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LOS ANGELES INTERNATIONAL AIRPORT DATA PACKAGE NUMBER 4, AIRPOR--ETC(U)  
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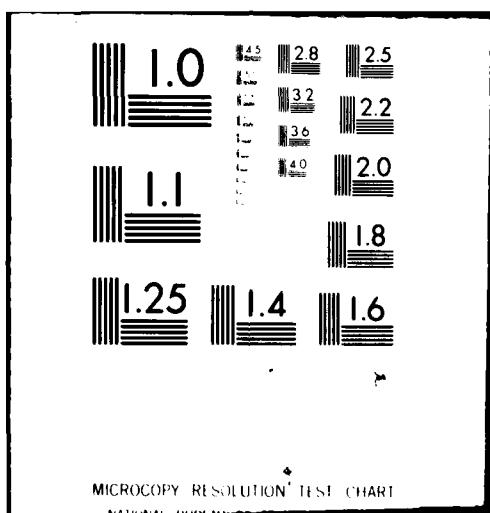


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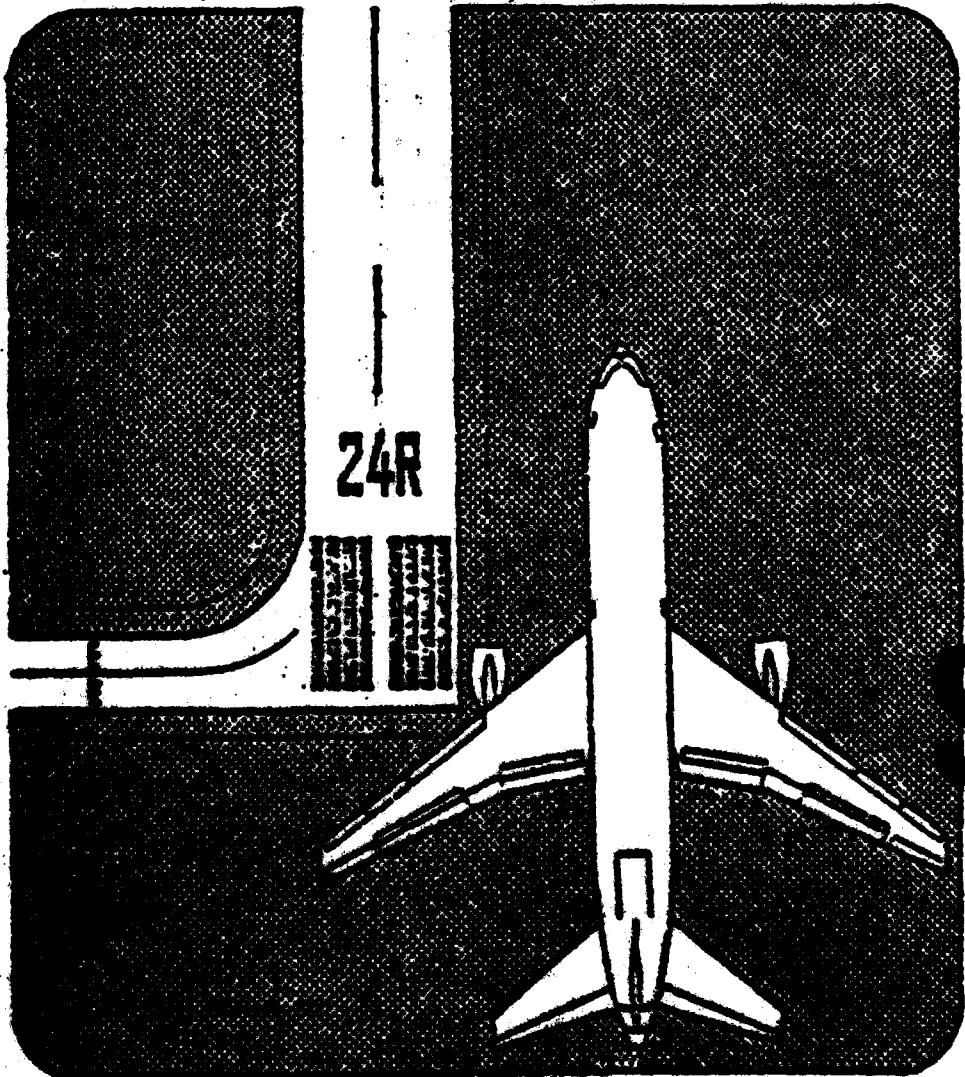
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**LOS ANGELES  
INTERNATIONAL  
AIRPORT  
DATA PACKAGE NO. 4  
AIRPORT IMPROVEMENT  
TASK FORCE DELAY STUDIES**



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AUGUST 1981

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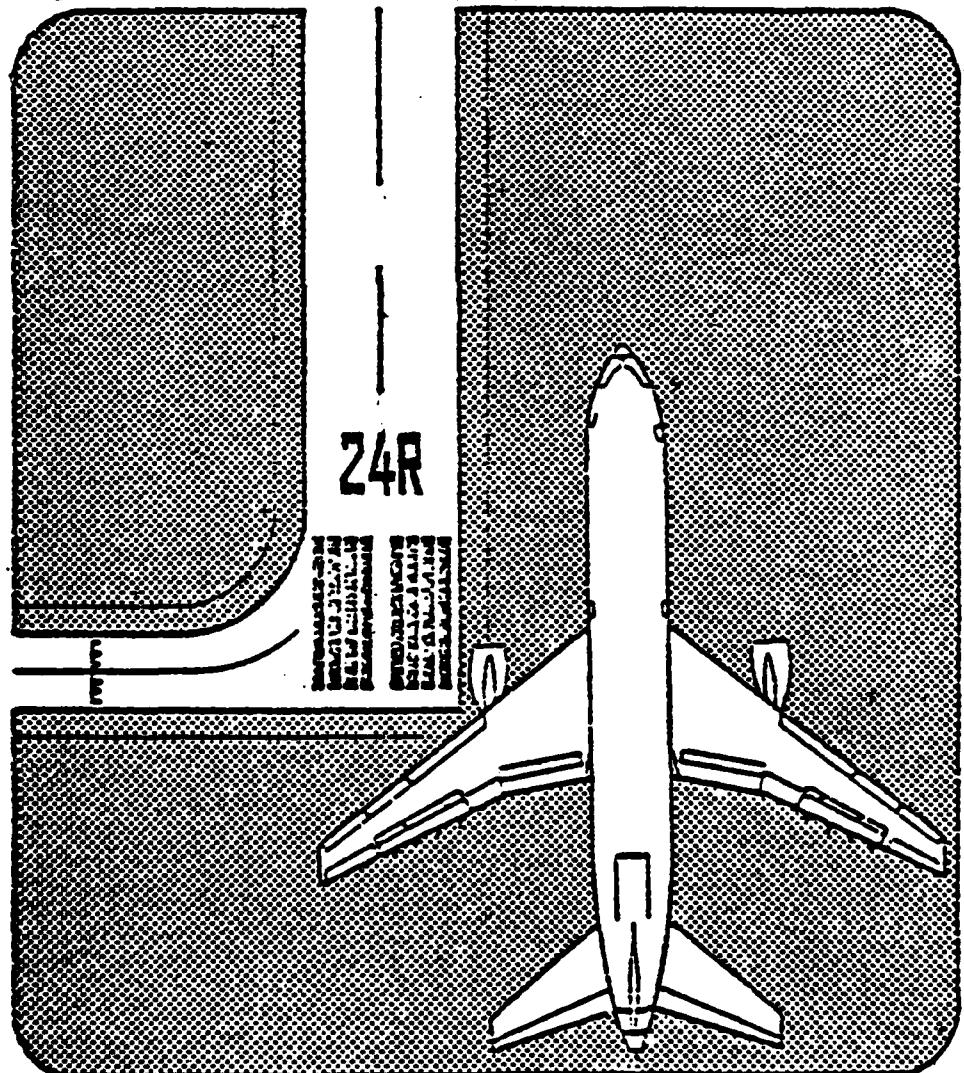
**LOS ANGELES  
INTERNATIONAL  
AIRPORT**

*No 6*

**DATA PACKAGE NO. 4**

**AIRPORT IMPROVEMENT**

**TASK FORCE DELAY STUDIES.**



**AUGUST 1979**

*24/351 66*

**DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION**

**DATE:**

**SUBJECT:** Los Angeles Simulation Model Demand & Aircraft Distributions  
for Stage 1 and Stage 2 Experiments

**FROM:** NAFEC Program Manager, ANA-220

**TO:** Royal Mink, AWE-4

**NATIONAL AVIATION FACILITIES  
EXPERIMENTAL CENTER  
ATLANTIC CITY, NEW JERSEY 08403**



Enclosed is data package No. 4 for review by the Task Force members. Data package No. 3 has been reviewed along with all model inputs (separations, route structure, etc.) by the Task Force since the meeting in March 1979. All comments have been considered in the experimental design for Stage 1 and Stage 2 as described in Table 1 of this report.

Three main areas (1) the average day/peak month demand for 1978, 1982, and 1987, (2) the distributions applied to the demand, and (3) the forecast for the 1982 and 1987 traffic levels, received special attention during the preparation of the experiments. The average day/peak month demands were developed from an August 1978 OAG schedule along with the tower traffic report, the task force's 1982 forecast and 1987 traffic samples.

The resulting 1978, 1982, and 1987 demand levels (after application of the lateness distribution for arrivals) are listed in Tables 2 through 4 and shown in Figures 1 through 6. The 1978 demand reflects the activity level experienced at the facility on August 4, 1978. The 1982 demand level compares with Table III - 1 (page 13) of the interim capacity report for total movements during the day. The 1987 demand shows an increase in operations in accord with the schedule provided by the Task Force. The percentage of Class 1, 2, 3, and 4 operations for 1978, 1982 and 1987 are shown in Tables 2, 3, and 4 respectively (the class 1 percentage increases over the years).

An analysis of the yearly passenger totals and aircraft operations is shown in Table 5. Passenger totals for the years 1982 and 1987 agree with the FAA forecast data. The 1978 demand experienced at Los Angeles indicates that passenger totals approached the projected 1982 level. The calculated airline and air taxi operations agree with the actual totals in 1978 and are the same in 1982 compared with the FAA forecast. (Assuming that 19% of the total yearly traffic is handled in July and August). The total operations differ in 1987 from the FAA forecast

(Signature)

THE POSITION OF  
S. S. SMALL  
IN TAB  
ANNOUNCED  
JUSTIFICATION

BY  
E. L. STRICKLAND  
AND  
A. C. HARRIS  
P.D.A.

(Signature)

probably because of the assumption that Class 1 operations will be increased from 25.3% to 33.1% for the airline operations.

The distributions shown in Tables 6 through 12 were applied to the demand schedules for particular experiments. These distributions were developed from information obtained during data collection, reported runway and gate utilization and future plans for the airport improvements (tunnel reconstruction, terminal expansion, etc.). For example, the class and runway distribution for arrivals and departures experienced during data collection (VFR-1) are shown in Table 13.

Attachment E, Class and Runway Demand Distributions for Arrivals and Departures includes a summary of the amount of scheduled activity on each runway for each experiment. The experiment, grouped according to the direction of traffic flow and the weather condition during the simulation period are shown in the index of Attachment E. Tables 14 through 40 depict the runway assignments for each experiment which may be modified during the simulation exercise (either by an automatic reassignment of departure runway because of runway congestion or a change in the arrival aircraft runway after an evaluation of the results (average runway delays) for an experiment).

The development of the experimental design has included the application of data reduced from the collected field data at the airport along with information provided by the Task Force members. The model calibration established the VFR-1 parameters for the model. The other separation values (1978 IFR-1 and IFR-2, 1982 VFR-1 and IFR-1, and 1987 VFR-1 and IFR-1) were discussed and coordinated with METREK and facility personnel.

The experimental design for the combined Stage 1 and 2 simulation runs is shown in Attachment F of this report. The experiments starts with the calibration inputs and progress in sequence with each change to the model inputs noted for each experiment. A single entry of the experiment number indicates that only an aircraft schedule input change is required to perform the experiment.

JOHN VANDERVEER

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**ATTACHMENT A**

**LOS ANGELES DELAY EXPERIMENTS**

**LOS ANGELES INTERNATIONAL AIRPORT**

**LOS ANGELES**

**AIRPORT IMPROVEMENT TASK FORCE DELAY STUDIES  
AUGUST 1979**

TABLE 1  
LOS ANGELES DELAY EXPERIMENTS

| <u>Experiment number</u>   | <u>Model</u>     | <u>Study case<sup>a</sup></u> | <u>Arrival runways</u>          | <u>Departure runways</u> | <u>Weather</u> | <u>Demand</u> | <u>ATC System scenario<sup>b</sup></u> | <u>Near Term improvements</u>    |
|----------------------------|------------------|-------------------------------|---------------------------------|--------------------------|----------------|---------------|--|----------------------------------|
| <b>Stage 1 Experiments</b> |                  |                               |                                 |                          |                |               |  |                                  |
| 1                          | ASM              | 1                             | 24L, 24R, 25L, 25R              | 24L, 24R, 25L, 25R       | VFR1           | 1978          | 1978                                   | None                             |
| 2                          | ASM              | 2                             | 24L, 24R, 25L, 25R              | 24L, 25R                 | IFR1           | 1978          | 1978                                   | None                             |
| 3                          | ASM              | 3                             | 24R, 25L                        | 24L, 25R                 | IFR2           | 1978          | 1978                                   | None                             |
| 4                          | ASM              | 5                             | 6R, 7L                          | 24L, 25R                 | VFR1           | 1978          | 1978                                   | None                             |
| 5                          | ASM              | 6                             | 6R, 7L                          | 24L, 25R                 | IFR1           | 1978          | 1978                                   | None                             |
| 6                          | ASM              | 4                             | 6L, 6R, 7L, 7R                  | 6L, 6R, 7L, 7R           | VFR1           | 1978          | 1978                                   | None                             |
| 7                          | ASM              | 1                             | 24L, 24R, 25L, 25R              | 24L, 24R, 25L, 25R       | VFR1           | 1982          | 1978                                   | None                             |
| 8                          | ASM              | 2                             | 24L, 24R, 25L, 25R              | 24L, 25R                 | IFR1           | 1982          | 1978                                   | None                             |
| 9                          | ASM              | 4                             | 6L, 6R, 7L, 7R                  | 6L, 6R, 7L, 7R           | VFR1           | 1982          | 1978                                   | None                             |
| 10                         | ASM              | 5                             | 6R, 7L                          | 24L, 25R                 | VFR1           | 1982          | 1978                                   | None                             |
| 10A                        | ASM              | 6                             | 6R, 7L                          | 24L, 25R                 | IFR1           | 1982          | 1978                                   | None                             |
| 11                         | ASM              | 1                             | 24L, 24R, 25L, 25R              | 24L, 24R, 25L, 25R       | VFR1           | 1982          | 1982                                   | 1982                             |
| 12                         | ASM              | 2                             | 24L, 24R, 25L, 25R              | 24L, 25R                 | IFR1           | 1982          | 1982                                   | 1982                             |
| 13                         | ASM              | 1                             | 24L, 24R, 25L, 25R              | 24L, 24R, 25L, 25R       | VFR1           | 1982          | 1982                                   | 2, 3 <sup>f</sup>                |
| 15                         | ASM              | 5                             | 6R, 7L                          | 24L, 25R                 | VFR1           | 1982          | 1982                                   | 5, 7 <sup>g</sup>                |
| 16                         | ASM <sup>h</sup> | 4                             | 6L, 6R, 7L, 7R                  | 6L, 6R, 7L, 7R           | VFR1           | 1982          | 1982                                   | 5, 7, 8 <sup>g</sup>             |
| 17                         | n.a.             | n.a.                          | n.a.                            | n.a.                     | n.a.           | 1978          | 1978                                   | None                             |
| 17A                        | RCM <sup>i</sup> | 7                             | 24L, 24R, 25L                   | 24L, 24R, 25L            | VFR1           | 1982          | 1982                                   | Tunnel Construction <sup>j</sup> |
| 17B                        | RCM              | 7                             | 24L, 24R, 25L, 25x <sup>k</sup> | 24L, 24R, 25L, 25X       | VFR1           | 1982          | 1982                                   | Tunnel Construction              |
| 17C                        | RCM              | 7                             | 24L, 24R, 25L, 26               | 24L, 24R, 25L, 26        | VFR1           | 1982          | 1982                                   | Comments-Usage for Light         |

n.a. = not applicable.

a. Study cases (combinations of runway use and weather conditions) are defined in Figure III-1.

b. FAA will describe impact of 1982 and post-1987 ATC systems on model inputs.

c. Potential near-term improvements are identified in the Los Angeles International Airport Improvement Task Force Interim Report, and in Appendix B.

d. Airfield Simulation Model.

e. Task Force establishes packages of near-term improvements most likely to be implemented in 1982 and 1987 time frames. The 1982 package includes improvement # 2 (high-speed taxiway off Runway 25L to the south), improvement # 3 (strengthening of the Sepulveda Tunnel), (cont.)

TABLE 1 (CONTINUED)

- e. (cont.) new taxiway access to threshold of Runway 24R, and temporary holding areas on future Taxiway 75. The 1987 package includes all 1982 improvements plus Satellite 1, International Terminal, and/or remote parking for 20 aircraft at west end of airport. These packages of improvements are subject to Task Force review and revision.
- f. Impact of absence of Improvements # 2 and #3 (high-speed taxiway of Runway 25L and strengthening of the Sepulveda Tunnel).
- g. Improvement # 5 is a high-speed taxi exit off Runway 7. Improvement # 7 is a high-speed taxi exit to Taxiway 47 from Runway 6R.
- h. Improvement #8 is a bypass area on the north side of Runway 7L.
- i. Annual Delay Model.
- j. Runway Capacity Model.
- k. Runway 25R closed for tunnel construction.
- l. During closure of 25R for tunnel construction, parts of Runway 25 are open for small aircraft arrivals and departures.

