

2-6. SYSTEM OVERVIEW CHART. See Figure 2-5.

Fig 2-1. Control Data Input Format.

Figure 2-2: Aircraft Data Input Format

SEE CHAPTER 2, USER MANUAL, FOR PREPARATION INSTRUCTIONS.

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Fig. 2-3. Cargo Data Input Format.

| AIR MOVEMENT PLANNING SYSTEM                              |   |      |   |    |   |             |   |             |    |    |    |          |    |     |    | POH ANPS-1 (TEST) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    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| SEE CHAPTER 2, USER MANUAL, FOR PREPARATION INSTRUCTIONS. |   |      |   |    |   |             |   |             |    |    |    |          |    |     |    | PASSENGER DATA    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    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|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       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| NAME  |   | SSAN |   | PI |   | LEAVE BLANK |   | LEAVE BLANK |    | PT |    | EQP LINE |    | QTY |    |                   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  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|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    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  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    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| UIC/TLLN  |   | RANK |   | P  |   | P           |   | P           |    | P  |    | P        |    | C   |    |                   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    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   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       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| 1   | 2 | 3    | 4 | 5  | 6 | 7           | 8 | 9           | 10 | 11 | 12 | 13       | 14 | 15  | 16 | 17                | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 8010 | 8011 | 8012 | 8013 | 8014 | 8015 | 8016 | 8017 | 8018 | 8019 | 8020 | 8021 | 8022 | 8023 | 8024 | 8025 | 8026 | 8027 | 8028 | 8029 | 8030 | 8031 | 8032 | 8033 | 8034 | 8035 | 8036 | 8037 | 8038 | 8039 | 8040 | 8041 | 8042 | 8043 | 8044 | 8045 | 8046 | 8047 | 8048 | 8049 | 8050 | 8051 | 8052 | 8053 | 8054 | 8055 | 8056 | 8057 | 8058 | 8059 | 8060 | 8061 | 8062 | 8063 | 8064 | 8065 | 8066 | 8067 | 8068 | 8069 | 8070 | 8071 | 8072 | 8073 | 8074 | 8075 | 8076 | 8077 | 8078 | 8079 | 8080 | 8081 | 8082 | 8083 | 8084 | 8085 | 8086 | 8087 | 8088 | 8089 | 8090 | 8091 | 8092 | 8093 | 8094 | 8095 | 8096 | 8097 | 8098 | 8099 | 80100 | 80101 | 80102 | 80103 | 80104 | 80105 | 80106 | 80107 | 80108 | 80109 | 80110 | 80111 | 80112 | 80113 | 80114 | 80115 | 80116 | 80117 | 80118 | 80119 | 80120 | 80121 | 80122 | 80123 | 80124 | 80125 | 80126 | 80127 | 80128 | 80129 | 80130 | 80131 | 80132 | 80133 | 80134 | 80135 | 80136 | 80137 | 80138 | 80139 | 80140 | 80141 | 80142 | 80143 | 80144 | 80145 | 80146 | 80147 | 80148 | 80149 | 80150 | 80151 | 80152 | 80153 | 80154 | 80155 | 80156 | 80157 | 80158 | 80159 | 80160 | 80161 | 80162 | 80163 | 80164 | 80165 | 80166 | 80167 | 80168 | 80169 | 80170 | 80171 | 80172 | 80173 | 80174 | 80175 | 80176 | 80177 | 80178 | 80179 | 80180 | 80181 | 80182 | 80183 | 80184 | 80185 | 80186 | 80187 | 80188 | 80189 | 80190 | 80191 | 80192 | 80193 | 80194 | 80195 | 80196 | 80197 | 80198 | 80199 | 80200 | 80201 | 80202 | 80203 | 80204 | 80205 | 80206 | 80207 | 80208 | 80209 | 80210 | 80211 | 80212 | 80213 | 80214 | 80215 | 80216 | 80217 | 80218 | 80219 | 80220 | 80221 | 80222 | 80223 | 80224 | 80225 | 80226 | 80227 | 80228 | 80229 | 80230 | 80231 | 80232 | 80233 | 80234 | 80235 | 80236 | 80237 | 80238 | 80239 | 80240 | 80241 | 80242 | 80243 | 80244 | 80245 | 80246 | 80247 | 80248 | 80249 | 80250 | 80251 | 80252 | 80253 | 80254 | 80255 | 80256 | 80257 | 80258 | 80259 | 80260 | 80261 | 80262 | 80263 | 80264 | 80265 | 80266 | 80267 | 80268 | 80269 | 80270 | 80271 | 80272 | 80273 | 80274 | 80275 | 80276 | 80277 | 80278 | 80279 | 80280 | 80281 | 80282 | 80283 | 80284 | 80285 | 80286 | 80287 | 80288 | 80289 | 80290 | 80291 | 80292 | 80293 | 80294 | 80295 | 80296 | 80297 | 80298 | 80299 | 80300 | 80301 | 80302 | 80303 | 80304 | 80305 | 80306 | 80307 | 80308 | 80309 | 80310 | 80311 | 80312 | 80313 | 80314 | 80315 | 80316 | 80317 | 80318 | 80319 | 80320 | 80321 | 80322 | 80323 | 80324 | 80325 | 80326 | 80327 | 80328 | 80329 | 80330 | 80331 | 80332 | 80333 | 80334 | 80335 | 80336 | 80337 | 80338 | 80339 | 80340 | 80341 | 80342 | 80343 | 80344 | 80345 | 80346 | 80347 | 80348 | 80349 | 80350 | 80351 | 80352 | 80353 | 80354 | 80355 | 80356 | 80357 | 80358 | 80359 | 80360 | 80361 | 80362 | 80363 | 80364 | 80365 | 80366 | 80367 | 80368 | 80369 | 80370 | 80371 | 80372 | 80373 | 80374 | 80375 | 80376 | 80377 | 80378 | 80379 | 80380 | 80381 | 80382 | 80383 | 80384 | 80385 | 80386 | 80387 | 80388 | 80389 | 80390 | 80391 | 80392 | 80393 | 80394 | 80395 | 80396 | 80397 | 80398 | 80399 | 80400 | 80401 | 80402 | 80403 | 80404 | 80405 | 80406 | 80407 | 80408 | 80409 | 80410 | 80411 | 80412 | 80413 | 80414 | 80415 | 80416 | 80417 | 80418 | 80419 | 80420 | 80421 | 80422 | 80423 | 80424 | 80425 | 80426 | 80427 | 80428 | 80429 | 80430 | 80431 | 80432 | 80433 | 80434 | 80435 | 80436 | 80437 | 80438 | 80439 | 80440 | 80441 | 80442 | 80443 | 80444 | 80445 | 80446 | 80447 | 80448 | 80449 | 80450 | 80451 | 80452 | 80453 | 80454 | 80455 | 80456 | 80457 | 80458 | 80459 | 80460 | 80461 | 80462 | 80463 | 80464 | 80465 | 80466 | 80467 | 80468 | 80469 | 80470 | 80471 | 80472 | 80473 | 80474 | 80475 | 80476 | 80477 | 80478 | 80479 | 80480 | 80481 | 80482 | 80483 | 80484 | 80485 | 80486 | 80487 | 80488 | 80489 | 80490 | 80491 | 80492 | 804 |