TABLE I  
LOS ANGELES DELAY EXPERIMENTS

| Experiment number          | Model | Study case <sup>a</sup> | Arrival Runways    | Departure Runways  |        | Weather | Demand | ATC System scenario <sup>b</sup> | Near-term improvements <sup>c</sup> |
|----------------------------|-------|-------------------------|--------------------|--------------------|--------|---------|--------|----------------------------------|-------------------------------------|
|                            |       |                         |                    | Runway             | Runway |         |        |                                  |                                     |
| <b>Stage 2 Experiments</b> |       |                         |                    |                    |        |         |        |                                  |                                     |
| 18                         | ASM   | 1                       | 24L, 24R, 25L, 25R | 24L, 24R, 25L, 25R | VFR1   | 1982    | 1982   |                                  |                                     |
| 19 A                       | ASM   | 1                       | 24L, 24R, 25L, 25R | 24L, 24R, 25L, 25R | VFR1   | 1982    | 1978   |                                  |                                     |
| 20                         | ASM   | 1                       | 24L, 24R, 25L, 25R | 24L, 24R, 25L, 25R | VFR1   | 1982    | 1982   |                                  |                                     |
| 21                         | ASM   | 1                       | 24L, 24R, 25L, 25R | 24L, 24R, 25L, 25R | VFR1   | 1982    | 1982   |                                  |                                     |
| 22                         | ASM   | 7                       | 24L, 24R, 25L      | 24L, 24R, 25L      | VFR1   | 1982    | 1978   |                                  |                                     |
| 22A                        | ASM   | 8                       | 24L, 24R, 25L      | 24L, 24R, 25L      | VFR1   | 1982    | 1978   |                                  |                                     |
| 23                         | ASM   | 8                       | 24R, 25L           | 24L, 25L           | IFR1   | 1982    | 1978   |                                  |                                     |
| 24                         | ASM   | 9                       | 24R, 25R           | 24L, 25R           | IFR1   | 1982    | 1978   |                                  |                                     |
| 25                         | ASM   | 1                       | 24L, 24R, 25L, 25R | 24L, 24R, 25L, 25R | VFR1   | 1987    | 1987   |                                  |                                     |
| 25A                        | ASH   | 1                       | 24L, 24R, 25L, 25R | 24L, 24R, 25L, 25R | VFR1   | 1987    | 1987   |                                  |                                     |
| 26                         | ASH   | 2                       | 24L, 24R, 25L, 25R | 24L, 24R, 25L, 25R | IFR1   | 1987    | 1987   |                                  |                                     |
| 27                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1982    | 1982   |                                  |                                     |
| 28                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1982    | 1982   |                                  |                                     |
| 29                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1982    | 1978   |                                  |                                     |
| 30                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1982    | 1978   |                                  |                                     |
| 31                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1987    | 1987   |                                  |                                     |
| 32                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1987    | 1987   |                                  |                                     |
| 33                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1987    | 1978   |                                  |                                     |
| 34                         | ADM   | n. a.                   | n. a.              | n. a.              | n. a.  | 1987    | 1988   |                                  |                                     |

1. Improvement #10 consists of a series of taxiway improvements identified in Appendix B.

- b. Construction of Satellite 1 and International Terminal. The need for this experiment will be reviewed by the Task Force after consideration of future airline terminal locations.
- c. Remote parking for 20 aircraft at west end of Airport.
- p. Additional experiment may be needed to test value of dual taxiway system around Satellite 4 during tunnel construction

**ATTACHMENT B**

**1978, 1982, and 1987 DEMAND with CLASS PERCENTAGES**

**LOS ANGELES INTERNATIONAL AIRPORT**

**LOS ANGELES**

**AIRPORT IMPROVEMENT TASK FORCE DELAY STUDIES**

**AUGUST 1979**

TABLE 2  
1978 DEMAND

| TIME                           | AIR CARRIER | SUPPLEMENTS | AIR TAXI | GENERAL AVIATION | TOTAL |
|--------------------------------|-------------|-------------|----------|------------------|-------|
| ARRIVALS                       |             |             |          |                  |       |
| 0000                           | 16          | 1           | 1        | 2                | 20    |
| 0100                           | 13          | 7           | 0        | 1                | 21    |
| 0200                           | 3           | 3           | 1        | 0                | 7     |
| 0300                           | 2           | 3           | 1        | 0                | 6     |
| 0400                           | 5           | 5           | 0        | 0                | 10    |
| 0500                           | 2           | 2           | 1        | 0                | 5     |
| 0600                           | 9           | 0           | 5        | 4                | 18    |
| 0700                           | 18          | 1           | 5        | 5                | 29    |
| 0800                           | 25          | 4           | 5        | 7                | 41    |
| 0900                           | 20          | 2           | 4        | 9                | 35    |
| 1000                           | 40          | 1           | 6        | 8                | 55    |
| 1100                           | 45          | 4           | 7        | 8                | 64    |
| 1200                           | 28          | 1           | 3        | 9                | 41    |
| 1300                           | 26          | 0           | 3        | 8                | 37    |
| DEPARTURES                     |             |             |          |                  |       |
| 0000                           | 19          | 1           | 2        | 2                | 24    |
| 0100                           | 9           | 2           | 0        | 0                | 11    |
| 0200                           | 1           | 6           | 1        | 0                | 8     |
| 0300                           | 1           | 2           | 1        | 0                | 4     |
| 0400                           | 1           | 3           | 1        | 0                | 5     |
| 0500                           | 4           | 5           | 0        | 1                | 10    |
| 0600                           | 9           | 2           | 4        | 2                | 17    |
| 0700                           | 32          | 4           | 6        | 6                | 48    |
| 0800                           | 49          | 3           | 3        | 9                | 64    |
| 0900                           | 38          | 4           | 5        | 5                | 52    |
| 1000                           | 34          | 2           | 6        | 6                | 48    |
| 1100                           | 34          | 3           | 4        | 11               | 52    |
| 1200                           | 44          | 5           | 5        | 11               | 65    |
| 1300                           | 39          | 1           | 1        | 8                | 49    |
| CLASS DISTRIBUTION (0700-1400) |             |             |          |                  |       |
| CLASS 1                        | CLASS 2     | CLASS 3     | CLASS 4  |                  |       |
| 20 %                           | 37 %        | 18 %        | 5 %      |                  |       |

TABLE 3  
1982 DEMAND

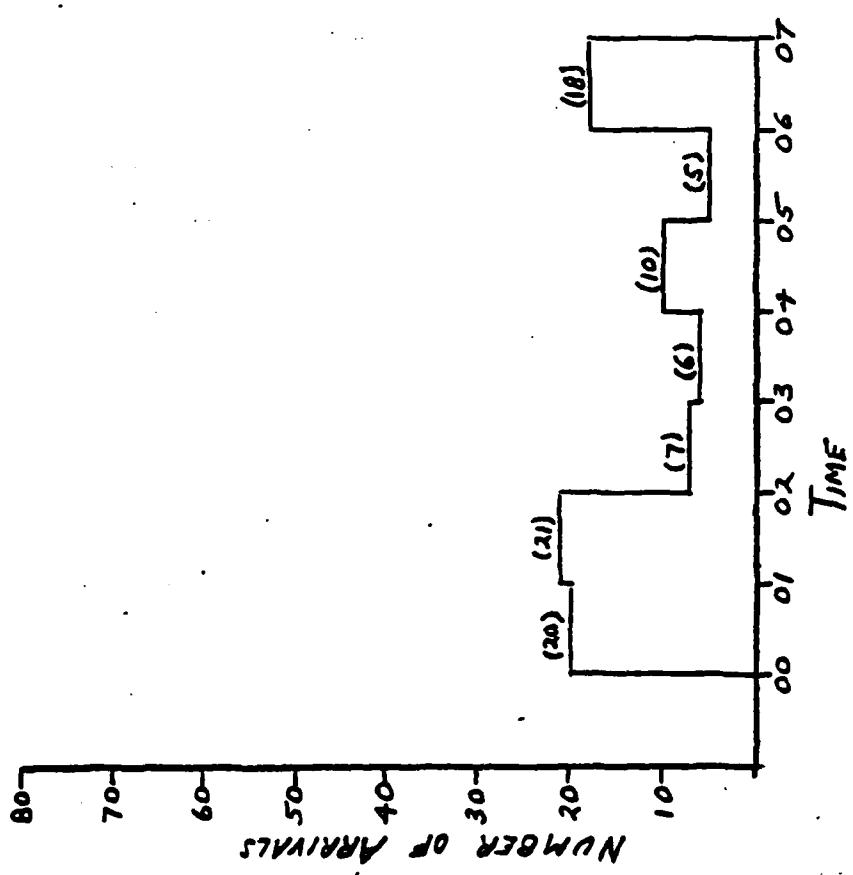
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| TIME                           | AIR CARRIER | SUPPLEMENTS | AIR TAXI | GENERAL AVIATION | TOTAL |
|--------------------------------|-------------|-------------|----------|------------------|-------|
| ARRIVALS                       |             |             |          |                  |       |
| 0000                           | 12          | 1           | 1        | 2                | 16    |
| 0100                           | 15          | 7           | 0        | 1                | 23    |
| 0200                           | 4           | 3           | 1        | 0                | 8     |
| 0300                           | 4           | 3           | 1        | 0                | 8     |
| 0400                           | 5           | 5           | 0        | 0                | 10    |
| 0500                           | 1           | 2           | 1        | 0                | 4     |
| 0600                           | 9           | 0           | 5        | 4                | 18    |
| 0700                           | 18          | 1           | 5        | 5                | 29    |
| 0800                           | 26          | 4           | 5        | 7                | 42    |
| 0900                           | 22          | 2           | 4        | 9                | 37    |
| 1000                           | 39          | 1           | 6        | 8                | 54    |
| 1100                           | 46          | 4           | 7        | 8                | 65    |
| 1200                           | 29          | 1           | 3        | 9                | 42    |
| 1300                           | 29          | 0           | 3        | 8                | 40    |
| DEPARTURES                     |             |             |          |                  |       |
| 0000                           | 22          | 1           | 2        | 2                | 27    |
| 0100                           | 8           | 2           | 0        | 0                | 10    |
| 0200                           | 4           | 6           | 1        | 0                | 11    |
| 0300                           | 0           | 2           | 1        | 0                | 3     |
| 0400                           | 4           | 3           | 1        | 0                | 8     |
| 0500                           | 4           | 5           | 0        | 1                | 10    |
| 0600                           | 10          | 2           | 4        | 2                | 18    |
| 0700                           | 30          | 4           | 6        | 6                | 46    |
| 0800                           | 49          | 3           | 3        | 9                | 64    |
| 0900                           | 42          | 4           | 5        | 5                | 56    |
| 1000                           | 34          | 2           | 6        | 6                | 48    |
| 1100                           | 34          | 3           | 4        | 11               | 52    |
| 1200                           | 42          | 5           | 5        | 11               | 63    |
| 1300                           | 43          | 1           | 1        | 8                | 53    |
| CLASS DISTRIBUTION (0700-1400) |             |             |          |                  |       |
| CLASS 1                        | CLASS 2     | CLASS 3     | CLASS 4  |                  |       |
| 22 %                           | 59 %        | 14 %        | 5 %      |                  |       |

TABLE 4  
1987 DEMAND

| TIME                           | AIR CARRIER + SUPPLEMENTS | AIR TAXI | GENERAL AVIATION | TOTAL |
|--------------------------------|---------------------------|----------|------------------|-------|
| ARRIVALS                       |                           |          |                  |       |
| 0000                           |                           |          |                  |       |
| 0100                           |                           |          |                  |       |
| 0200                           |                           |          |                  |       |
| 0300                           |                           |          |                  |       |
| 0400                           |                           |          |                  |       |
| 0500                           |                           |          |                  |       |
| 0600                           |                           |          |                  |       |
| 0700                           | 20                        | 5        | 5                | 30    |
| 0800                           | 35                        | 5        | 7                | 47    |
| 0900                           | 27                        | 4        | 9                | 40    |
| 1000                           | 43                        | 6        | 8                | 57    |
| 1100                           | 59                        | 7        | 8                | 74    |
| 1200                           | 38                        | 3        | 9                | 50    |
| 1300                           | 32                        | 3        | 8                | 43    |
| DEPARTURES                     |                           |          |                  |       |
| 0000                           |                           |          |                  |       |
| 0100                           |                           |          |                  |       |
| 0200                           |                           |          |                  |       |
| 0300                           |                           |          |                  |       |
| 0400                           |                           |          |                  |       |
| 0500                           |                           |          |                  |       |
| 0600                           |                           |          |                  |       |
| 0700                           | 39                        | 6        | 6                | 51    |
| 0800                           | 57                        | 3        | 9                | 69    |
| 0900                           | 48                        | 5        | 5                | 58    |
| 1000                           | 41                        | 6        | 6                | 53    |
| 1100                           | 41                        | 4        | 11               | 56    |
| 1200                           | 56                        | 5        | 11               | 72    |
| 1300                           | 55                        | 1        | 8                | 64    |
| CLASS DISTRIBUTION (0700-1400) |                           |          |                  |       |
| CLASS 1                        | CLASS 2                   | CLASS 3  | CLASS 4          |       |
| 25 %                           | 58 %                      | 13 %     | 4 %              |       |

1978 Annual Demand



1978 Departure Demand

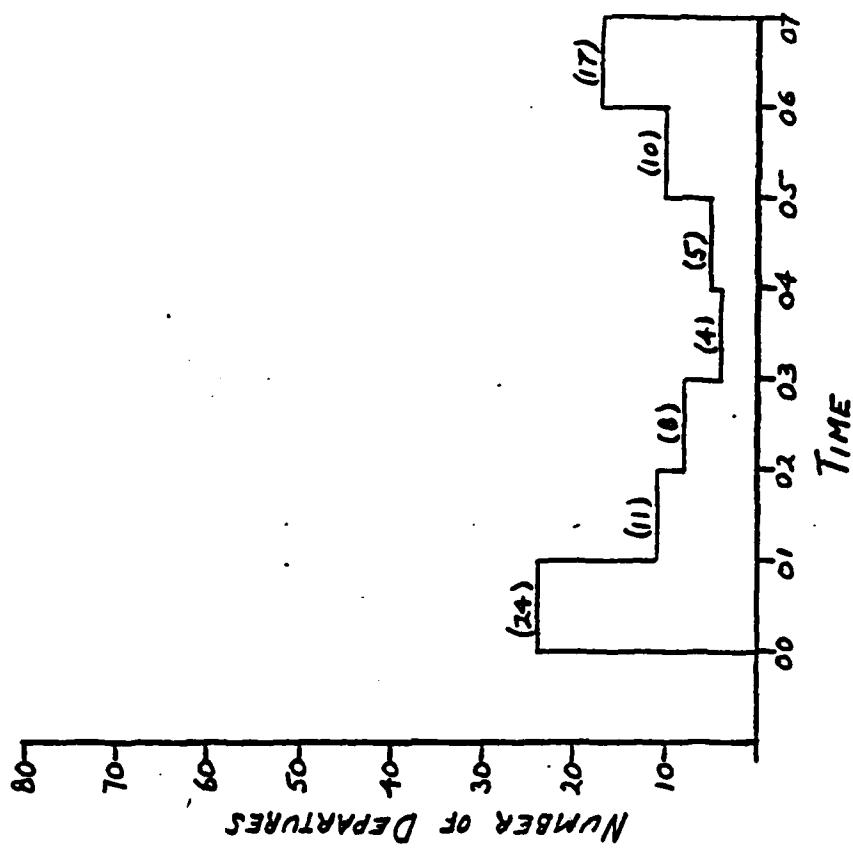
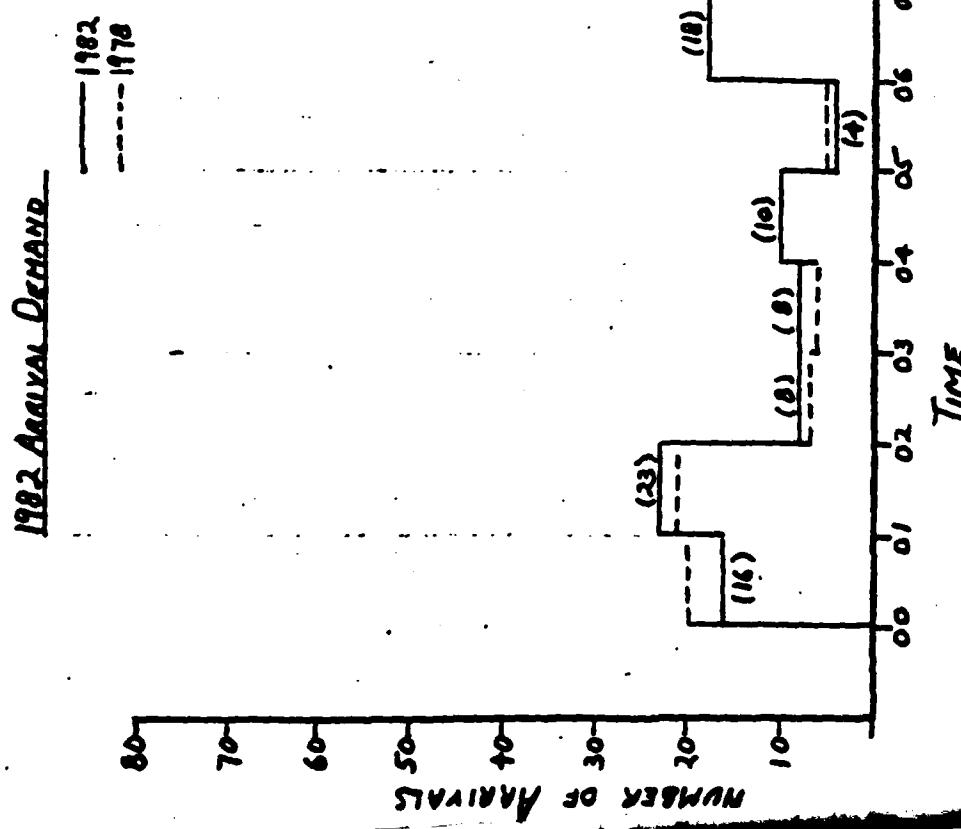


FIGURE 1. 1978 DEMAND  
(FROM 0000 TO 0700 LOCAL TIME)



1982 Departure Demand

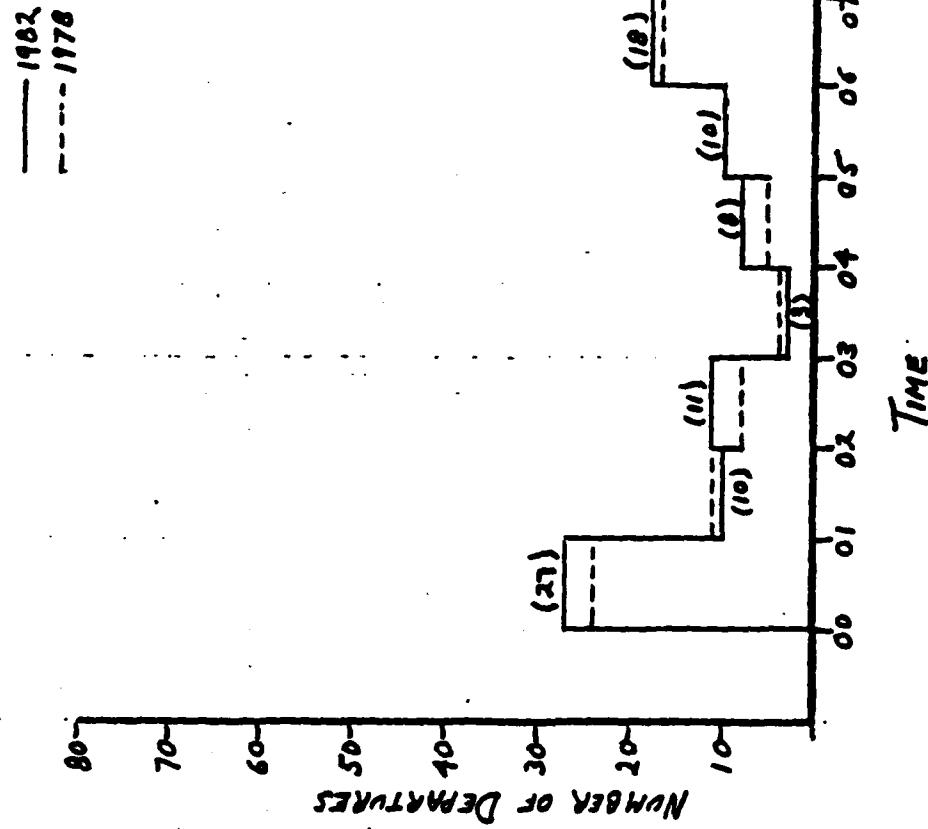
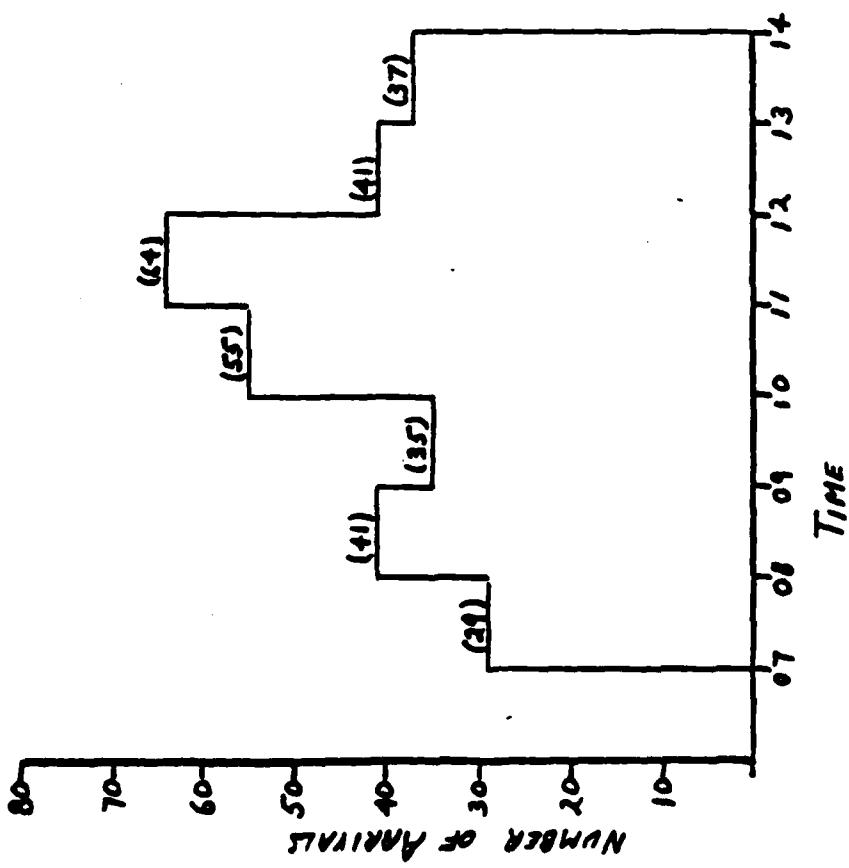


FIGURE 2. 1982 DEMAND  
(FROM 0000 TO 0700 LOCAL TIME)

1978 Annual Demand



1978 Departure Demand

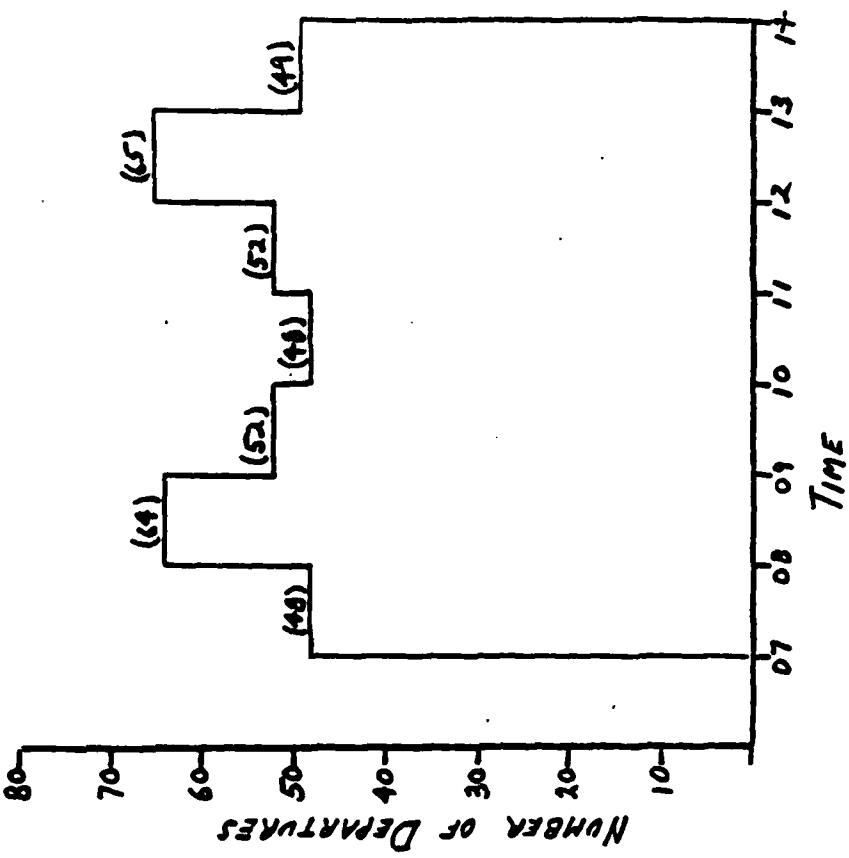
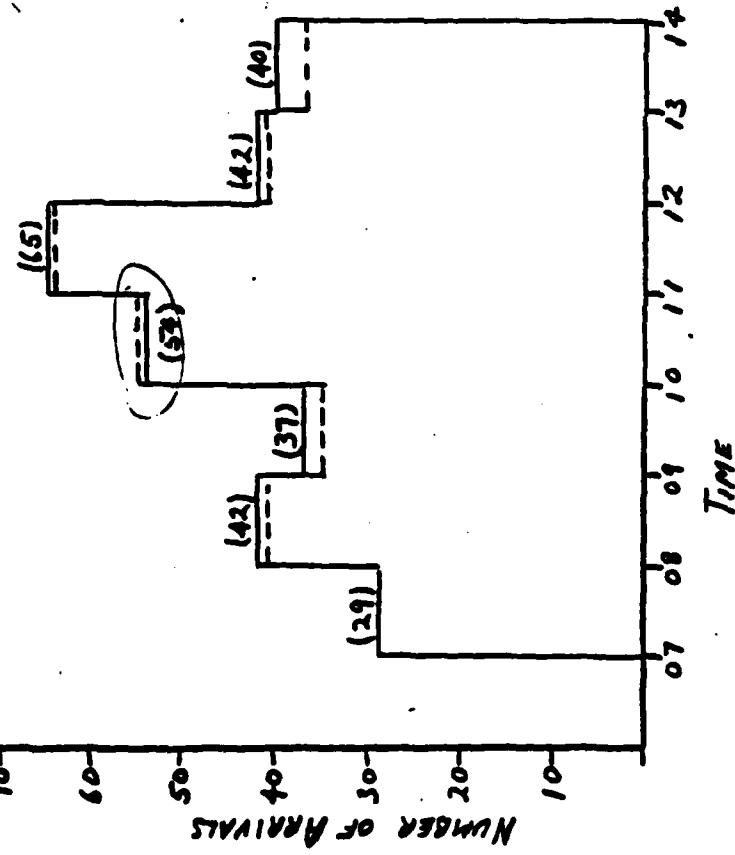


FIGURE 3. 1978 DEMAND  
(FROM 0700 TO 1400 LOCAL TIME)

1982 Arrival Demand

— 1982  
- - - 1978



1982 Departure Demand

— 1982  
- - - 1978

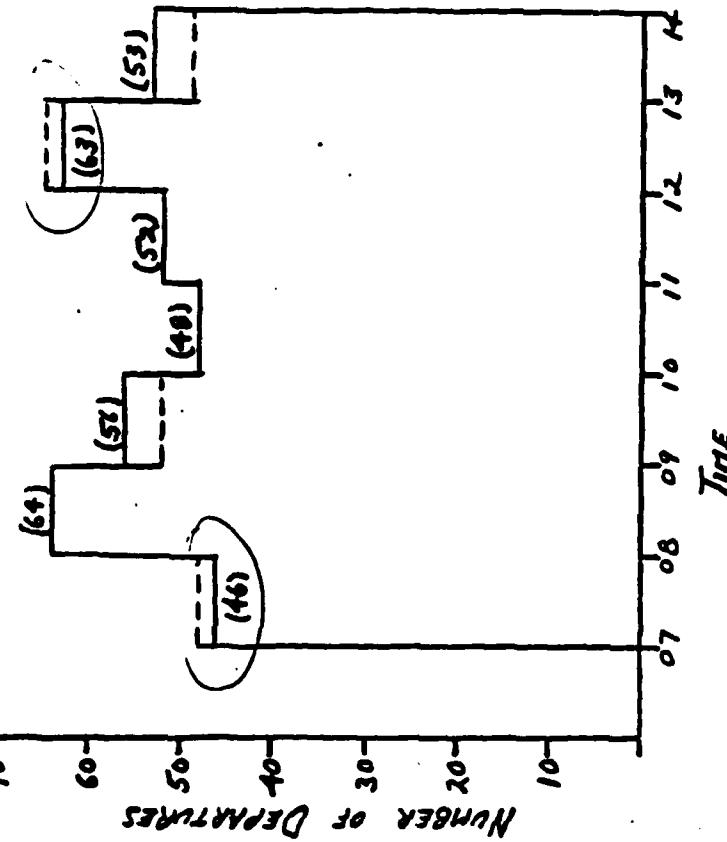
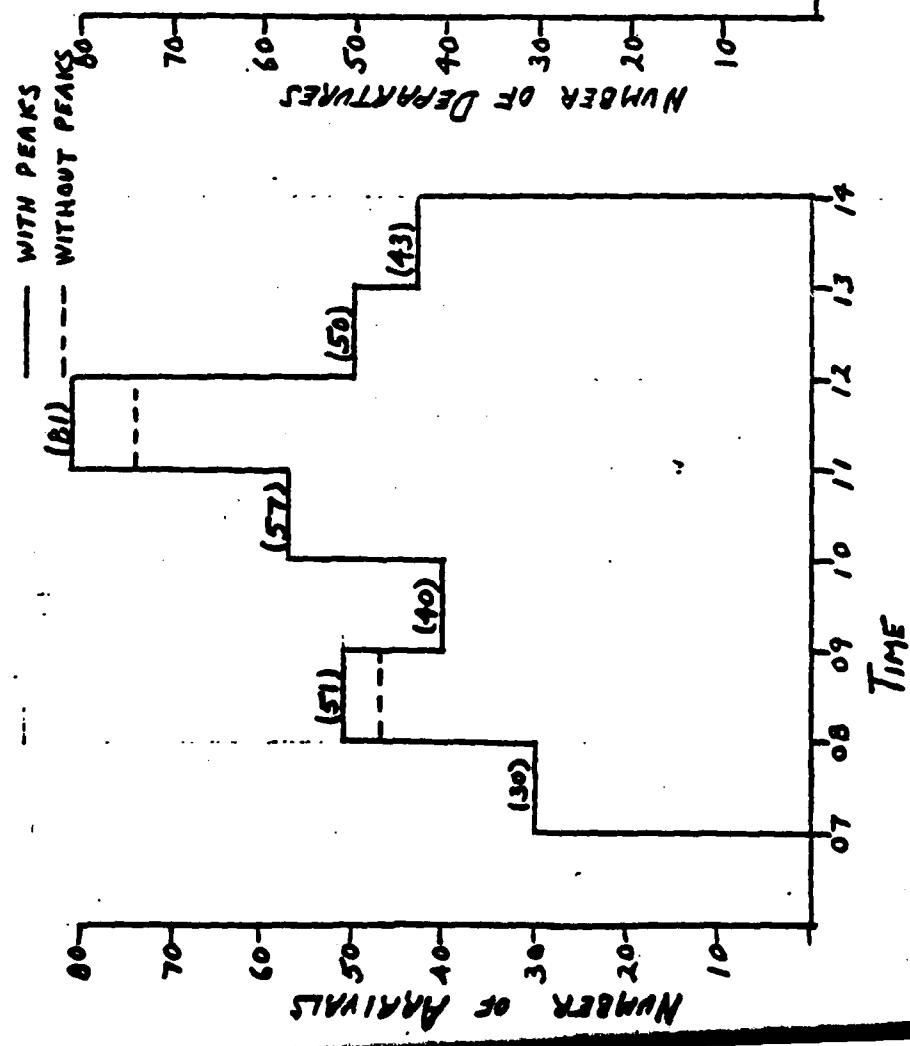


FIGURE 4. 1982 DEMAND  
(FROM 0700 TO 1400 LOCAL TIME )

1987 Annual Demand with Peaks



1987 Demands Demand with Peaks

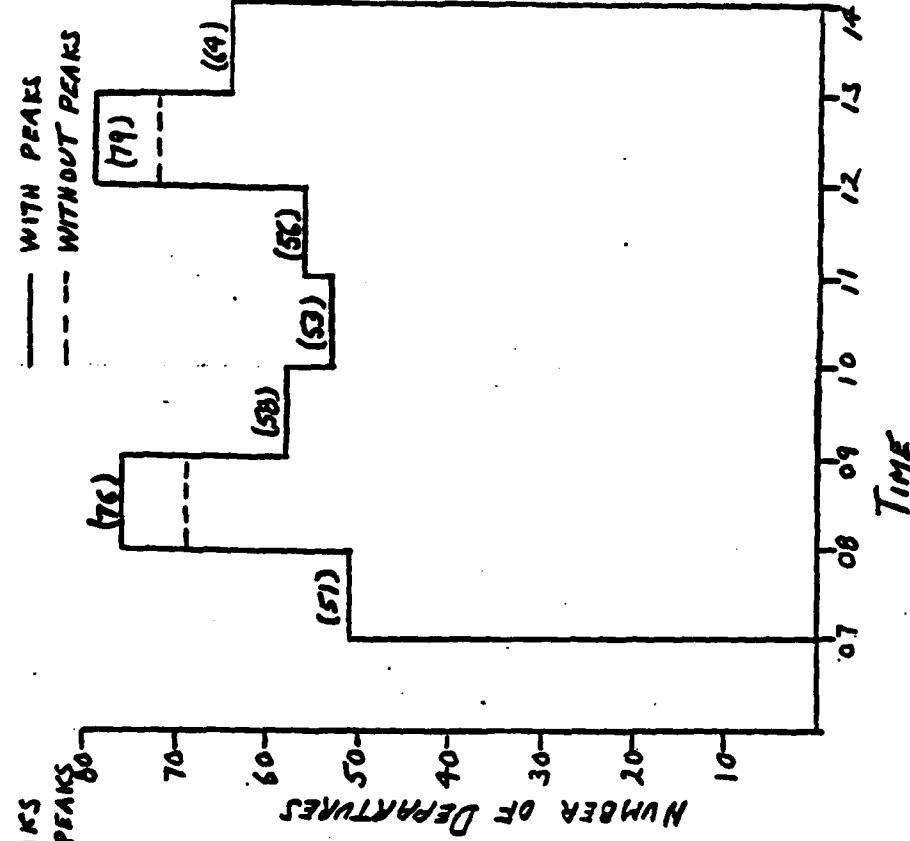
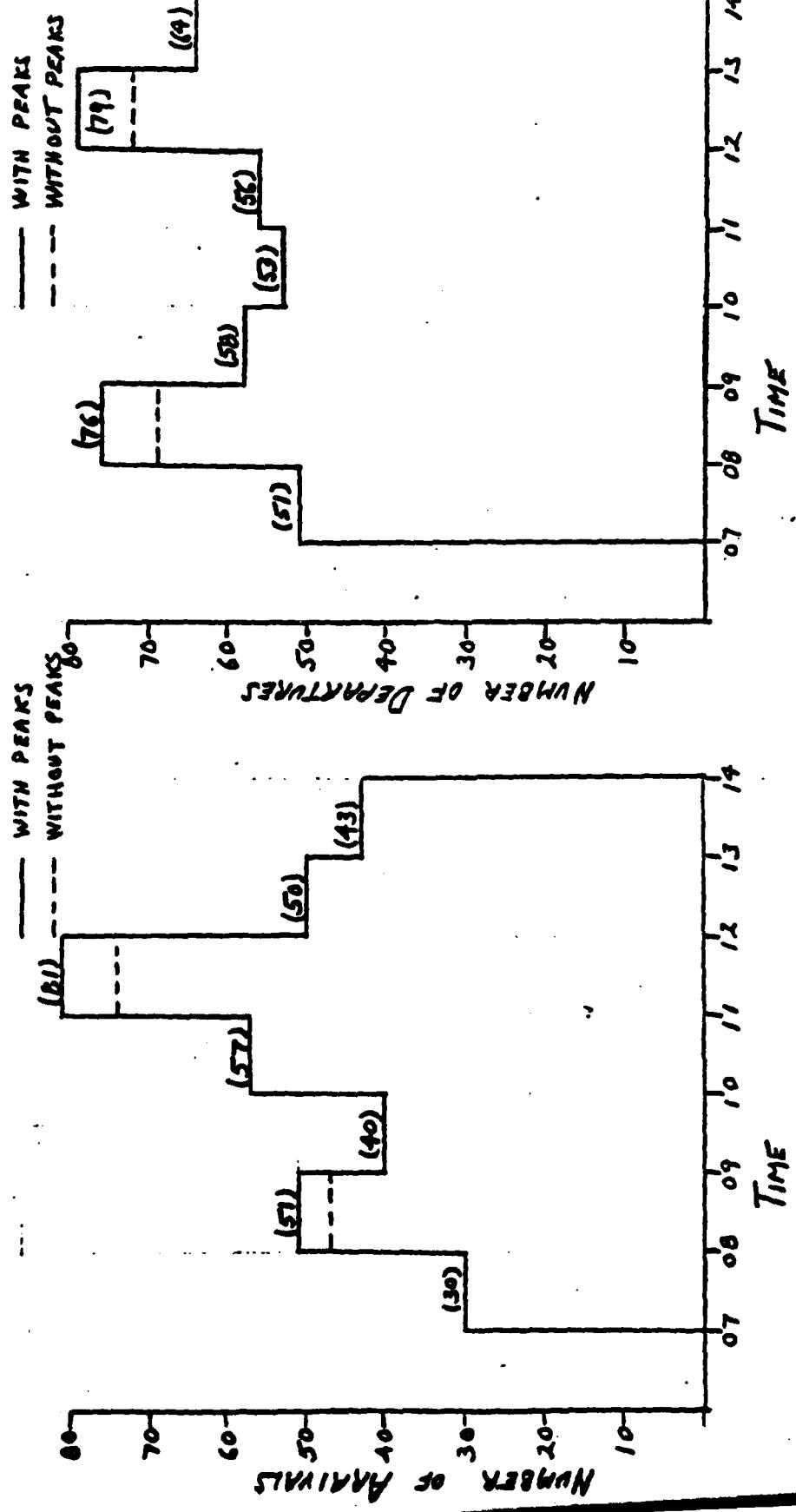