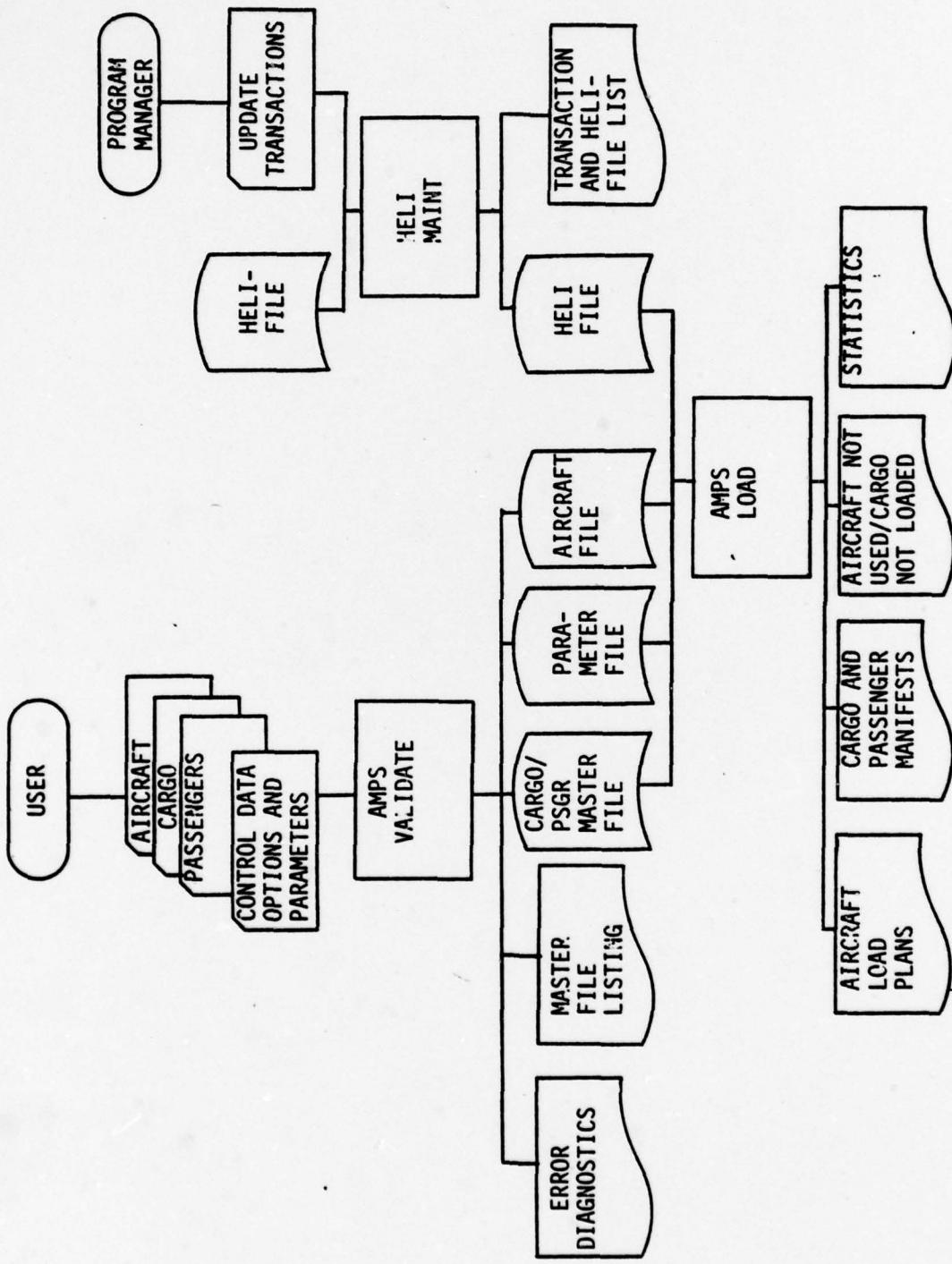


FIGURE 2-5 SYSTEM OVERVIEW CHART

APPENDIX A  
SAMPLE COMPUTER PROGRAM RUN

A computer run of the AMPS System is presented in this appendix.  
This output listing represents the results of a typical run of the  
documented operational version of the model.



• • • • • FRE DIAGNOSTICS

12  
11  
10  
9  
8  
7  
6  
5  
4  
3

AIR ENVOYMENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12/05/78 TIME 22:14:07 1  
\*\*\*\*\* SAMPLE RUN FOR EXECUTIVE SUMMARY

12  
11  
10  
9  
8  
7  
6  
5  
4  
3

PLK O&M PLANNING SYSTEM    U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA  
• • • • •    SAMPLE RUN FOR EXECUTIVE SUMMARY  
• • • • •    LOGISTICS OF INPUT

CASES    GENERAL CASED  
DATES    0100176160083601980088001    C00X6

12  
11  
10  
9  
8  
7  
6  
5  
4  
3

AIK MATERIEL PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12/04/73 TIME 22:14:07  
• • • • •  
SAMPLE RUN FOR EXECUTIVE SUMMARY  
• • • • •  
FILE # ..... CCEU1761C6830079600466001  
CITE # ..... 00A6  
GENERAL CITE#



AIR MOVEMENT PLANNING SYSTEM    U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA    DATE 12/05/76    TIME 22:14:31    S  
• • • • •

SAMPLE RUN FIR EXECUTIVE SUMMARY

PRIORITY DATA

| U I D | CUTSIZE CARGO WEIGHT | PRIORITY | COMPANY LTD |
|-------|----------------------|----------|-------------|
| CAT05 |                      | 1        |             |
| CAT06 |                      | 2        |             |