FIGURE 6. 1987 DEMAND WITH PEAKS  
(FROM 0700 TO 1400 LOCAL TIME)

1987 Arrival Demand With Peaks



1987 Departure Demand with Peaks

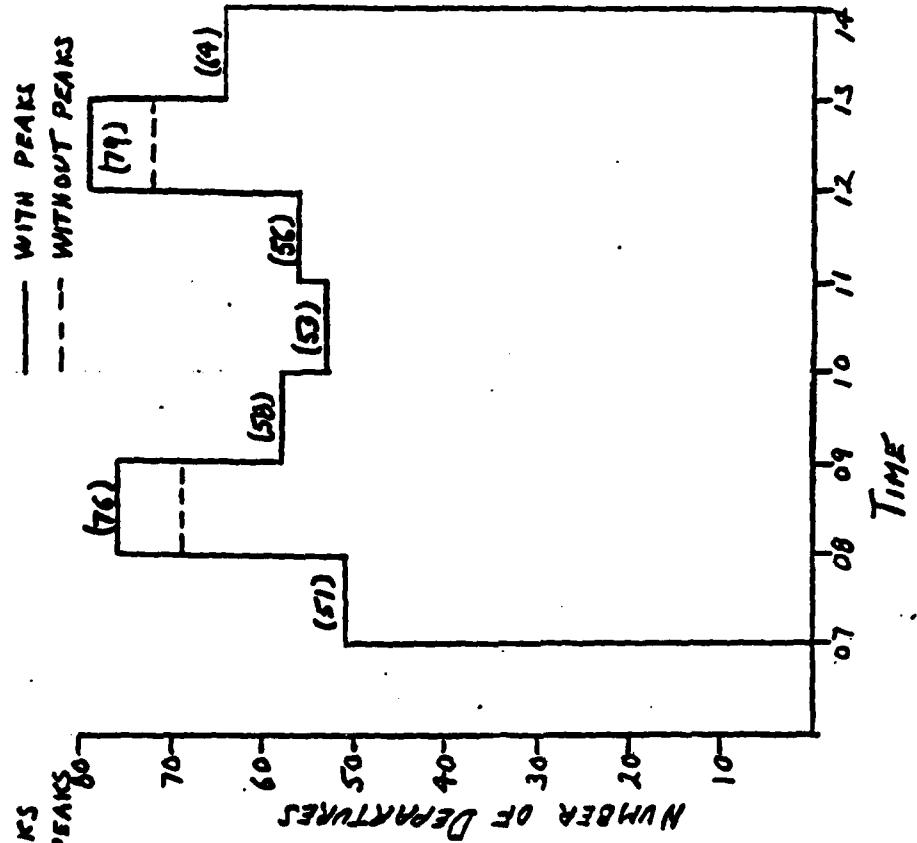


FIGURE 6. 1987 DEMAND WITH PEAKS  
(FROM 0700 TO 1400 LOCAL TIME)

**ATTACHMENT C**

**ANALYSIS of YEARLY TOTALS for PASSENGER and AIRCRAFT OPERATIONS**

**LOS ANGELES INTERNATIONAL AIRPORT**

**LOS ANGELES**

**AIRPORT IMPROVEMENT TASK FORCE DELAY STUDIES**

**AUGUST 1979**

THIS PAGE IS A COPY OF AN UNLAWFUL AIR MAIL FACSIMILE

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TABLE 5

**ANALYSIS of YEARLY TOTALS for PASSENGER and AIRCRAFT OPERATIONS**

|   | 1978<br>(ACTUAL)        | 1982                    | 1987                    |
|---|-------------------------|-------------------------|-------------------------|
| Total Daily Air Carrier and Supplemental Operations | 1455                    | 1478                    | 1492                    |
| <b>TOTAL DEPARTURES</b>                             | <b>727</b>              | <b>739</b>              | <b>746</b>              |
| % of Class 1 (For Class 2 Entire Class 3 Day)       | 25.3%<br>57.7%<br>17.0% | 27.2%<br>55.4%<br>17.4% | 33.1%<br>55.3%<br>11.6% |
| # of Passengers Per Aircraft                        | C. b.                   | 6182                    | 87                      |
| Class 1 280 seats x 0.65 L.F. = 182.0               | 300                     | 300                     | 300                     |
| 2 140 seats x 0.65 L.F. = 91.0                      | 160                     | 170                     | 170                     |
| 3 52 seats x 0.65 L.F. = 5.2                        | 26                      | 26                      | 26                      |
|   | 16.4                    | 16.4                    | 16.4                    |
| Class 1 182.0 x                                     | 184=33,488              | 201=36,582              | 247=44,954              |
| Class 2 91.0 x                                      | 419=38,129              | 409=37,219              | 413=37,583              |
| Class 3 5.2 x                                       | 124= 645                | 129= 670                | 86= 447                 |
| <b>DAILY PASSENGER TOTALS</b>                       | <b>72,262</b>           | <b>74,471</b>           | <b>82,984</b>           |
| July-August Passenger Totals                        | X 60<br>4,335,720       | X 60<br>4,468,260       | X 60<br>4,979,040       |
| + % of yearly Total                                 | + 0.25                  | + 0.25                  | + 0.25                  |
| <b>YEARLY PASSENGER COUNT</b>                       | <b>17,342,880</b>       | <b>17,873,040</b>       | <b>19,916,160</b>       |
| FAA Forecast  | ~15,000,000             | 17,834,000              | 19,563,000              |

21  
16,450,000 1,118

TABLE 5 (cont.)

|                                  | 1978        | 1982        | 1987        |
|----------------------------------|-------------|-------------|-------------|
| <b>DAILY AIRCRAFT OPERATIONS</b> | <b>1455</b> | <b>1478</b> | <b>1492</b> |
|                                  | x 60        | x 60        | x 60        |
| July-August Aircraft Operations  | 87,300      | 88,680      | 89,520      |
| + % of Yearly Total              | +0.19       | + 0.19      | + 0.19      |
|                                  | - 453,960   | 461,136     | 463,520     |
| FAA Forecast                     | ~ 431,000   | 460,000     | 488,000     |
| ACTUAL COUNT                     | 449,000     |             |             |

ATTACHMENT D

DISTRIBUTIONS APPLIED to DEMAND

LOS ANGELES INTERNATIONAL AIRPORT

LOS ANGELES

AIRPORT IMPROVEMENT TASK FORCE DELAY STUDIES  
AUGUST 1979

TABLE 6  
LAX 1978 and 1982 INPUT DISTRIBUTIONS

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| AIRLINE GROUP/GATE DISTRIBUTIONS                 | GATE/ARRIVAL RUNWAY DISTRIBUTIONS               | RUNWAY/ARRIVAL FIX DISTRIBUTIONS                    |
|--|---|---|
| AIRLINE CATEGORY<br>GATE, GATE, ...<br>Z, Z, ... | GATE, CLASS<br>RUNWAY, RUNWAY, ...<br>Z, Z, ... | RWY,<br>CLASS<br>_____, FIX<br>Z, Z, ...            |
| IA<br>1, 2, 3, 9, 10, 11<br>11, 26, 55, 2, 3, 5  | 1, 1<br>format<br>100 above                     | 1, 1<br>see<br>1, 2, 3, 4<br>7, 8, 5, 5, 2<br>above |
| EA<br>2<br>100                                   | 2, 1<br>see<br>1, 2, 4<br>39, 11, 50            | 2, 1<br>format<br>1, 2, 4<br>56, R, 32              |
| NA<br>1, 2, 3<br>3, 79, 18                       | 3, 1<br>1, 2<br>86, 74                          | 3, 1<br>1, 4<br>90, 10                              |
| PA<br>2, 3<br>31, 69                             | 4, 1<br>1, 2, 4<br>5, 15, 80                    | 4, 1<br>1, 2, 6<br>89, 4, 7                         |
| TW<br>1, 2, 3, 11, 13, 14<br>16, 78, 4, 1, 1     | 5, 1<br>6<br>100                                | 5, 2<br>1, 2, 3, 4, 5<br>25, 3, 17, 54, 1           |
| AA<br>4, 5, 11, 12<br>78, 20, 1, 1               | 6, 1<br>1, 4<br>23, 77                          | 6, 2<br>1, 2, 3, 4, 5<br>46, 3, 11, 39, 1           |
| CO<br>5, 6, 7<br>6, 20, 76                       | 7, 1<br>1, 3, 6<br>5, 5, 90                     | 7, 2<br>1, 2, 3, 4, 5<br>28, 6, 3, 52, 1            |
| DL<br>5, 6, 7<br>6, 85, 9                        | 8, 1<br>2, 4<br>10, 90                          | 8, 2<br>1, 2, 3, 4, 5<br>74, 13, 1, 10, 2           |
| NW<br>6<br>100                                   | 9, 2<br>1, 3, 6<br>5, 21, 74                    | 9, 3<br>1, 2, 3, 4, 5, 6<br>28, 22, 33, 12, 3, 7    |
| PS<br>5, 6, 7, 11, 12<br>3, 43, 52, 1, 1         | 10, 2<br>1, 3, 6<br>40, 7, 53                   | 10, 3<br>1, 2, 3, 4, 5, 6<br>32, 45, 16, 3, 5, 1    |
| 71<br>8<br>100                                   | 11, 4<br>3, 6<br>39, 61                         | 11, 3<br>1, 2, 3, 4, 5<br>13, 33, 34, 13, 7         |
| UA<br>7, 8<br>35, 65                             | 12, 1<br>1, 3, 6<br>5, 41, 54                   | 12, 3<br>1, 2, 3, 4, 5, 6<br>55, 22, 12, 4, 7       |
| WA<br>6, 5, 6<br>3, 48, 39                       | 13, 1<br>1, 3, 6<br>5, 36, 61                   | 13, 4<br>1, 2, 3, 5<br>33, 34, 25, 8                |
| MI<br>9, 10<br>50, 50                            | 14, 1<br>1, 3, 6<br>3, 73, 24                   | 14, 4<br>1, 2, 3, 5<br>50, 20, 20, 9                |
| CT<br>5, 6, 7<br>20, 72, 8                       | 15, 1<br>1, 3, 6<br>7, 55, 66                   | 15, 4<br>1, 2, 3, 5<br>25, 25, 25, 25               |
| C2<br>9, 10, 11, 12<br>9, 5, 85, 1               | 16, 2<br>1, 3, 6<br>33, 67                      | 16, 5<br>1, 2, 3, 5<br>33, 45, 11, 11               |
| FT<br>10, 12<br>13, 87                           | 17, 4<br>3, 6<br>33, 67                         | 17, 6<br>1, 2, 3, 5<br>33, 45, 11, 11               |
| GA<br>9, 10, 11, 12<br>55, 8, 36, 1              | 18, 6<br>1, 3, 6<br>47, 10, 16, 27              | 18, 6<br>1, 2, 3, 5<br>33, 45, 11, 11               |
|  | 19, 6<br>3, 6<br>33, 77                         | 19, 6<br>1, 2, 3, 5<br>33, 45, 11, 11               |

TABLE 6 (cont.)

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## LAX 1978 and 1982 INPUT DISTRIBUTIONS

| GATE/DEPARTURE RUNWAY<br>DISTRIBUTIONS            |                   | RUNWAY/DEPARTURE FIX<br>DISTRIBUTIONS                                      |
|---|-------------------|--|
| } GATE/CLASS<br>RUNWAY, RUNWAY, ...<br>Z, Z, .... |                   | } FLAG, FIX, CLASS<br>RUNWAY, ..., FIX<br>Z, Z, ...<br>(FLAG=0, SET FIX=9) |
| 2, 1  | see<br>format     | 1, 1, 1  |
| 2, 3  | 1, 2              | 1, 2   |
| above   | 3, 4              | 72, 28   |
|   | 33, 47            |  |
| 3, 1  | 11, 2             | 1, 2, 1  |
| 2   | 1, 2              | 1, 2   |
| 100   | 75, 25            | 72, 28   |
| 4, 1  | 12, 2             | 1, 3, 1  |
| 1, 2, 4   | 3, 6              | 1  |
| 3, 95, 7  | 45, 34            | 100  |
| 5, 1  | 13, 2             | 1, 4, 1  |
| 2   | 3                 | 1  |
| 100   | 100               | 100  |
| 6, 1  | 4, 3              | 1, 1, 2  |
| 1, 2, 4   | 2, 6              | 1, 2   |
| 10, 75, 15  | 33, 67            | 27, 73   |
| 7, 1  | 3, 3              | 1, 2, 2  |
| 2   | 1, 3, 4           | 1, 2   |
| 100   | 25, 25, 50        | 27, 73   |
| 8, 1  | 6, 3              | 1, 3, 2  |
| 1, 2, 3   | 3                 | 1  |
| 4, 94, 2  | 100               | 100  |
| 10, 1   | 7, 3              | 1, 4, 2  |
| 2   | 3                 | 1  |
| 100   | 100               | 100  |
| 11, 1   | 8, 3              | 1, 1, 3  |
| 2   | 3, 4              | 2  |
| 100   | 50, 50            | 100  |
| 12, 1   | 9, 3              | 1, 2, 3  |
| 3   | 3, 4              | 2  |
| 100   | 35, 65            | 100  |
| 1, 2  | 10, 3             | 1, 3, 3  |
| 1, 2, 3   | 2, 3, 4           | 1  |
| 33, 33, 34  | 23, 23, 50        | 100  |
| 2, 2  | 11, 3             | 1, 4, 3  |
| 2, 3, 6   | 1, 2, 3, 6        | 1  |
| 73, 25, 2   | 1, 27, 19, 32, 22 | 100  |
| 3, 2  | 12, 3             | 1, 1, 4  |
| 2, 3, 4   | 3                 | 2  |
| 86, 5, 9  | 100               | 100  |
| 4, 2  | 9, 6              | 1, 2, 4  |
| 2, 3, 4   | 1, 2, 4           | 2  |
| 2, 71, 27   | 7, 7, 30          | 100  |
| 5, 2  | 10, 4             | 1, 3, 4  |
| 2, 3, 6   | 1, 2, 3           | 1  |
| 19, 57, 24  | 33, 33, 36        | 100  |
| 6, 2  | 11, 4             | 1, 4, 4  |
| 1, 2, 3, 6  | 1, 2, 3, 6        | 1  |
| 7, 25, 55, 13                                     | 34, 30, 17, 27    | 100  |
| 7, 2  | 12, 4             |  |
| 1, 2, 3, 6  | 4                 |  |
| 8, 31, 44, 17                                     | 100               |  |
| 8, 2  | 1, 1              |  |
| 2, 3, 4   | 2, 3              |  |
| 19, 61, 20  | 99, 2             |  |
| 9, 6  |                   |  |
| 3, 4  |                   |  |
| 50, 50  | 1                 |  |

TABLE 7  
LAX TUNNEL IMPROVEMENT INPUT DISTRIBUTIONS

21

| AIRLINE GROUP/GATE DISTRIBUTIONS               | GATE/ARRIVAL RUNWAY DISTRIBUTIONS               | RUNWAY/ARRIVAL FIX DISTRIBUTIONS               |
|--|---|--|
| AIRLINE CATEGORY<br>GATE, GATE, ...<br>Z,Z,... | GATE, CLASS<br>RUNWAY, RUNWAY, ...<br>Z,Z,...   | RWY<br>CLASS<br>RUNWAY, RUNWAY, F/N<br>Z,Z,... |
|  | T-1 see 6.3<br>1 formats 3.4<br>TUD above 67.33 |  |
|  | 2.1 5.3<br>T-2.4 6<br>39.11.5C 100              |  |
|  | 3.1 6.3<br>1.2 3.6<br>86.74 67.33               |  |
|  | 4.1 7.3<br>T-2.4 3.6<br>5.15.8N 5N.5N           |  |
|  | 5.1 19.3<br>6 3.6<br>100 10.90                  |  |
|  | 6.1 10.3<br>7.6 11.6<br>23.77 17.33             |  |
|  | 7.1 11.3<br>1.3.4 11.2.3<br>5.5.90 78.21.1      |  |
|  | 8.1 12.3<br>2.6 6<br>10.90 100                  |  |
|  | 1.2 19.4<br>1.3.4 3.6<br>5.21.72 50.50          |  |
|  | 2.2 10.4<br>1.3.4 1<br>40.7.53 100              |  |
|  | 6.4 11.4<br>3.6 1.2<br>39.61 79.21              |  |
|  | 5.2 13.2<br>1.3.4 11.3.4<br>5.41.56 40.7.53     |  |
|  | 6.4 12.1<br>1.3.4 2.6<br>2.26.41 10.90          |  |
|  | 7.2 10.1<br>1.3.6 2.6<br>3.73.24 10.90          |  |
|  | 8.6 11.1<br>1.3.6 1.2.6<br>1.55.66 13.95.22     |  |
|  | 9.6 13.2<br>T-6 3.6<br>23.47 23.77              |  |
|  | 10.2 12.4<br>3.6 6<br>35.67 100                 |  |
|  | 11.2  |  |
|  | 1.2.3.6<br>47.10.16.27                          |  |
|  | 12.2  |  |
|  | 3.6   |  |
|  | 23.77   |  |

TABLE 7 (cont.)

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## LAX TUNNEL IMPROVEMENT INPUT DISTRIBUTIONS

| GATE/DEPARTURE RUNWAY DISTRIBUTIONS |        | RUNWAY/DEPARTURE FIX DISTRIBUTIONS  |
|-------------------------------------|--------|---|
| KWW                                 |        | FLAG, KWW, CLASS<br>NUMBER, RUNWAY, FIX<br>Z, Z, ...<br>(FLAG=0, SET FIX=9) |
| 2,1                                 | see    | 10,2  |
| 2                                   | former | 2,4   |
| 100                                 | above  | 25,75   |
| 3,1                                 |        | 11,2  |
| 2                                   |        | 1,2,3   |
| 100                                 |        | 20,60,20  |
| 4,1                                 |        | 12,2  |
| 2                                   |        | 3,4   |
| 100                                 |        | 75,25   |
| 5,1                                 |        | 13,2  |
| 2,3,4                               |        | 3,6   |
| 30,60,10                            |        | 75,25   |
| 6,1                                 |        | 4,3   |
| 3,6                                 |        | 2,4   |
| 75,25                               |        | 33,67   |
| 7,1                                 |        | 5,3   |
| 3,6                                 |        | 1,3,6   |
| 75,25                               |        | 25,25,50  |
| 8,1                                 |        | 6,3   |
| 3,6                                 |        | 3   |
| 75,25                               |        | 100   |
| 10,1                                |        | 7,3   |
| 3,6                                 |        | 3   |
| 75,25                               |        | 1,100   |
| 11,1                                |        | 8,3   |
| 2                                   |        | 3,6   |
| 100                                 |        | 30,50   |
| 12,1                                |        | 9,3   |
| 3,6                                 |        | 3,6   |
| 75,25                               |        | 35,65   |
| 1,2                                 |        | 10,3  |
| 1,2                                 |        | 1,2,3,6   |
| 3,95                                |        | 27,18,32,23   |
| 2,2                                 |        | 12,3  |
| 1,2                                 |        | 3   |
| 3,95                                |        | 100   |
| 6,6                                 |        | 9,6   |
| 1,2,3                               |        | 17,2,8  |
| 20,60,20                            |        | 17,7,86   |
| 5,6                                 |        | 10,6  |
| 2,3,6                               |        | 1,2,3,3   |
| 10,70,20                            |        | 33,33,76  |
| 6,6                                 |        | 11,6  |
| 3,6                                 |        | 1,2,3,4   |
| 75,25                               |        | 38,30,12,20   |
| 7,2                                 |        | 12,6  |
| 3,6                                 |        | 4   |
| 75,25                               |        | 100   |
| 8,2                                 |        | 1,1   |
| 3,6                                 |        | 2   |
| 75,25                               |        | 100   |
| 9,6                                 |        |   |
| 3,6                                 |        |   |
| 10,90                               |        |   |

SET  
DISTRIBUTIONS  
THE SAME  
AS TABLE 12  
PAGE 33.

TABLE 8  
LAX TERMINAL EXPANSION INPUT DISTRIBUTIONS

23

| AIRLINE<br>GROUP/GATE<br>DISTRIBUTIONS          | GATE/ARRIVAL RUNWAY<br>DISTRIBUTIONS           |                                       |                                |
|---|--|---------------------------------------|--------------------------------|
| AIRLINE CATEGORY<br>GATE, GATE,...<br>Z, Z,.... | GATE, CLASS<br>RUNWAY, RUNWAY,...<br>Z, Z,.... |                                       |                                |
| 14<br>9, 10, 11, 20, 22<br>2, 3, 3, 46, 46      | see<br>format<br>1<br>100                      | see<br>format<br>1, 3, 4<br>1, 55, 66 | 119, 5<br>1, 2, 3<br>78, 21, 7 |
| EA  | 2, 1   | 1, 9, 2                               | 20, 3                          |
| 2   | 1, 2, 6  | 1, 6                                  | 1, 2, 3                        |
| 100   | 39, 11, 50                                     | 33, 67                                | 78, 21, 1                      |
| NA  | 3, 1   | 1, 10, 2                              | 21, 3                          |
| 2   | 1, 2   | 3, 6                                  | 1, 2, 3, 4                     |
| 100   | 36, 14   | 33, 67                                | 160, 10, 10, 20                |
| PA  | 4, 1   | 1, 11, 2                              | 22, 3                          |
| 2, 3<br>31, 69                                  | 1, 2, 6  | 1, 12, 3, 4                           | 3, 6                           |
| 14<br>1, 2, 11, 13, 14<br>16, 78, 4, 1, 1       | 3, 15, 30                                      | 67, 11, 10, 27                        | 67, 33                         |
| AA  | 5, 1   | 1, 12, 2                              | 19, 6                          |
| 6, 5, 11, 12<br>78, 20, 1, 1                    | 4  | 3, 6                                  | 13, 6                          |
| 100   | 100  | 1, 23, 77                             | 30, 50                         |
| CO  | 6, 1   | 1, 19, 2                              | 110, 4                         |
| 6, 7<br>24, 76                                  | 1, 3, 6  | 1, 13, 6                              | 1                              |
| 100   | 3, 5, 90                                       | 5, 21, 76                             | 179, 21                        |
| DL  | 6, 1   | 1, 21, 2                              | 19, 6                          |
| 6, 7<br>91, 9                                   | 2, 6   | 1, 12, 3, 6                           | 1, 2                           |
| 100   | 10, 90   | 67, 10, 10, 27                        | 179, 21                        |
| NW  | 19, 1  | 1, 22, 2                              | 20, 6                          |
| 6   | 1, 2, 6  | 1, 3, 6                               | 1, 2                           |
| 100   | 39, 11, 50                                     | 5, 21, 76                             | 179, 21                        |
| PS  | 20, 1  | 6, 3                                  | 21, 6                          |
| 11, 12, 19<br>1, 1, 98                          | 1, 2, 6  | 3, 6                                  | 1, 2, 3, 6                     |
| 100   | 30, 40, 10                                     | 1, 27, 33                             | 60, 10, 10, 20                 |
| TT  | 21, 1  | 5, 3                                  | 22, 6                          |
| 8   | 1, 2, 6  | 6                                     | 3, 6                           |
| 100   | 25, 25, 50                                     | 100                                   | 67, 33                         |
| UA  | 22, 1  | 1, 6, 3                               | 3, 6                           |
| 7, 8<br>35, 65                                  | 1, 2, 6  | 3, 6                                  | 1, 3, 6                        |
| 100   | 3, 5, 90                                       | 67, 11, 10, 27                        | 60, 7, 33                      |
| WA  | 1, 6   | 1, 7, 3                               | 12, 1                          |
| 5, 6<br>61, 39                                  | 1, 3, 6  | 3, 6                                  | 2, 6                           |
| 100   | 3, 21, 76                                      | 50, 50                                | 10, 90                         |
| M1  | 6, 6   | 1, 9, 3                               | 110, 1                         |
| 9, 10<br>50, 50                                 | 1, 3, 6  | 3, 6                                  | 2, 6                           |
| 100   | 40, 7, 53                                      | 10, 90                                | 10, 90                         |
| C1  | 6, 6   | 1, 10, 3                              | 11, 1                          |
| 5, 6, 7<br>20, 72, 8                            | 3, 6   | 1, 2, 6                               | 1, 2, 6                        |
| 100   | 39, 61   | 1, 12, 33                             | 14, 69, 7                      |
| C2  | 5, 2   | 1, 11, 3                              | 13, 2                          |
| 9, 10, 12, 21<br>9, 9, 1, 85                    | 1, 2, 6  | 1, 2, 3                               | 3, 6                           |
| 100   | 3, 61, 56                                      | 1, 27, 21, 7                          | 123, 77                        |
| FT  | 6, 2   | 1, 12, 3                              | 12, 4                          |
| 10, 12<br>13, 37                                | 1, 3, 6  | 6                                     | —                              |
| 100   | 3, 26, 61                                      | 100                                   | 1100                           |
| GA  | 2  | 1                                     | 113, 1                         |
| 9, 10, 12, 21<br>55, 8, 1, 36                   | 1, 3, 6  | —                                     | 3, 6                           |
| 100   | 3, 73, 24                                      | 1                                     | 123, 77                        |

TABLE 8 (cont.)

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## LAX TERMINAL EXPANSION INPUT DISTRIBUTIONS

| GATE/DEPARTURE RUNWAY<br>DISTRIBUTIONS         |        |             |           |
|--|--------|-------------|-----------|
| GATE/CLASS<br>RUNWAY, RUNWAY, ...<br>Z, Z, ... |        |             |           |
| 2,1  | see    | 7,2         | 172,3     |
| 2,3  | format | 7,2,3,6     | 1,3       |
| -98,2  | above  | 8,31,64,17  | 1,100     |
| 3,1  |        | 8,6         | 1,19,3    |
| 2  |        | 2,3,4       | 1,2       |
| 100  |        | 19,61,20    | 173,25    |
| 6,1  |        | 9,2         | 20,3      |
| 1,2,4  |        | 3,6         | 1,2       |
| 3,95,2   |        | 150,50      | 173,25    |
| 3,1  |        | 10,2        | 21,3      |
| 2  |        | 1,6         | 1,2,3,4   |
| 100  |        | 33,61       | 173,25    |
| 6,1  |        | 11,6        | 22,3      |
| 1,2,6  |        | 1,2         | 2,6       |
| 10,75,13                                       |        | 175,25      | 33,67     |
| 7,1  |        | 12,6        | 9,6       |
| 2  |        | 3,6         | 1,2,4     |
| 100  |        | 63,33       | 173,25    |
| 6,1  |        | 13,2        | 110,6     |
| 1,2,3  |        | 3           | 1,2,3     |
| 6,95,2   |        | 1100        | 33,33,34  |
| 10,1   |        | 19,2        | 111,6     |
| 2  |        | 1,2,3       | 1,1,2,3,4 |
| 100  |        | 33,33,34    | 173,25    |
| 11,1   |        | 12,2        | 12,6      |
| 2  |        | 6,3,6       | 1,6       |
| 100  |        | 173,25,2    | 100       |
| 12,1   |        | 21,2        | 19,6      |
| 3  |        | 1,2         | 1,2       |
| 100  |        | 73,25       | 173,25    |
| 13,1   |        | 22,2        | 20,6      |
| 2  |        | 2,6         | 1,6       |
| 100  |        | 33,67       | 173,25    |
| 20,1   |        | 6,3         | 21,6      |
| 2  |        | 2,6         | 1,1,2,3,4 |
| 100  |        | 33,67       | 173,25    |
| 21,1   |        | 5,3         | 22,6      |
| 2  |        | 1,3,6       | 1,1,2,3   |
| 100  |        | 23,25,50    | 33,33,34  |
| 22,1   |        | 6,3         | 1,6       |
| 2  |        | 3           | 1,6,3     |
| 100  |        | 1100        | 173,25    |
| 1,2  |        | 1,3         | 13,1      |
| 1,2,3,3  |        | 3           | 3         |
| 33,33,34                                       |        | 100         | 173,25    |
| 2,2  |        | 18,3        | 1         |
| 2,3,4  |        | 1,6         | 1         |
| 23,25,2  |        | 30,30       | 1         |
| 3,2  |        | 19,3        | 1         |
| 2,3,6  |        | 3,6         | 1         |
| 86,25,9  |        | 35,65       | 1         |
| 6,2  |        | 110,3       | 1         |
| 2,3,4  |        | 12,3,4      | 1         |
| 2,67,1,27                                      |        | 22,22,22    | 1         |
| 3,2  |        | 11,3        | 1         |
| 2,3,4  |        | 1,2,3,6     | 1         |
| 19,57,26                                       |        | 27,19,32,23 | 1         |
| 6,2  |        |             | 1         |
| 7,1,2,3,4                                      |        |             | 1         |
| 7,1,2,3,4                                      |        |             | 1         |

TABLE 9

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## LAX REMOTE TERMINAL INPUT DISTRIBUTIONS

| AIRLINE<br>GROUP/GATE<br>DISTRIBUTIONS        | GATE/ARRIVAL RUNWAY<br>DISTRIBUTIONS                  | RUNWAY/ARRIVAL FIX<br>DISTRIBUTIONS        |
|---|---|--|
| AIRLINE CATEGORY<br>GATE, GATE,...<br>Z,Z,... | GATE, CLASS<br>RUNWAY, RUNWAY,...<br>Z,Z,...          | RUNWAY,<br>CLASS<br>RUNWAY, FIX<br>Z,Z,... |
| IA<br>1,2,3,4,10,11,30<br>11,20,43,2,3,3,10   | 1,1 see<br>format<br>100 show                         | 12,2 13,2<br>3,4 13,4<br>23,77 23,77       |
| IA see format<br>2 above<br>100               | 2,1 30,2<br>1,2,6 1,1,3,4<br>39,11,50 60,7,33         | 12,6<br>4 6<br>100                         |
| NA<br>1,2,3<br>3,79,18                        | 3,1 4,3<br>1,2 3,6<br>86,14 1,67,33                   |  |
| PA<br>2,3<br>31,69                            | 4,1 5,3<br>1,2,4 1,4<br>5,15,80 100                   |  |
| TV<br>1,2,11,13,14<br>16,78,6,1,1             | 5,1 6,3<br>4 3,6<br>100 1,67,33                       |  |
| AA<br>4,5,11,12<br>78,20,1,1                  | 6,1 7,3<br>1,6 3,6<br>23,77 50,50                     |  |
| CO<br>3,6,7<br>4,20,7,9                       | 7,1 9,3<br>1,2,4 1,3,6<br>9,5,90 10,90                |  |
| DL<br>3,6,7<br>4,20,9                         | 8,1 10,3<br>2,4 1,4<br>10,90 17,83                    |  |
| NW<br>4<br>100                                | 10,1 11,3<br>1,2,4 1,2,3<br>39,11,50 1,78,21,1        |  |
| PZ<br>5,6,7,11,12<br>3,43,32,1,1              | 1,2 1,12,3<br>1,3,6 6<br>3,21,76 100                  |  |
| TS<br>1<br>100                                | 2,2 1,30,3<br>1,3,6 1,2,3<br>40,7,53 1,78,21,1        |  |
| UA<br>7,8<br>33,63                            | 4,2 9,6<br>3,4 3,6<br>39,61 10,90                     |  |
| WA<br>4,5,6<br>3,28,3,9                       | 5,2 10,4<br>1,3,6 1<br>3,6,1,54 100                   |  |
| MJ<br>9,10<br>50,90                           | 6,2 11,4<br>1,3,6 1,2<br>5,9,6,61 1,78,21             |  |
| C1<br>3,6,7<br>20,72,8                        | 7,2 1,30,4<br>1,3,6 1,2<br>3,73,24 1,78,21            |  |
| C2<br>9,10,11,12<br>9,3,6,8,1                 | 8,2 1,3,2<br>1,3,6 1,1,3,6<br>1,33,6,6 1,60,7,33      |  |
| F1<br>10,12<br>13,87                          | 9,2 1,12,1<br>1,6 2,6<br>33,6,7 10,90                 |  |
| GA<br>9,10,11,12<br>33,8,36,1                 | 10,2 10,1<br>3,6 2,4<br>33,6,7 10,90                  |  |
|   | 11,2 11,1<br>1,2,3,4 1,1,2,4<br>47,10,16,27 1,3,9,5,2 |  |

NOTE: Gate 30 converted to Gate 75 in Demand schedule.

TABLE 9 (cont.)

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## LAX REMOTE TERMINAL INPUT DISTRIBUTIONS

| GATE/DEPARTURE RUNWAY<br>DISTRIBUTIONS            |             | RUNWAY/DEPARTURE FIX<br>DISTRIBUTIONS   |
|---|-------------|---|
| } GATE/CLASS<br>RUNWAY, RUNWAY, ...<br>Z, Z, .... |             | FLAG, <del>      </del> , CLASS<br><del>      </del> , <del>      </del> , .., F/X<br>Z, Z, ....<br>(FLAG=0, SET FIX=9) |
| 2.1   | see 9.2     | .30.4   |
| 2.1   | format 3.4  | 1.2   |
| 98.2  | 130.50      | 75.25   |
| 3.1   | 10.2        | 1.1   |
| 2   | 2.4         | 2.3   |
| 100   | 33.67       | 98.2  |
| 4.1   | 11.2        | 13.2  |
| 2.2.4   | 1.2         | 3   |
| 3.95.2  | 75.25       | 100   |
| 5.1   | 11.2        |   |
| 2   | 3.4         |   |
| 100   | 65.35       |   |
| 6.1   | 13.2        |   |
| 1.2.4   | 3           |   |
| 10.75.15  | 100         |   |
| 7.1   | 13.2        |   |
| 2   | 1.2.3       |   |
| 100   | 33.33.34    |   |
| 8.1   | 6.3         |   |
| 1.2.3   | 1.2.4       |   |
| 6.96.2  | 33.67       |   |
| 10.1  | 5.1         |   |
| 2   | 1.3.6       |   |
| 100   | 25.25.50    |   |
| 11.1  | 6.3         |   |
| 2   | 3           |   |
| 100   | 100         |   |
| 12.1..  | 7.3         |   |
| 3   | 3           |   |
| 100   | 1100        |   |
| 30.1  | 6.3         |   |
| 2   | 1.2.4       |   |
| 100   | 50.50       |   |
| 1.2   | 5.2         |   |
| 1.2.3   | 3.6         |   |
| 33.33.34  | 35.65       |   |
| 2.2   | 110.3       |   |
| 2.3.4   | 243.4       |   |
| 73.25.2   | 25.25.50    |   |
| 3.2   | 11.1        |   |
| 2.3.4   | 1.2.3.4     |   |
| 86.5.9  | 27.18.32.23 |   |
| 4.2   | 12.3        |   |
| 2.2.2.5   | 3           |   |
| 2.71.27   | 100         |   |
| 3.2   | 30.3        |   |
| 2.3.4   | 1.2         |   |
| 19.47.21  | 75.25       |   |
| 4.2   | 1.2.4       |   |
| 1.2.3.4   | 1.2.4       |   |
| 7.25.55.13  | 7.7.86      |   |
| 7.2   | 10.4        |   |
| 1.2.3.4   | 1.2.3.3     |   |
| 8.31.44.17  | 33.33.34    |   |
| 8.2   | 11.6        |   |
| 2.3.4   | 1.2.3.4     |   |
| 19.61.20  | 38.30.12.20 |   |
|   | 12.6        |   |
|   | 4           |   |
|   | 100         |   |

TABLE 10

27

## LAX TUNNEL CONSTRUCTION INPUT DISTRIBUTIONS (VFR)

| AIRLINE<br>GROUP/GATE<br>DISTRIBUTIONS          | GATE/ARRIVAL RUNWAY<br>DISTRIBUTIONS           | RUNWAY/ARRIVAL FIX<br>DISTRIBUTIONS         |
|---|--|---|
| AIRLINE CATEGORY<br>GATE, GATE,...<br>Z, Z,.... | GATE, CLASS<br>RUNWAY, RUNWAY,...<br>Z, Z,.... | Runway<br>CLASS<br>Runway, Fix<br>Z, Z,.... |
|   | 1,1<br>1<br>100                                | 5,3<br>1,2,6<br>25,25,50                    |
|   | 1,1<br>1<br>100                                | 6,3<br>1,2,6<br>25,11,50                    |
|   | 1,1<br>1<br>100                                | 100<br>2,3<br>4<br>86,16                    |
|   | 1,1<br>1<br>100                                | 100<br>9,3<br>1,2,6<br>5,15,50              |
|   | 1,1<br>1<br>100                                | 100<br>10,3<br>2,6<br>50,50                 |
|   | 1,1<br>1<br>100                                | 11,3<br>1,2,6<br>23,27                      |
|   | 1,1<br>1<br>100                                | 12,3<br>4<br>5,95                           |
|   | 1,1<br>1<br>100                                | 9,4<br>2,6<br>10,90                         |
|   | 1,1<br>1<br>100                                | 10,4<br>4<br>50,50                          |
|   | 1,1<br>1<br>100                                | 11,6<br>1,2<br>50,50                        |
|   | 1,1<br>1<br>100                                | 12,2<br>23,25<br>1,2,6<br>40,40,20          |
|   | 1,1<br>1<br>100                                | 3,2<br>1,2,6<br>25,25,50                    |
|   | 1,1<br>1<br>100                                | 3,3,4<br>60,7,53                            |
|   | 1,1<br>1<br>100                                | 3,3,2<br>3,6<br>23,27                       |
|   | 1,1<br>1<br>100                                | 1,2,6<br>25,25,50                           |
|   | 1,1<br>1<br>100                                | 8,2<br>1,2,6<br>25,25,50                    |
|   | 1,1<br>1<br>100                                | 9,2<br>2,6<br>10,90                         |
|   | 1,1<br>1<br>100                                | 10,2<br>2,6<br>50,50                        |
|   | 1,1<br>1<br>100                                | 11,2<br>1,2<br>25,25                        |
|   | 1,1<br>1<br>100                                | 12,2<br>4<br>100                            |
|   | 1,1<br>1<br>100                                | 4,3<br>2,4<br>33,67                         |

TABLE 10 (cont.)