12 11 10 9 8 7 6 5 4 3

AIR MOVEMENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 10/05/76 TIME 22:14:11 6  
\*\*\*\*\* SAMPLE RUN FOR EXECUTIVE SUMMARY  
\*\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*

OPTIONS IN EFFECT: SAMPLE RUN FOR EXECUTIVE SUMMARY

| LIST | CARD DECK | DIAG NAME | SCOPE | FRIN | UNIT | GENE | PRO-<br>TEIN | LINF<br>COUNT |
|------|-----------|-----------|-------|------|------|------|--------------|---------------|
|------|-----------|-----------|-------|------|------|------|--------------|---------------|

1



FIR MOVEMENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA  
\*\*\*\*\* SAMPLE RUN FOR EXECUTIVE SUMMARY  
\*\*\*\*\* PARAMETERS IN EFFECT

DATE 12/05/78

TIME 22:14:11

SINGLE ITEM LIMITS

|      | LTH | WTH | HIN | WEIGHT | ACL    | PCG   | MIX   |
|------|-----|-----|-----|--------|--------|-------|-------|
| C5   | 554 | 228 | 156 | 200000 | 110000 | 1275  |       |
| C141 | 800 | 142 | 108 | 50000  | 50000  | 900   |       |
| C130 | 500 | 122 | 108 | 30000  | 30000  | 530   |       |
| FILL | 200 | 115 | 80  | 7500   | *****  | ***** | ***** |

DEFAULT PASSENGER WEIGHT = 240  
SCHEMATIC FRONT WIDTH = 18

12 11 10 9 8 7 6 5 4 3

AMMUNITION PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FLINT LFL, VIRGINIA  
SAMPLE RUN FOR EXECUTIVE SUMMARY

CARGO DATA

| STU-NIC | CTG   | RANK | NOMENCLATURE          | SSR / OVERLAP | CLL | ITEM DIMENSIONS | SP SH | PLATE | PAX   |
|---------|-------|------|-----------------------|---------------|-----|-----------------|-------|-------|-------|
|         |       |      |                       | LTH           | WTH | WEIGHT          | MO RD | LINK  |       |
| 1       | CAT05 |      | GENERAL CARGO         | 000           | BU  | 176             | 108   | C035C | C-130 |
|         |       |      | M35A2 2 1/2 T TRK     | 000           | PM  | 265             | 096   | C09   | C-130 |
| 2       | CAT05 |      | TBL PU/OF GEN SET     | 000           | PK  | 170             | 093   | 006   | C-130 |
| 3       | CAT05 |      | TRK DRIVER            | 000           | PK  | 170             | 093   | 006   | C-130 |
| 4       | CAT05 |      | M884 1 1/4 T TRK      | 000           | PK  | 210             | 085   | 004   | C-130 |
| 5       | CAT05 |      | M35A2 2 1/2 T TRK     | 000           | PK  | 265             | 096   | 009   | C-130 |
| 6       | CAT05 |      | TBL PU/OF GEN SET     | 020           | PK  | 170             | 093   | 006   | C-130 |
| 7       | CAT05 |      | TRK DRIVER            | 000           | PK  | 170             | 093   | 006   | C-130 |
| 8       | CAT05 |      | M884 1 1/4 T TRK      | 000           | PK  | 210             | 085   | 004   | C-130 |
| 9       | CAT05 |      | TBL PU/OF GEN SET     | 000           | PK  | 170             | 093   | 006   | C-130 |
| 10      | CAT05 |      | TRK DRIVER            | 000           | PK  | 170             | 093   | 006   | C-130 |
| 11      | CAT05 |      | M884 1 1/4 T TRK      | 000           | PK  | 210             | 085   | 004   | C-130 |
| 12      | CAT05 |      | PASSENGER             | 000           | PK  | 170             | 093   | 006   | C-130 |
| 22      | CAT05 |      | TRK CM EQUIP JEEP TRK | 000           | JP  | 131             | 064   | 046   | A     |
| 23      | CAT05 |      | TRK CM EQUIP JEEP TRK | 000           | JP  | 131             | 064   | 046   | FILL  |
| 24      | CAT06 |      | GENERAL CARGO         | 000           | BU  | 176             | 108   | C033C | FILL  |
| 25      | CAT06 |      | M35A2 2 1/2 T TRK     | 000           | PM  | 265             | 096   | 009   | FILL  |
| 26      | CAT06 |      | TBL PU/OF GEN SET     | 000           | PK  | 170             | 093   | 006   | FILL  |
| 27      | CAT06 |      | TRK DRIVER            | 000           | PK  | 170             | 093   | 006   | FILL  |
| 29      | CAT06 |      | M884 1 1/4 T TRK      | 000           | PK  | 210             | 085   | 004   | FILL  |
| 30      | CAT06 |      | M884 1 1/4 T TRK      | 000           | PK  | 210             | 085   | 004   | FILL  |
| 31      | CAT06 |      | M884 1 1/4 T TRK      | 000           | PK  | 210             | 085   | 004   | FILL  |
| 32      | CAT06 |      | TRK CM EQUIP JEEP TRK | 000           | JP  | 131             | 064   | 046   | FILL  |
| 33      | CAT06 |      | M35A2 2 1/2 T TRK     | 000           | PM  | 265             | 096   | 009   | FILL  |
| 34      | CAT06 |      | TBL PU/OF GEN SET     | 020           | PK  | 170             | 093   | 006   | FILL  |
| 35      | CAT06 |      | TRK DRIVER            | 000           | PK  | 170             | 093   | 006   | FILL  |
| 37      | CAT06 |      | PASSENGER             | 000           | PK  | 170             | 093   | 006   | FILL  |
| 41      | CAT06 |      | TRK CM EQUIP JEEP TRK | 000           | JF  | 131             | 064   | 046   | FILL  |