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## LAX TUNNEL CONSTRUCTION INPUT DISTRIBUTIONS (VFR)

| GATE/DEPARTURE RUNWAY DISTRIBUTIONS               |        | RUNWAY/DEPARTURE FIX DISTRIBUTIONS                                      |
|---|--------|---|
| } GATE/CLASS<br>} RUNWAY, RUNWAY,...<br>} Z,Z,... |        | ANY<br>FLAG, CLASS<br>_____,_____,X/X<br>Z,Z,...<br>(FLAG=0, SET FIX=9) |
| 2.1   | see    | 10.2  |
| 2   | Normal | 4   |
| 100   | above  | 100   |
| 3.1   |        | 11.2  |
| 2   |        | 1.2.4   |
| 100   |        | 30.25.45  |
| 4.1   |        | 12.2  |
| 2   |        | 4   |
| 100   |        | 100   |
| 5.1   |        | 13.2  |
| 2   |        | 4   |
| 100   |        | 100   |
| 6.1   |        | 4.3   |
| -1.2  |        | 2.4   |
| 12.90   |        | 33.67   |
| -7.1  |        | 3.4   |
| 2   |        | 1.4   |
| 100   |        | 33.67   |
| 8.1   |        | 9.3   |
| -1.2  |        | 1   |
| 4.96  |        | 100   |
| 10.1  |        | 2.2   |
| 2   |        | 4   |
| 100   |        | 100   |
| 11.1  |        | 6.3   |
| 2   |        | 4   |
| 100   |        | 100   |
| 12.1  |        | 9.3   |
| 2   |        | 4   |
| 100   |        | 100   |
| 1.2   |        | 10.3  |
| 3.2   |        | 1   |
| 23.75   |        | 100   |
| 2.2   |        | 11.2  |
| 1.2   |        | 1.2.4   |
| 23.75   |        | 33.50.25  |
| 3.2   |        | 12.3  |
| 1.2   |        | 4   |
| 9.95  |        | 100   |
| 1.2   |        | 9.4   |
| 1.2.4   |        | 1.2.4   |
| 10.25.45  |        | 2.2.84  |
| 3.2   |        | 10.6  |
| 1.2.4   |        | 1.2.4   |
| 10.25.45  |        | 33.33.34  |
| 4.2   |        | 31.44   |
| 6   |        | 1.2.4   |
| 100   |        | 33.62.20  |
| 7.2   |        | 12.4  |
| 4   |        | 4   |
| 100   |        | 100   |
| 8.2   |        | 1.1   |
| 4   |        | 2.3   |
| 100   |        | 98.2  |
| 9.2   |        |   |
| 4   |        |   |
| 100   |        |   |

TABLE 11

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## LAX TUNNEL CONSTRUCTION INPUT DISTRIBUTIONS (IPR)

| GATE/DEPARTURE RUNWAY<br>DISTRIBUTIONS         |       | RUNWAY/DEPARTURE FIX<br>DISTRIBUTIONS                            |
|--|-------|--|
| } GATE/CLASS<br>RUNWAY, RUNWAY,...<br>2,2..... |       | FLAG, FIX, CLASS<br>_____, FIX<br>2,2,...<br>(FLAG=0, SET FIX=9) |
| 2,1  | 10,2  |  |
| 2,3  | 2,3   |  |
| 53,67  | 33,67 |  |
| 3,2  | 11,2  |  |
| 2  | 2     |  |
| 100  | 100   |  |
| 6,1  | 12,2  |  |
| 3  | 3     |  |
| 100  | 100   |  |
| 5,1  | 13,2  |  |
| 2  | 3     |  |
| 100  | 100   |  |
| 6,1  | 6,3   |  |
| 3  | 2,3   |  |
| 100  | 33,67 |  |
| 2,1  | 3,3   |  |
| 2  | 2,3   |  |
| 100  | 25,75 |  |
| 8,1  | 6,3   |  |
| 2  | 3     |  |
| 100  | 100   |  |
| 10,1   | 4,3   |  |
| 2  | 3     |  |
| 100  | 100   |  |
| 11,1   | 8,3   |  |
| 2  | 3     |  |
| 100  | 100   |  |
| 13,1   | 5,3   |  |
| 3  | 3     |  |
| 100  | 100   |  |
| 1,2  | 10,3  |  |
| 2  | 2,3   |  |
| 100  | 25,75 |  |
| 2,2  | 11,3  |  |
| 2  | 2,3   |  |
| 100  | 50,50 |  |
| 3,2  | 12,3  |  |
| 2  | 3     |  |
| 100  | 100   |  |
| 4,2  | 9,4   |  |
| 2,3  | 2,3   |  |
| 50,50  | 36,84 |  |
| 5,2  | 10,4  |  |
| 3  | 2,3   |  |
| 100  | 66,34 |  |
| 4,2  | 11,4  |  |
| 3  | 2,3   |  |
| 100  | 48,32 |  |
| 7,2  | 12,4  |  |
| 2  | 3     |  |
| 100  | 100   |  |
| 8,2  | 1,1   |  |
| 3  | 2,3   |  |
| 100  | 25,75 |  |
| 9,2  | 13,1  |  |
| 2  | 3     |  |
| 100  | 100   |  |

TABLE 11 (cont.)

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## LAX TUNNEL CONSTRUCTION INPUT DISTRIBUTIONS (IFR)

| AIRLINE GROUP/GATE DISTRIBUTIONS                 | GATE/ARRIVAL RUNWAY DISTRIBUTIONS               | RUNWAY/ARRIVAL FIX DISTRIBUTIONS |
|--|---|----------------------------------|
| AIRLINE CATEGORY<br>GATE, GATE, ...<br>Z, Z, ... | GATE, CLASS<br>RUNWAY, RUNWAY, ...<br>Z, Z, ... | RWY<br>CLASS<br>Z, Z, ...        |
|  | 1, 1<br>1<br>100                                | 5, 3<br>1, 3<br>25, 75           |
|  | 2, 1<br>1<br>100                                | 6, 3<br>3<br>100                 |
|  | 3, 1<br>1<br>100                                | 2, 3<br>3<br>100                 |
|  | 4, 1<br>1<br>100                                | 1<br>100                         |
|  | 5, 1<br>1<br>100                                | 9, 3<br>1<br>100                 |
|  | 6, 1<br>1<br>100                                | 10, 3<br>1<br>17, 83             |
|  | 7, 1<br>1<br>100                                | 11, 3<br>1<br>33, 67             |
|  | 8, 1<br>1<br>100                                | 12, 3<br>1<br>100                |
|  | 9, 1<br>1<br>100                                | 9, 4<br>1<br>100                 |
|  | 10, 2<br>1, 3<br>75, 25                         | 10, 4<br>1<br>100                |
|  | 11, 2<br>1, 3<br>75, 25                         | 11, 4<br>1<br>100                |
|  | 12, 2<br>1, 3<br>75, 25                         | 12, 4<br>1<br>100                |
|  | 13, 2<br>1, 3<br>75, 25                         | 13, 1<br>1<br>100                |
|  | 14, 2<br>1, 3<br>25, 75                         | 14, 2<br>1<br>100                |
|  | 15, 2<br>1, 3<br>25, 75                         | 15, 4<br>1<br>100                |
|  | 16, 2<br>1, 3<br>20, 80                         | 16, 2<br>1<br>100                |
|  | 17, 2<br>1, 3<br>10, 90                         | 17, 2<br>1<br>100                |
|  | 18, 2<br>1, 3<br>25, 75                         | 18, 2<br>1<br>100                |
|  | 19, 2<br>1, 3<br>50, 50                         | 19, 2<br>1<br>100                |
|  | 20, 2<br>1<br>100                               | 20, 2<br>1<br>100                |
|  | 21, 2<br>1, 3<br>33, 67                         | 21, 2<br>1<br>100                |

TABLE 12

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## LAX 1987 INPUT DISTRIBUTIONS

| AIRLINE<br>GROUP/GATE<br>DISTRIBUTIONS       | GATE/ARRIVAL RUNWAY<br>DISTRIBUTIONS       |                         |                                |                                |                                |
|--|--|-------------------------|--------------------------------|--------------------------------|--------------------------------|
| AIRLINE CATEGORY<br>GATE,GATE,...<br>Z,Z,... | GATE,CLASS<br>RUNWAY,RUNWAY,...<br>Z,Z,... |                         |                                |                                |                                |
| TR<br>20,21,22,9,13<br>61,13,61,2,3          | TOT<br>1,2<br>60,60                        | sec.<br>format<br>above | 6,2<br>1,2,3,4<br>15,15,35,35  | 7,3<br>3,4<br>50,50            | 9,4<br>6<br>100                |
| EA<br>see<br>3<br>format<br>100              | 2,1<br>1,2<br>60,60                        |                         | 5,2<br>1,2,3,4<br>15,15,35,35  | 8,5<br>3,4<br>50,50            | 10,6<br>4<br>100               |
| NA<br>2<br>TOD<br>PA<br>3<br>100             | 3,1<br>1,2<br>60,60                        |                         | 8,2<br>3,4<br>15,15,35,35      | 9,3<br>6<br>100                | 11,4<br>1,2,3,4<br>15,15,35,35 |
| AA<br>4,5,21,12<br>4,8,49,3,1                | 5,1<br>1,2,3,4<br>15,15,35,35              |                         | 5,4<br>3,4<br>50,50            | 11,3<br>1,2,3,4<br>15,15,35,35 |                                |
| CO<br>6,7<br>50,50                           | 6,1<br>3,4<br>50,50                        |                         | 9,2<br>4<br>100                | 12,2<br>3<br>100               | 13,4<br>3<br>100               |
| DL<br>6<br>100                               | 8,1<br>3,4<br>50,50                        |                         | 11,2<br>1,2,3,4<br>15,15,35,35 | 13,3<br>1,2<br>40,40           | 20,4<br>1,2<br>40,40           |
| NW<br>6,21<br>97,3                           | 9,1<br>6<br>100                            |                         | 12,2<br>3<br>100               | 14,3<br>1,2<br>40,40           | 21,4<br>1,2<br>60,60           |
| PS<br>19,21,12<br>98,1,1                     | 10,1<br>4<br>100                           |                         | 13,2<br>3<br>100               | 15,2<br>1,2<br>40,40           | 22,4<br>1,2<br>50,50           |
| TI<br>6<br>100                               | 11,1<br>1,2,3,4<br>15,15,35,35             |                         | 12,2<br>3,4<br>60,60           | 16,3<br>1,2<br>50,50           | 22,3<br>3,4<br>50,50           |
| UA<br>7,8<br>35,45                           | 12,1<br>3<br>100                           |                         | 20,2<br>1,2<br>60,60           | 17,7<br>1,2<br>40,40           |                                |
| WA<br>9,6<br>50,50                           | 13,1<br>3<br>100                           |                         | 14,2<br>1,2<br>40,40           | 18,4<br>1,2<br>40,40           |                                |
| HI<br>9,10<br>50,50                          | 19,1<br>1,2<br>50,50                       |                         | 22,2<br>3,4<br>50,50           | 19,4<br>1,2<br>40,40           |                                |
| C1<br>20,22,19<br>11,11,11                   | 20,1<br>1,2<br>40,40                       |                         | 12,2<br>1,2,3,4<br>40,40       | 21,4<br>1,2,3,4<br>15,15,35,35 |                                |
| C2<br>9,10,21,12<br>9,9,8,9,1                | 21,1<br>1,2<br>60,60                       |                         | 12,2<br>1,2<br>40,40           | 22,4<br>1,2,3,4<br>15,15,35,35 |                                |
| F1<br>10,12<br>13,37                         | 22,1<br>3,4<br>50,50                       |                         | 12,2<br>1,2<br>40,40           | 13,4<br>3,4<br>50,50           |                                |
| GA<br>9,10,21,12<br>9,9,8,3,9,1              | 1,2<br>1,2<br>40,40                        |                         | 12,2<br>1,2,3,4<br>15,15,35,35 | 14,4<br>3,4<br>50,50           |                                |
|  |  |                         | 2,2<br>1,2<br>40,40            | 15,2<br>1,2,3,4<br>15,15,35,35 |                                |
|  |  |                         | 3,2<br>1,2<br>60,60            | 16,3<br>3,4<br>50,50           |                                |

TABLE 12 (cont.)

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## LAX 1987 INPUT DISTRIBUTIONS

| GATE/DEPARTURE RUNWAY<br>DISTRIBUTIONS        |                   |             |          |
|---|-------------------|-------------|----------|
| GATE/CLASS<br>RUNWAY, RUNWAY, ...<br>Z,Z..... |                   |             |          |
| T,T   | see<br>format 4x2 | 7.3         | 19.6     |
| 2   | above 1<br>2x3x4  | 3.6         | 3.6      |
| 100   | 25.50.25          | 50.50       | 10.30    |
| 2.1   | 1.5.2             | 8.3         | 10.6     |
| 2   | 3.6               | 3.6         | 3.6      |
| 100   | 70.30             | 50.50       | 10.30    |
| 3.1   | 6.6               | 9.3         | 11.6     |
| 2   | 3.6               | 3.6         | 3.6      |
| 100   | 70.30             | 20.20       | 50.50    |
| 4.1   | 1.2               | 10.3        | 12.6     |
| 2.3.6   | 3.6               | 1.3.6       | 3.6      |
| 25.50.25                                      | 70.30             | 10.10.20    | 50.50    |
| 5.1   | 4.2               | 11.3        | 13.6     |
| 3.6   | 3.6               | 1.3.6       | 3.6      |
| 20.20   | 70.30             | 25.50.25    | 50.50    |
| 6.1   | 1.9.2             | 12.3        | 19.6     |
| 3.6   | 3.6               | 3.6         | 1.2      |
| 20.20   | 20.80             | 50.50       | 95.5     |
| 7.1   | 1.10.6            | 15.3        | 20.6     |
| 3.6   | 2.3.6             | 3.6         | 1.2      |
| 20.20   | 10.10.30          | 50.50       | 95.5     |
| 8.1   | 11.2              | 19.3        | 21.6     |
| 3.6   | 2.3.6             | 1.2         | 1        |
| 20.20   | 25.50.25          | 5.95        | 100      |
| 9.1   | 1.6.6             | 20.3        | 22.6     |
| 3.6   | 3.6               | 1.2         | 1.3.6    |
| 20.20   | 70.30             | 20.20       | 25.25.50 |
| 10.1  | 1.5.2             | 21.3        |          |
| 1.3.6   | 3.6               | 1           |          |
| 10.10.20                                      | 70.30             | 100         |          |
| 11.1  | 1.9.2             | 22.3        |          |
| 2.3.6   | 1.2               | 1.3.6       |          |
| 25.50.25                                      | 5.95              | 25.25.50    |          |
| 12.1  | 20.2              | 1.4         |          |
| 3.6   | 1.2               | 1.2         |          |
| 20.20   | 5.95              | 95.5        |          |
| 13.1  | 21.6              | 2.6         |          |
| 3.6   | 2.3.6             | 1.2         |          |
| 20.20   | 25.50.25          | 95.5        |          |
| 14.1  | 22.6              | 3.6         |          |
| 2   | 2                 | 1.2         |          |
| 100   | 100               | 95.5        |          |
| 20.1  | 1.5               | 4.6         |          |
| 2   | 1.2               | 1.2.3.6     |          |
| 100   | 50.50             | 15.15.35.35 |          |
| 21.1  | 2.3               | 5.6         |          |
| 2   | 1.2               | 3.6         |          |
| 100   | 50.50             | 50.50       |          |
| 22.1  | 1.5.2             | 6.6         |          |
| 2.3.6   | 1.2               | 3.6         |          |
| 25.50.25                                      | 50.50             | 50.50       |          |
| 1.2   | 6.3               | 7.6         |          |
| 1.2   | 1.2.3.6           | 3.6         |          |
| 5.95  | 15.15.35.35       | 50.50       |          |
| 2.2   | 1.5.2             | 8.6         |          |
| 1.2   | 3.6               | 3.6         |          |
| 5.95  | 50.50             | 50.50       |          |
| -3.2  | 6.3               |             |          |
| 1.2   | 3.6               |             |          |
| 60.40   | 50.50             |             |          |

TABLE 12 (cont.)

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## LAX 1987 INPUT DISTRIBUTIONS

| RUNWAY/ARRIVAL FIX<br>DISTRIBUTIONS                               | RUNWAY/DEPARTURE FIX<br>DISTRIBUTIONS                |
|---|--|
| }<br>FIX, CLASS<br>RUNWAY, RUNWAY,...<br>Z,Z,...<br>              | RWY<br>FLAG, CLASS<br>Z,Z,...<br>(FLAG=0, SET FIX=9) |
| T,1<br>1,2,3,4<br><u>37,5,5,5,5,5</u><br>} see<br>format<br>above | T,1,1<br>1,2<br><u>T,3,3</u><br>1,1,2                |
| 2,1<br><u>1,2,4</u><br><u>56,8,38</u>                             | <u>1,2</u><br><u>5,95</u>                            |
| 3,1<br>1,6<br><u>90,10</u>  | <u>1,1,3</u><br>2<br><u>100</u>                      |
| 4,1<br><u>1,2,4</u><br><u>89,4,7</u>                              | <u>1,1,4</u><br>2<br>100                             |
| 1,2<br><u>1,2,3,4,5</u><br><u>25,3,17,56,1</u>                    | <u>1,2,1</u><br><u>1,2</u><br><u>5,95</u>            |
| 2,2<br><u>1,2,3,4,5</u><br><u>46,3,11,39,1</u>                    | <u>1,2,2</u><br><u>1,2</u><br><u>5,95</u>            |
| 3,2<br><u>1,2,3,4,5</u><br><u>28,6,3,62,1</u>                     | <u>1,2,3</u><br><u>2</u><br><u>100</u>               |
| 4,2<br><u>1,2,3,4,5</u><br><u>74,13,1,10,2</u>                    | <u>1,2,4</u><br><u>2</u><br><u>100</u>               |
| 1,3<br><u>1,2,3,4,5,6</u><br><u>28,22,33,12,3,2</u>               | <u>1,3,1</u><br><u>1</u><br><u>100</u>               |
| 2,3<br><u>1,2,3,4,5,6</u><br><u>32,45,14,3,5,1</u>                | <u>1,3,2</u><br><u>1</u><br><u>100</u>               |
| 3,3<br><u>1,2,3,4,5</u><br><u>13,33,34,13,7</u>                   | <u>1,3,3</u><br><u>1</u><br><u>100</u>               |
| 4,3<br><u>1,2,3,4,6</u><br><u>55,22,12,4,7</u>                    | <u>1,3,4</u><br><u>1</u><br><u>100</u>               |
| 1,4<br><u>1,2,3,5</u><br><u>33,34,25,8</u>                        | <u>1,4,1</u><br><u>1</u><br><u>100</u>               |
| 2,4<br><u>1,2,3,5</u><br><u>50,20,20,10</u>                       | <u>1,4,2</u><br><u>1</u><br><u>100</u>               |
| 3,4<br><u>1,2,3,5</u><br><u>25,25,25,25</u>                       | <u>1,4,3</u><br><u>1</u><br><u>100</u>               |
| 4,4<br><u>1,2,3,5</u><br><u>33,45,11,11</u>                       | <u>1,4,4</u><br><u>1</u><br><u>100</u>               |

TABLE 13

34

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

## FIELD DATA

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     | 28  | 16  | 2   | 94  | 140   |
| CLASS 2     | 26  | 15  | 274 | 216 | 531   |
| CLASS 3     | 115 | 32  | 26  | 64  | 237   |
| CLASS 4     | 24  | 4   | 4   | 17  | 49    |
| TOTAL       | 193 | 67  | 306 | 391 | 957   |

|         | DEPARTURES |     |     |     |      |
|---------|------------|-----|-----|-----|------|
| CLASS 1 | 6          | 244 | 2   | 4   | 256  |
| CLASS 2 | 19         | 174 | 331 | 120 | 644  |
| CLASS 3 | 41         | 33  | 71  | 79  | 224  |
| CLASS 4 | 9          | 8   | 2   | 17  | 36   |
| TOTAL   | 75         | 459 | 406 | 220 | 1160 |

|                                       |     |     |     |     |      |
|---------------------------------------|-----|-----|-----|-----|------|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 268 | 526 | 712 | 611 | 2117 |
|---------------------------------------|-----|-----|-----|-----|------|

**ATTACHMENT E**

**CLASS and RUNWAY DEMAND DISTRIBUTION for ARRIVALS and DEPARTURES**

**LOS ANGELES INTERNATIONAL AIRPORT**

**LOS ANGELES**

**AIRPORT IMPROVEMENT TASK FORCE DELAY STUDIES  
AUGUST 1979**

INDEX of CLASS and RUNWAY DEMAND DISTRIBUTIONS for ARRIVAL and DEPARTURES

| <u>ITEM NO.</u> | <u>EXPERIMENT NO.<br/>(TRAFFIC FLOW)</u> | <u>WEATHER</u> | <u>DEMAND</u> | <u>ATC SYSTEM</u> | <u>IMPROVEMENT</u>      | <u>PAGE</u> |
|-----------------|--|----------------|---------------|-------------------|-------------------------|-------------|
| 1               | 1 (Westerly)                             | VFR - 1        | 1978          | 1978              | none                    | 37          |
| 2               | 7 "                                      | "              | 1982          | "                 | "                       | 38          |
| 3               | 11 "                                     | "              | "             | 1982              | 1982                    | 39          |
| 4               | 13 "                                     | "              | "             | "                 | 1982 less #2 and #3     | 40          |
| 5               | 18 "                                     | "              | "             | "                 | Dual Taxiway            | 41          |
| 6               | 2 "                                      | IFR - 1        | 1978          | 1978              | none                    | 42          |
| 7               | 3 "                                      | IFR - 2        | "             | "                 | "                       | 43          |
| 8               | 8 "                                      | IFR - 1        | 1982          | "                 | "                       | 44          |
| 9               | 12 "                                     | "              | "             | 1982              | 1982                    | 45          |
| 10              | 19A "                                    | VFR - 1        | 1982          | 1978              | Terminal Expansion      | 46          |
| 11              | 20 "                                     | "              | "             | 1982              | "                       | 47          |
| 12              | 21 "                                     | "              | "             | "                 | Remote Terminal         | 48          |
| 13              | 22 "                                     | "              | "             | 1978              | Tunnel Construction     | 49          |
| 14              | 22A "                                    | "              | "             | "                 | Dual Taxiway            | 50          |
| 15              | 23 "                                     | IFR - 1        | 1982          | 1978              | Tunnel Construction-25R | 51          |
| 16              | 24 "                                     | "              | "             | "                 | -25L                    | 52          |
| 17              | 6 (Easterly)                             | VFR - 1        | 1978          | 1978              | none                    | 53          |
| 18              | 9 "                                      | "              | 1982          | "                 | "                       | 54          |
| 19              | 16 "                                     | "              | "             | 1982              | 5, 7 and 8              | 55          |
| 20              | 4 (Night)                                | VFR - 1        | 1978          | 1978              | none                    | 56          |
| 21              | 10 "                                     | "              | 1982          | "                 | "                       | 57          |
| 22              | 15 "                                     | "              | "             | 1982              | 5 and 7                 | 58          |
| 23              | 5 "                                      | IFR - 1        | 1978          | 1978              | none                    | 59          |
| 24              | 10A "                                    | "              | 1982          | "                 | "                       | 60          |
| 25              | 25 (Westerly)                            | VFR - 1        | 1987          | 1987              | 1987                    | 61          |
| 26              | 25A "                                    | "              | 1987A         | "                 | "                       | 62          |
| 27              | 26 "                                     | IPR - 1        | 1987          | "                 | "                       | 63          |

TABLE 14

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

37

EXPERIMENT NO. 1

| RUNWAY<br>NAME | 24R | 24L | 25R | 25L | TOTAL |
|----------------|-----|-----|-----|-----|-------|
| ARRIVALS       |     |     |     |     |       |
| CLASS 1        | 15  | 4   | 0   | 33  | 52    |
| CLASS 2        | 16  | 1   | 81  | 75  | 173   |
| CLASS 3        | 30  | 8   | 2   | 20  | 60    |
| CLASS 4        | 6   | 1   | 6   | 5   | 18    |
| TOTAL          | 67  | 14  | 89  | 133 | 303   |

|         | DEPARTURES |     |     |    |     |
|---------|------------|-----|-----|----|-----|
| CLASS 1 | 2          | 89  | 3   | 1  | 95  |
| CLASS 2 | 20         | 66  | 115 | 39 | 240 |
| CLASS 3 | 11         | 9   | 23  | 25 | 68  |
| CLASS 4 | 5          | 3   | 2   | 9  | 19  |
| TOTAL   | 38         | 167 | 143 | 74 | 422 |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 105 | 181 | 232 | 207 | 725 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 15  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

38

EXPERIMENT NO. 7

| RUNWAY NAME     | 24R       | 24L       | 25R       | 25L        | TOTAL      |
|-----------------|-----------|-----------|-----------|------------|------------|
| <b>ARRIVALS</b> |           |           |           |            |            |
| CLASS 1         | 14        | 4         | 0         | 41         | 59         |
| CLASS 2         | 24        | 2         | 83        | 78         | 187        |
| CLASS 3         | 16        | 4         | 2         | 25         | 47         |
| CLASS 4         | 9         | 1         | 4         | 4          | 18         |
| <b>TOTAL</b>    | <b>63</b> | <b>11</b> | <b>89</b> | <b>148</b> | <b>311</b> |

|              | <b>DEPARTURES</b> |            |            |           |            |
|--------------|-------------------|------------|------------|-----------|------------|
| CLASS 1      | 3                 | 98         | 1          | 2         | 104        |
| CLASS 2      | 30                | 69         | 116        | 39        | 254        |
| CLASS 3      | 10                | 7          | 20         | 21        | 58         |
| CLASS 4      | 5                 | 3          | 2          | 9         | 19         |
| <b>TOTAL</b> | <b>48</b>         | <b>177</b> | <b>139</b> | <b>71</b> | <b>435</b> |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 111 | 188 | 228 | 219 | 746 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 16  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

39

EXPERIMENT NO. 11

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     | 13  | 4   | 0   | 42  | 59    |
| CLASS 2     | 23  | 2   | 82  | 80  | 187   |
| CLASS 3     | 17  | 5   | 2   | 23  | 47    |
| CLASS 4     | 7   | 2   | 4   | 5   | 18    |
| TOTAL       | 60  | 13  | 88  | 150 | 311   |

|         | DEPARTURES |     |     |    |     |
|---------|------------|-----|-----|----|-----|
| CLASS 1 | 0          | 54  | 40  | 10 | 104 |
| CLASS 2 | 10         | 61  | 138 | 45 | 254 |
| CLASS 3 | 10         | 7   | 19  | 22 | 58  |
| CLASS 4 | 4          | 3   | 1   | 11 | 19  |
| TOTAL   | 24         | 125 | 198 | 88 | 435 |

|                                       |    |     |     |     |     |
|---------------------------------------|----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 84 | 138 | 286 | 238 | 746 |
|---------------------------------------|----|-----|-----|-----|-----|

TABLE 17  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

.40

EXPERIMENT NO. 13

| RUNWAY NAME     | 24R       | 24L       | 25R       | 25L        | TOTAL      |
|-----------------|-----------|-----------|-----------|------------|------------|
| <b>ARRIVALS</b> |           |           |           |            |            |
| CLASS 1         | 13        | 4         | 0         | 42         | 59         |
| CLASS 2         | 23        | 2         | 82        | 80         | 187        |
| CLASS 3         | 17        | 5         | 2         | 23         | 47         |
| CLASS 4         | 7         | 2         | 4         | 5          | 18         |
| <b>TOTAL</b>    | <b>60</b> | <b>13</b> | <b>88</b> | <b>150</b> | <b>311</b> |

|              | <b>DEPARTURES</b> |            |            |           |            |
|--------------|-------------------|------------|------------|-----------|------------|
| CLASS 1      | 0                 | 54         | 40         | 10        | 104        |
| CLASS 2      | 10                | 61         | 138        | 45        | 254        |
| CLASS 3      | 10                | 7          | 19         | 22        | 58         |
| CLASS 4      | 4                 | 3          | 1          | 11        | 19         |
| <b>TOTAL</b> | <b>24</b>         | <b>125</b> | <b>198</b> | <b>88</b> | <b>435</b> |

|                                       |    |     |     |     |     |
|---------------------------------------|----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 84 | 138 | 286 | 238 | 746 |
|---------------------------------------|----|-----|-----|-----|-----|

TABLE 18

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

41

EXPERIMENT NO. 18

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     | 14  | 4   | 0   | 41  | 59    |
| CLASS 2     | 24  | 2   | 83  | 78  | 187   |
| CLASS 3     | 16  | 4   | 2   | 25  | 47    |
| CLASS 4     | 9   | 1   | 4   | 4   | 18    |
| TOTAL       | 63  | 11  | 89  | 148 | 311   |

|         | DEPARTURES |     |     |    |     |
|---------|------------|-----|-----|----|-----|
| CLASS 1 | 3          | 98  | 1   | 2  | 104 |
| CLASS 2 | 30         | 69  | 116 | 39 | 254 |
| CLASS 3 | 10         | 7   | 20  | 21 | 58  |
| CLASS 4 | 5          | 3   | 2   | 9  | 19  |
| TOTAL   | 48         | 177 | 139 | 71 | 435 |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 111 | 188 | 228 | 219 | 746 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 19

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

42

EXPERIMENT NO. 2

| RUNWAY<br>NAME | 24R             | 24L | 25R | 25L | TOTAL |
|----------------|-----------------|-----|-----|-----|-------|
|                | <b>ARRIVALS</b> |     |     |     |       |
| CLASS 1        | 15              | 4   | 0   | 33  | 52    |
| CLASS 2        | 77              | 1   | 20  | 75  | 173   |
| CLASS 3        | 32              | 8   | 0   | 20  | 60    |
| CLASS 4        | 8               | 1   | 4   | 5   | 18    |
| TOTAL          | 132             | 14  | 24  | 133 | 303   |

|         | DEPARTURES |     |     |   |     |
|---------|------------|-----|-----|---|-----|
| CLASS 1 | 0          | 91  | 4   | 0 | 95  |
| CLASS 2 | 0          | 86  | 154 | 0 | 240 |
| CLASS 3 | 0          | 20  | 48  | 0 | 68  |
| CLASS 4 | 0          | 8   | 11  | 0 | 19  |
| TOTAL   | 0          | 205 | 217 | 0 | 422 |

|                                       |    |     |     |     |     |
|---------------------------------------|----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 67 | 219 | 306 | 133 | 725 |
|---------------------------------------|----|-----|-----|-----|-----|

TABLE 20  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

4.3

EXPERIMENT NO. 3

| RUNWAY NAME     | 24R        | 24L      | 25R      | 25L        | TOTAL      |
|-----------------|------------|----------|----------|------------|------------|
| <b>ARRIVALS</b> |            |          |          |            |            |
| CLASS 1         | 19         | 0        | 0        | 33         | 52         |
| CLASS 2         | 78         | 0        | 0        | 95         | 173        |
| CLASS 3         | 40         | 0        | 0        | 20         | 60         |
| CLASS 4         | 7          | 0        | 0        | 9          | 18         |
| <b>TOTAL</b>    | <b>146</b> | <b>0</b> | <b>0</b> | <b>157</b> | <b>303</b> |

|              | <b>DEPARTURES</b> |            |            |          |            |
|--------------|-------------------|------------|------------|----------|------------|
| CLASS 1      | 0                 | 91         | 4          | 0        | 95         |
| CLASS 2      | 0                 | 86         | 154        | 0        | 240        |
| CLASS 3      | 0                 | 20         | 48         | 0        | 68         |
| CLASS 4      | 0                 | 8          | 11         | 0        | 19         |
| <b>TOTAL</b> | <b>0</b>          | <b>205</b> | <b>217</b> | <b>0</b> | <b>422</b> |

|                                       |    |     |     |     |     |
|---------------------------------------|----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 81 | 205 | 217 | 222 | 725 |
|---------------------------------------|----|-----|-----|-----|-----|

TABLE 21

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

44

EXPERIMENT NO. 8

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     | 14  | 4   | 0   | 41  | 59    |
| CLASS 2     | 107 | 2   | 0   | 78  | 187   |
| CLASS 3     | 16  | 4   | 2   | 25  | 47    |
| CLASS 4     | 9   | 1   | 4   | 4   | 18    |
| TOTAL       | 146 | 11  | 6   | 148 | 311   |

|         | DEPARTURES |     |     |   |     |
|---------|------------|-----|-----|---|-----|
| CLASS 1 | 0          | 101 | 3   | 0 | 104 |
| CLASS 2 | 0          | 99  | 155 | 0 | 154 |
| CLASS 3 | 0          | 17  | 41  | 0 | 58  |
| CLASS 4 | 0          | 8   | 11  | 0 | 19  |
| TOTAL   | 0          | 225 | 210 | 0 | 435 |

|                                       |    |     |     |     |     |
|---------------------------------------|----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 63 | 236 | 299 | 148 | 746 |
|---------------------------------------|----|-----|-----|-----|-----|

TABLE 22  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

45

EXPERIMENT NO. 12

| RUNWAY NAME     | 24R        | 24L       | 25R      | 25L        | TOTAL      |
|-----------------|------------|-----------|----------|------------|------------|
| <b>ARRIVALS</b> |            |           |          |            |            |
| CLASS 1         | 14         | 4         | 0        | 41         | 59         |
| CLASS 2         | 107        | 2         | 0        | 78         | 187        |
| CLASS 3         | 16         | 4         | 2        | 25         | 47         |
| CLASS 4         | 9          | 1         | 4        | 4          | 18         |
| <b>TOTAL</b>    | <b>146</b> | <b>11</b> | <b>6</b> | <b>148</b> | <b>311</b> |

|              | DEPARTURES |            |            |          |            |
|--------------|------------|------------|------------|----------|------------|
| CLASS 1      | 0          | 101        | 3          | 0        | 104        |
| CLASS 2      | 0          | 99         | 155        | 0        | 154        |
| CLASS 3      | 0          | 17         | 41         | 0        | 58         |
| CLASS 4      | 0          | 8          | 11         | 0        | 19         |
| <b>TOTAL</b> | <b>0</b>   | <b>225</b> | <b>210</b> | <b>0</b> | <b>435</b> |

|                                       |    |     |     |     |     |
|---------------------------------------|----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 63 | 236 | 299 | 148 | 746 |
|---------------------------------------|----|-----|-----|-----|-----|

TABLE 23  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

46

EXPERIMENT NO. 19A

| RUNWAY NAME     | 24R       | 24L       | 25R       | 25L        | TOTAL      |
|-----------------|-----------|-----------|-----------|------------|------------|
| <b>ARRIVALS</b> |           |           |           |            |            |
| CLASS 1         | 11        | 6         | 0         | 42         | 59         |
| CLASS 2         | 31        | 2         | 68        | 86         | 187        |
| CLASS 3         | 13        | 2         | 4         | 28         | 47         |
| CLASS 4         | 6         | 1         | 5         | 6          | 18         |
| <b>TOTAL</b>    | <b>61</b> | <b>11</b> | <b>77</b> | <b>162</b> | <b>311</b> |

|              | DEPARTURES |            |            |           |            |
|--------------|------------|------------|------------|-----------|------------|
| CLASS 1      | 3          | 97         | 2          | 2         | 104        |
| CLASS 2      | 37         | 69         | 112        | 36        | 254        |
| CLASS 3      | 10         | 6          | 20         | 22        | 58         |
| CLASS 4      | 5          | 3          | 2          | 9         | 19         |
| <b>TOTAL</b> | <b>55</b>  | <b>175</b> | <b>136</b> | <b>69</b> | <b>435</b> |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 116 | 186 | 213 | 231 | 746 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 24  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