AIR MOVEMENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12/15/78 TIME 22:14:17 10

\*\*\*\*\*  
MASTER RECURS = 01027  
ALCKLIT = 01004  
AVAIL PASS = 01020  
REJECTS = 01000  
PRE EFFECTS = 01000

SAMPLE RUN FOR EXECUTIVE SUMMARY

12  
11  
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AIR MOVEMENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12/05/76 TIME 22:14:53 PAGE 11  
• • • • • SAMPLE RUN FOR EXECUTIVE SUMMARY • • • • •

STATISTICS

| TYPE A/C---NUT LOADS---LOADED |    |   |
|-------------------------------|----|---|
| C-5----                       | 1  | 0 |
| C-141--                       | 1  | 0 |
| C-130--                       | 2  | 0 |
| UTILIZATION---WEIGHT-----AREA |    |   |
| C-5----                       | 0  | 0 |
| C-141--                       | 0  | 0 |
| C-130--                       | 0  | 0 |
| CARGO---NUT LOADS---LOADED    |    |   |
| STANDAKU                      | 19 | 0 |
| OUTSIZE                       |    |   |
| ASSENGERS                     | 26 | 0 |

AIR MOBILITY PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12 JUN 78 TIME 221453Z PAGE 12

\*\*\*\*\* SAMPLE RUN FIR EXECUTIVE SUMMARY \*\*\*\*\*

\*\*\*\*\* INCHES IN DATA REPRESENTS ESTIMATE NUMBER OF TONS OF CARGO THAT CAN BE LOADED ON AIRCRAFT NO. \*\*\*\*\*  
 \*\*\* CARGO TYPE: PUD  
 \*\*\* W/C STATUS: C-141  
 \*\*\* KG/K: 1  
 \*\*\* BLK SHEEP: 1  
 \*\*\* SUGG: 812  
 \*\*\* RPN: 1  
 \*\*\* SH: 1  
 \*\*\* D: 1  
 \*\*\* H: 1  
 \*\*\* L: 1  
 \*\*\* T: 1  
 \*\*\* E: 1  
 \*\*\* F: 1  
 \*\*\* G: 1  
 \*\*\* H: 1  
 \*\*\* I: 1  
 \*\*\* J: 1  
 \*\*\* K: 1  
 \*\*\* L: 1  
 \*\*\* M: 1  
 \*\*\* N: 1  
 \*\*\* O: 1  
 \*\*\* P: 1  
 \*\*\* Q: 1  
 \*\*\* R: 1  
 \*\*\* S: 1  
 \*\*\* T: 1  
 \*\*\* U: 1  
 \*\*\* V: 1  
 \*\*\* W: 1  
 \*\*\* X: 1  
 \*\*\* Y: 1  
 \*\*\* Z: 1

C-141 AIRCRAFT LOAD PLAN DIAGRAM (NOT TO SCALE). ALL CARGO LOADED FACING AFT

| ITEM-NR | FWD   | AFT   |
|---------|-------|-------|
| 1       | 524   | 654   |
| 2       | 724   | 794   |
| 3       | 863   | 933   |
| 4       | 1.003 | 1.072 |
| 5       | 1.172 | 1.142 |
| 6       | 1.212 | 1.261 |
| 7       | 1.351 | -     |
| 8       | -     | -     |
| 9       | -     | -     |
| 10      | -     | -     |
| 11      | -     | -     |
| 12      | -     | -     |
| 13      | -     | -     |
| 14      | -     | -     |
| 15      | -     | -     |
| 16      | -     | -     |
| 17      | -     | -     |
| 18      | -     | -     |
| 19      | -     | -     |
| 20      | -     | -     |
| 21      | -     | -     |
| 22      | -     | -     |
| 23      | -     | -     |
| 24      | -     | -     |
| 25      | -     | -     |
| 26      | -     | -     |
| 27      | -     | -     |
| 28      | -     | -     |
| 29      | -     | -     |
| 30      | -     | -     |
| 31      | -     | -     |
| 32      | -     | -     |
| 33      | -     | -     |
| 34      | -     | -     |
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| 36      | -     | -     |
| 37      | -     | -     |
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| 42      | -     | -     |
| 43      | -     | -     |
| 44      | -     | -     |
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| 46      | -     | -     |
| 47      | -     | -     |
| 48      | -     | -     |
| 49      | -     | -     |
| 50      | -     | -     |
| 51      | -     | -     |
| 52      | -     | -     |
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| 481     | -     | -     |
| 482     | -     | -     |
| 483     | -     | -     |
| 484     | -     | -</td |

THE ELEMENT PLANNING SYSTEM U.S. AMR LOGISTICS CENTER, FORT LEE, VIRGINIA

DATE 10/05/70 TIME 22:14:54 PAGE 13

## SAMPLE RUN FILE EXECUTIVE SUMMARY

|  |          |   |               |            |                   |
|--|----------|---|---------------|------------|-------------------|
| SUB TOTALS                               | CACD     | 5 | 43,970        | 912        | 40,115.970        |
|  | PAX      | 4 |               | 960        |                   |
| <b>TOTALS</b>                            |          |   | <b>44,930</b> | <b>912</b> | <b>40,115.970</b> |
| <b>LOAD PLANNED BY-----</b>              |          |   |               |            |                   |
| <b>AIR MOVED IN PLATHIC SYSTEM</b>       |          |   |               |            |                   |
| DATE-----                                | 12/05/78 |   |               |            |                   |
| <b>SIGNATURE OF LOADING AGENT-----</b>   |          |   |               |            |                   |
| DATE-----                                |          |   |               |            |                   |
| <b>SIGNATURE OF UNLOADING AGENT-----</b> |          |   |               |            |                   |
| DATE-----                                |          |   |               |            |                   |

2 4 0 8 0 7 6 5 4



WILK MOVENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12/15/76 TIME 22:14:55 PAGE 15

..... SAMPLE RUN FOR EXECUTIVE SUMMARY

..... DIRECTED DATA ESTIMATING NUMBER ALL WEIGHT AREA DEP MFT AFLE CHALK HOLE PACE FNG  
.... CARRIERAGE TU. 44C MUD 0 0  
.... M/C ACTGS 0 C-130 0 KGK 0 0  
.....

C-130 AIRCRAFT LOAD PLAN DIAGRAM (UNIT TH SCALES). ALL CARGO LOADED FACING AFT

| FLD | AFT |
|-----|-----|
| 491 | 336 |
| "   | "   |
| 1   | 382 |
| CC  | 421 |
| "   | "   |
| 2   | 473 |
| "   | "   |
| 3   | 516 |
| "   | "   |
| 4   | 564 |
| "   | "   |
| 5   | 609 |
| "   | "   |
| 6   | 655 |
| "   | "   |
| 7   | 704 |
| "   | "   |
| 8   | 745 |
| "   | "   |
| 9   | 791 |
| "   | "   |
| 10  | 836 |
| "   | "   |
| 11  | 836 |
| "   | "   |
| 12  | 836 |
| "   | "   |
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AIR FORCE PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER FORT LEE, VIRGINIA

DATE 12/06/78 TIME 22:14:55 PAGE 16

CHINESE DIAO SONG IN LITERATURE AND CULTURE

SAMPLE BUDGET EXECUTIVE SUMMARY

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AIR MOIMENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12/05/78 TIME 22:14:55 PAGE 17

SAMPLE RUN FOR EXECUTIVE SUMMARY

| LINE   | RANK       | NAME | SSAN | WEIGHT | UNIT  | BIN# |
|--------|------------|------|------|--------|-------|------|
| 1      | TRK DRIVER |      |      | 240    | CATGS | PK2  |
| 2      | TRK DRIVER |      |      | 240    | CATGS | PK2  |
| TOTALS |            |      |      |        |       | 480  |

LOAD PLANNING BY-----  
DATE-----  
12/05/78

SIGNATURE OF LOADING AGENT-----  
DATE-----

SIGNATURE OF UNLOADING AGENT-----  
DATE-----

I CERTIFY THAT A CHECK OF ALL PASSENGERS ON THIS FLIGHT AND A PHYSICAL SEARCH OF HAND CARRIED ITEMS WAS CONDUCTED  
IMMEDIATELY PRIOR TO DEPARTURE FROM THE TERMINAL FACILITY AND THAT NO UNAUTHORIZED EXPLOSIVES OR WEAPONS WERE FOUND  
AND ALL AUTHORIZED WEAPONS WERE CLEARED.

SIGNATURE OF DIRECTOR TRUCK COMMANDER-----  
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AIR CONVENTION PLANNING SYSTEM    U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA    DATE 12/10/78    TIME 22:14:55    PAGE 16  
• • • • •    SAMPLE RUN FOR EXECUTIVE SUMMARY    • • • • •

| STATISTICS                              |    |    |
|---|----|----|
| <del>TYPE A/C---NOT LOADED</del>        |    |    |
| C-5                                     | 1  | 0  |
| C-141                                   | 0  | 1  |
| C-130                                   | 1  | 1  |
| <del>UNIT LOADATION---MEDIUM AREA</del> |    |    |
| C-5                                     | 0  | 0  |
| C-141                                   | 89 | 72 |
| C-130                                   | 93 | 64 |
| <del>CARGO---NOT LOADED</del>           |    |    |
| STANDARD                                | 11 | 8  |
| OUTSIZE                                 | 0  | 0  |
| PASSENGERS                              | 22 | 6  |

NEXT UNIT CALLED C2  
PASS-EXPIR 0.0

THE MUSICAL PLANNING

**U.S. ARMY LOGISTICS CENTER**

CAT# 326CC /76 TIME 22:14 358 PAGE 15

SAMPLE RUN FOR EXECUTIVE SUMMARY

RECEIVED DIRECTORATE OF SECURITY INFORMATION DIVISION WISCONSIN AIR NATIONAL GUARD DEPARTMENT OF DEFENSE CHALK AD-100000  
20 APR 1968 BY C. R. BURKE, JR. IN C/S C/PD

C-5 AIRSEA PLANE CARGO LOADED FACING EMI

LARGE HANFEE EQUIPMENT: SR = SHIRKING REQUIRED FF = FACING FOR MAKING SH = SPECIAL PADLING

| L | CATIG | GENERAL CARGO         | 176 | 106 | 83 | 7,980 | 664    | 5,135,120 | 556        | 132   | -   | -SH- |
|---|-------|-----------------------|-----|-----|----|-------|--------|-----------|------------|-------|-----|------|
| C | CATIG | TRK 6M EQUIP JEEP TOW | PR1 | 131 | 64 | 66    | 2,330  | 925       | 2,155,250  | 875   | 58  | -    |
| 3 | CATIG | P35A2 2 1/2 T TRK     | PRV | 265 | 96 | 89    | 16,600 | 934       | 17,776,600 | 810   | 176 | -    |
| 4 | CATIG | TRL PL4C6 GEN SET     | PRV | 170 | 93 | 86    | 6,560  | 1,150     | 7,544,000  | 1,055 | 96  | -VR- |
| 5 | CATIG | P35A2 2 1/2 T TRK     | PR2 | 265 | 96 | 89    | 16,600 | 1,208     | 22,644,800 | 1,084 | 176 | -    |
| 6 | CATIG | PR84 1 1/4 T TRK      | PRX | 210 | 85 | 1664  | 8,500  | 1,413     | 12,615,500 | 1,303 | 123 | -    |
| 7 | CATIG | TRL PL4C6 GEN SET     | PR2 | 170 | 93 | 86    | 6,560  | 1,464     | 9,041,440  | 1,329 | 96  | -SR- |





THIS AIRCRAFT FILE SHOULD BE KEPT SEPARATELY FROM OTHERS.  
THIS AIRCRAFT FILE IS FOR USE IN THE AIRPORT AND SHOULD NOT BE KEPT WITH OTHERS.  
THE AIRCRAFT FILE IS FOR USE IN THE AIRPORT AND SHOULD NOT BE KEPT WITH OTHERS.

AIR RUMBLETT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA DATE 12/05/78 TIME 22:15:00 PAGE 22  
• • • • • SAMPLE RUN FOR EXECUTIVE SUMMARY

STATISTICS

| TYPE A/C --- NUT LOADED --- LOADED |    |    |
|------------------------------------|----|----|
| C-5                                | 0  | 1  |
| C-141                              | 0  | 1  |
| C-130                              | 1  | 1  |
| UTILIZATION --- WEIGHT ----- AREA  |    |    |
| C-5                                | 84 | 43 |
| C-141                              | 89 | 72 |
| C-130                              | 93 | 64 |
| CARGO --- NUT LOADED --- LOADED    |    |    |
| STANDARD                           | 1  | 18 |
| OUTSIZE                            | 0  | 0  |
| PASSENGERS                         | 2  | 26 |

AIR MOBILMENT FLAMING SYSTEM U.S. ARMY LOGISTICS CENTER • FORT LEE • VIRGINIA

DATE 12/15/78 TIME 22:15:00 PAGE 23

\*\*\* SAMPLE RUN FOR EXECUTIVE SUMMARY

\*\*\* CARGO-PASSENGERS NOT LISTED \*\*\*

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| 1. | C/165 | MAB4 1 1/4 T TRK DRVR | 0821008510-008500110 |
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| 3e | C/166 | OCMDOORP              | 02 00240             |

AIR MOBILITY PLANNING SYSTEM    U.S. ARMY LOGISTICS CENTER, FLPT LEE, VIRGINIA    DATE 12/05/78 TIME 22:15:00    PAGE 24

\*\*\*\*\* SAMPLE RUN FOR EXECUTIVE SUMMARY \*\*\*\*\*

\*\*\* AIRCRAFT NOT USED \*\*\*

MIL-C-130(LARGE) WHI SHEEP 1 KFMKGRK0300000000

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AIR AGREEMENT PLANNING SYSTEM U.S. ARMY LOGISTICS CENTER, FORT LEE, VIRGINIA  
\*\*\*\*\* SAMPLE RUN FOR EXECUTIVE SUMMARY \*\*\*\*\*

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| 13. ABSTRACT<br>The Air Movement Planning System (AMPS) is a computerized method for quickly and<br>effectively planning cargo loads for C-130, C-141, and C-5 aircraft. It is primarily<br>intended for use in Army unit moves, but its inherent flexibility makes it adaptable<br>for movement of most types of cargo under various conditions.<br>AMPS provides the user with an air movement mission an automated method of preparing<br>effective load plans for USAF aircraft that will provide a timely response within the<br>dynamic environment of joint airlift operations. The system is fast, accurate, makes<br>efficient use of aircraft, incorporates commander's priorities, maintains unit<br>integrity, links trailers and/or crews with their respective vehicles, and links<br>units with specific aircraft. |                              |  |

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| Air Movement Planning System<br>Model<br>Simulation<br>Transportation<br>Aircraft<br>Airlift<br>AMPS<br>C-130<br>C-141<br>C-5<br>C-5A<br>Cargo Loads<br>Air Movement of Helicopters<br>Air Movement Planning, Automated<br>Planning System<br>Helicopters<br>Helicopter Movement |        |    |        |    |        |    |

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