47

EXPERIMENT NO. 20

| RUNWAY NAME     | 24R       | 24L       | 25R       | 25L        | TOTAL      |
|-----------------|-----------|-----------|-----------|------------|------------|
| <b>ARRIVALS</b> |           |           |           |            |            |
| CLASS 1         | 11        | 6         | 0         | 42         | 59         |
| CLASS 2         | 31        | 2         | 68        | 86         | 187        |
| CLASS 3         | 13        | 2         | 4         | 28         | 47         |
| CLASS 4         | 6         | 1         | 5         | 6          | 18         |
| <b>TOTAL</b>    | <b>61</b> | <b>11</b> | <b>77</b> | <b>162</b> | <b>311</b> |

|              | DEPARTURES |            |            |           |            |
|--------------|------------|------------|------------|-----------|------------|
| CLASS 1      | 3          | 97         | 2          | 2         | 104        |
| CLASS 2      | 37         | 69         | 112        | 36        | 254        |
| CLASS 3      | 10         | 6          | 20         | 22        | 58         |
| CLASS 4      | 5          | 3          | 2          | 9         | 19         |
| <b>TOTAL</b> | <b>55</b>  | <b>175</b> | <b>136</b> | <b>69</b> | <b>435</b> |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 116 | 186 | 213 | 231 | 746 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 25

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

48

EXPERIMENT NO. 21

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     | 14  | 5   | 0   | 40  | 59    |
| CLASS 2     | 24  | 2   | 83  | 78  | 187   |
| CLASS 3     | 17  | 4   | 2   | 24  | 47    |
| CLASS 4     | 6   | 1   | 6   | 5   | 18    |
| TOTAL       | 61  | 12  | 91  | 147 | 311   |

|         | DEPARTURES |     |     |    |     |
|---------|------------|-----|-----|----|-----|
| CLASS 1 | 3          | 98  | 2   | 1  | 104 |
| CLASS 2 | 30         | 69  | 115 | 40 | 254 |
| CLASS 3 | 10         | 7   | 20  | 21 | 58  |
| CLASS 4 | 4          | 4   | 2   | 9  | 19  |
| TOTAL   | 47         | 178 | 139 | 71 | 435 |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 108 | 190 | 230 | 218 | 746 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 26

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

49

EXPERIMENT NO. 22

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     | 14  | 5   | 0   | 40  | 59    |
| CLASS 2     | 64  | 48  | 0   | 75  | 187   |
| CLASS 3     | 7   | 6   | 0   | 34  | 47    |
| CLASS 4     | 6   | 2   | 0   | 10  | 18    |
| TOTAL       | 91  | 61  | 0   | 159 | 311   |

|         | DEPARTURES |     |   |     |     |
|---------|------------|-----|---|-----|-----|
| CLASS 1 | 2          | 102 | 0 | 0   | 104 |
| CLASS 2 | 14         | 42  | 0 | 198 | 254 |
| CLASS 3 | 8          | 15  | 0 | 35  | 58  |
| CLASS 4 | 5          | 4   | 0 | 10  | 19  |
| TOTAL   | 29         | 163 | 0 | 243 | 435 |

|                                       |     |     |   |     |     |
|---------------------------------------|-----|-----|---|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 120 | 224 | 0 | 402 | 746 |
|---------------------------------------|-----|-----|---|-----|-----|

TABLE 27  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

5.0

EXPERIMENT NO. 22A

| RUNWAY NAME     | 24R       | 24L       | 25R      | 25L        | TOTAL      |
|-----------------|-----------|-----------|----------|------------|------------|
| <b>ARRIVALS</b> |           |           |          |            |            |
| CLASS 1         | 14        | 5         | 0        | 40         | 59         |
| CLASS 2         | 64        | 48        | 0        | 75         | 187        |
| CLASS 3         | 7         | 6         | 0        | 34         | 47         |
| CLASS 4         | 6         | 2         | 0        | 10         | 18         |
| <b>TOTAL</b>    | <b>91</b> | <b>61</b> | <b>0</b> | <b>159</b> | <b>311</b> |

|              | <b>DEPARTURES</b> |            |          |            |            |
|--------------|-------------------|------------|----------|------------|------------|
| CLASS 1      | 2                 | 102        | 0        | 0          | 104        |
| CLASS 2      | 14                | 42         | 0        | 198        | 254        |
| CLASS 3      | 8                 | 15         | 0        | 35         | 58         |
| CLASS 4      | 5                 | 4          | 0        | 10         | 19         |
| <b>TOTAL</b> | <b>29</b>         | <b>163</b> | <b>0</b> | <b>243</b> | <b>435</b> |

|                                       |     |     |   |     |     |
|---------------------------------------|-----|-----|---|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 120 | 224 | 0 | 402 | 746 |
|---------------------------------------|-----|-----|---|-----|-----|

TABLE 28

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

51

EXPERIMENT NO. 23

| RUNWAY<br>NAME | 24R | 24L | 25R | 25L | TOTAL |
|----------------|-----|-----|-----|-----|-------|
| ARRIVALS       |     |     |     |     |       |
| CLASS 1        | 19  | 0   | 0   | 40  | 59    |
| CLASS 2        | 112 | 0   | 0   | 75  | 187   |
| CLASS 3        | 13  | 0   | 0   | 34  | 47    |
| CLASS 4        | 8   | 0   | 0   | 10  | 18    |
| TOTAL          | 152 | 0   | 0   | 159 | 311   |

|         | DEPARTURES |     |   |     |     |
|---------|------------|-----|---|-----|-----|
| CLASS 1 | 0          | 104 | 0 | 0   | 104 |
| CLASS 2 | 0          | 56  | 0 | 198 | 254 |
| CLASS 3 | 0          | 23  | 0 | 35  | 58  |
| CLASS 4 | 0          | 9   | 0 | 10  | 19  |
| TOTAL   | 0          | 192 | 0 | 243 | 435 |

|                                       |     |     |   |     |     |
|---------------------------------------|-----|-----|---|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 152 | 192 | 0 | 402 | 746 |
|---------------------------------------|-----|-----|---|-----|-----|

TABLE 29

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

52

EXPERIMENT NO. 24

| RUNWAY<br>NAME | 24R | 24L | 25R | 25L | TOTAL |
|----------------|-----|-----|-----|-----|-------|
| ARRIVALS       |     |     |     |     |       |
| CLASS 1        | 59  | 0   | 0   | 0   | 59    |
| CLASS 2        | 82  | 0   | 105 | 0   | 187   |
| CLASS 3        | 8   | 0   | 39  | 0   | 47    |
| CLASS 4        | 5   | 0   | 13  | 0   | 18    |
| TOTAL          | 154 | 0   | 157 | 0   | 311   |

|         | DEPARTURES |     |     |   |     |
|---------|------------|-----|-----|---|-----|
| CLASS 1 | 0          | 102 | 2   | 0 | 104 |
| CLASS 2 | 0          | 69  | 185 | 0 | 254 |
| CLASS 3 | 0          | 18  | 40  | 0 | 58  |
| CLASS 4 | 0          | 8   | 11  | 0 | 19  |
| TOTAL   | 0          | 197 | 238 | 0 | 435 |

|                                       |     |     |     |   |     |
|---------------------------------------|-----|-----|-----|---|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 154 | 197 | 395 | 0 | 746 |
|---------------------------------------|-----|-----|-----|---|-----|

TABLE 30

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

5.3

EXPERIMENT NO. 6

| RUNWAY<br>NAME  | 6R        | 6L        | 7R         | 7L        | TOTAL      |
|-----------------|-----------|-----------|------------|-----------|------------|
| <b>ARRIVALS</b> |           |           |            |           |            |
| CLASS 1         | 4         | 15        | 33         | 0         | 52         |
| CLASS 2         | 1         | 16        | 75         | 81        | 173        |
| CLASS 3         | 8         | 30        | 20         | 2         | 60         |
| CLASS 4         | 1         | 6         | 5          | 6         | 18         |
| <b>TOTAL</b>    | <b>14</b> | <b>67</b> | <b>133</b> | <b>89</b> | <b>303</b> |

|              | DEPARTURES |           |           |            |            |
|--------------|------------|-----------|-----------|------------|------------|
| CLASS 1      | 89         | 2         | 1         | 3          | 95         |
| CLASS 2      | 66         | 20        | 39        | 115        | 240        |
| CLASS 3      | 9          | 11        | 25        | 23         | 68         |
| CLASS 4      | 3          | 5         | 9         | 2          | 19         |
| <b>TOTAL</b> | <b>167</b> | <b>38</b> | <b>74</b> | <b>143</b> | <b>422</b> |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 181 | 105 | 207 | 232 | 725 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 31  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

54

EXPERIMENT NO. 9

| RUNWAY NAME | 6R | 6L | 7R  | 7L | TOTAL |
|-------------|----|----|-----|----|-------|
| ARRIVALS    |    |    |     |    |       |
| CLASS 1     | 4  | 14 | 41  | 0  | 59    |
| CLASS 2     | 2  | 24 | 78  | 83 | 187   |
| CLASS 3     | 4  | 16 | 25  | 2  | 47    |
| CLASS 4     | 1  | 9  | 4   | 4  | 18    |
| TOTAL       | 11 | 63 | 148 | 89 | 311   |

|         | DEPARTURES |    |    |     |     |
|---------|------------|----|----|-----|-----|
| CLASS 1 | 98         | 3  | 2  | 1   | 104 |
| CLASS 2 | 69         | 30 | 39 | 116 | 254 |
| CLASS 3 | 7          | 10 | 21 | 20  | 58  |
| CLASS 4 | 3          | 5  | 9  | 2   | 19  |
| TOTAL   | 177        | 48 | 71 | 139 | 435 |

|                              |     |     |     |     |     |
|------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL AND DEPARTURE TOTALS | 188 | 111 | 219 | 228 | 746 |
|------------------------------|-----|-----|-----|-----|-----|

TABLE 32

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

55

EXPERIMENT NO. 16

| RUNWAY NAME | 6R | 6L | 7R  | 7L | TOTAL |
|-------------|----|----|-----|----|-------|
| ARRIVALS    |    |    |     |    |       |
| CLASS 1     | 4  | 14 | 41  | 0  | 59    |
| CLASS 2     | 2  | 24 | 78  | 83 | 187   |
| CLASS 3     | 4  | 16 | 25  | 2  | 47    |
| CLASS 4     | 1  | 9  | 4   | 4  | 18    |
| TOTAL       | 11 | 63 | 148 | 89 | 311   |

|         | DEPARTURES |    |    |     |     |
|---------|------------|----|----|-----|-----|
| CLASS 1 | 98         | 3  | 2  | 1   | 104 |
| CLASS 2 | 69         | 30 | 39 | 116 | 254 |
| CLASS 3 | 7          | 10 | 21 | 20  | 58  |
| CLASS 4 | 3          | 5  | 9  | 2   | 19  |
| TOTAL   | 177        | 48 | 71 | 139 | 435 |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 188 | 111 | 219 | 228 | 746 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 33  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

56

EXPERIMENT NO. 4

| RUNWAY NAME     | 6R | 7L | 24L | 25R | TOTAL |
|-----------------|----|----|-----|-----|-------|
| <b>ARRIVALS</b> |    |    |     |     |       |
| CLASS 1         | 10 | 23 | 0   | 0   | 33    |
| CLASS 2         | 8  | 33 | 0   | 0   | 41    |
| CLASS 3         | 7  | 4  | 0   | 0   | 11    |
| CLASS 4         | 1  | 1  | 0   | 0   | 2     |
| TOTAL           | 26 | 61 | 0   | 0   | 87    |

|         | DEPARTURES |   |    |    |    |
|---------|------------|---|----|----|----|
| CLASS 1 | 0          | 0 | 40 | 5  | 45 |
| CLASS 2 | 0          | 0 | 26 | 33 | 59 |
| CLASS 3 | 0          | 0 | 6  | 6  | 12 |
| CLASS 4 | 0          | 0 | 1  | 1  | 2  |
| TOTAL   | 0          | 0 | 73 | 45 | 18 |

|                                       |    |    |    |    |     |
|---------------------------------------|----|----|----|----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 26 | 61 | 73 | 45 | 205 |
|---------------------------------------|----|----|----|----|-----|

TABLE 34  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

57

EXPERIMENT NO. 10

| RUNWAY NAME | 6R | 7L | 24L | 25R | TOTAL |
|-------------|----|----|-----|-----|-------|
| ARRIVALS    |    |    |     |     |       |
| CLASS 1     | 9  | 27 | 0   | 0   | 36    |
| CLASS 2     | 8  | 33 | 0   | 0   | 41    |
| CLASS 3     | 3  | 5  | 0   | 0   | 8     |
| CLASS 4     | 0  | 2  | 0   | 0   | 2     |
| TOTAL       | 20 | 67 | 0   | 0   | 87    |

|         | DEPARTURES |   |    |    |     |
|---------|------------|---|----|----|-----|
| CLASS 1 | 0          | 0 | 47 | 4  | 51  |
| CLASS 2 | 0          | 0 | 27 | 39 | 66  |
| CLASS 3 | 0          | 0 | 5  | 4  | 9   |
| CLASS 4 | 0          | 0 | 1  | 1  | 2   |
| TOTAL   | 0          | 0 | 80 | 48 | 128 |

|                                       |    |    |    |    |     |
|---------------------------------------|----|----|----|----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 20 | 67 | 80 | 48 | 215 |
|---------------------------------------|----|----|----|----|-----|

TABLE 35  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

58

EXPERIMENT NO. 15

| RUNWAY NAME     | 6R        | 7L        | 24L      | 25R      | TOTAL     |
|-----------------|-----------|-----------|----------|----------|-----------|
| <b>ARRIVALS</b> |           |           |          |          |           |
| CLASS 1         | 9         | 27        | 0        | 0        | 36        |
| CLASS 2         | 8         | 33        | 0        | 0        | 41        |
| CLASS 3         | 3         | 5         | 0        | 0        | 8         |
| CLASS 4         | 0         | 2         | 0        | 0        | 2         |
| <b>TOTAL</b>    | <b>20</b> | <b>67</b> | <b>0</b> | <b>0</b> | <b>87</b> |

|              | <b>DEPARTURES</b> |          |           |           |            |
|--------------|-------------------|----------|-----------|-----------|------------|
| CLASS 1      | 0                 | 0        | 47        | 4         | 51         |
| CLASS 2      | 0                 | 0        | 27        | 39        | 66         |
| CLASS 3      | 0                 | 0        | 5         | 4         | 9          |
| CLASS 4      | 0                 | 0        | 1         | 1         | 2          |
| <b>TOTAL</b> | <b>0</b>          | <b>0</b> | <b>80</b> | <b>48</b> | <b>128</b> |

|                                       |    |    |    |    |     |
|---------------------------------------|----|----|----|----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 20 | 67 | 80 | 48 | 215 |
|---------------------------------------|----|----|----|----|-----|

TABLE 36  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

5.9

EXPERIMENT NO. 5

| RUNWAY NAME | 6R              | 7L | 24L | 25R | TOTAL |
|-------------|-----------------|----|-----|-----|-------|
|             | <b>ARRIVALS</b> |    |     |     |       |
| CLASS 1     | 10              | 23 | 0   | 0   | 33    |
| CLASS 2     | 8               | 33 | 0   | 0   | 41    |
| CLASS 3     | 7               | 4  | 0   | 0   | 11    |
| CLASS 4     | 1               | 1  | 0   | 0   | 2     |
| TOTAL       | 26              | 61 | 0   | 0   | 87    |

|         | <b>DEPARTURES</b> |   |    |    |    |
|---------|-------------------|---|----|----|----|
| CLASS 1 | 0                 | 0 | 40 | 5  | 45 |
| CLASS 2 | 0                 | 0 | 26 | 33 | 59 |
| CLASS 3 | 0                 | 0 | 6  | 6  | 12 |
| CLASS 4 | 0                 | 0 | 1  | 1  | 2  |
| TOTAL   | 0                 | 0 | 73 | 45 | 18 |

|                                       |    |    |    |    |     |
|---------------------------------------|----|----|----|----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 26 | 61 | 73 | 45 | 205 |
|---------------------------------------|----|----|----|----|-----|

TABLE 37

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

60.

EXPERIMENT NO. 10A

| RUNWAY NAME | 6R | 7L | 24L | 25R | TOTAL |
|-------------|----|----|-----|-----|-------|
| ARRIVALS    |    |    |     |     |       |
| CLASS 1     | 9  | 27 | 0   | 0   | 36    |
| CLASS 2     | 8  | 33 | 0   | 0   | 41    |
| CLASS 3     | 3  | 5  | 0   | 0   | 8     |
| CLASS 4     | 0  | 2  | 0   | 0   | 2     |
| TOTAL       | 20 | 67 | 0   | 0   | 87    |

|         | DEPARTURES |   |    |    |     |
|---------|------------|---|----|----|-----|
| CLASS 1 | 0          | 0 | 47 | 4  | 51  |
| CLASS 2 | 0          | 0 | 27 | 39 | 66  |
| CLASS 3 | 0          | 0 | 5  | 4  | 9   |
| CLASS 4 | 0          | 0 | 1  | 1  | 2   |
| TOTAL   | 0          | 0 | 80 | 48 | 128 |

|                                       |    |    |    |    |     |
|---------------------------------------|----|----|----|----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 20 | 67 | 80 | 48 | 215 |
|---------------------------------------|----|----|----|----|-----|

TABLE 38

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

61

EXPERIMENT NO. 25

| RUNWAY<br>NAME | 24R | 24L | 25R | 25L | TOTAL |
|----------------|-----|-----|-----|-----|-------|
| ARRIVALS       |     |     |     |     |       |
| CLASS 1        | 16  | 12  | 24  | 23  | 75    |
| CLASS 2        | 58  | 40  | 55  | 49  | 202   |
| CLASS 3        | 12  | 8   | 1   | 27  | 48    |
| CLASS 4        | 5   | 3   | 0   | 10  | 18    |
| TOTAL          | 91  | 63  | 80  | 109 | 343   |

|         | DEPARTURES |     |     |     |     |
|---------|------------|-----|-----|-----|-----|
| CLASS 1 | 0          | 49  | 63  | 20  | 132 |
| CLASS 2 | 4          | 96  | 121 | 57  | 278 |
| CLASS 3 | 25         | 0   | 5   | 20  | 50  |
| CLASS 4 | 6          | 0   | 1   | 12  | 19  |
| TOTAL   | 35         | 145 | 190 | 109 | 479 |

|                                       |     |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 126 | 208 | 270 | 218 | 822 |
|---------------------------------------|-----|-----|-----|-----|-----|

TABLE 39  
CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

62

EXPERIMENT NO. 25A

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     |     |     |     |     |       |
| CLASS 2     |     |     |     |     |       |
| CLASS 3     |     |     |     |     |       |
| CLASS 4     |     |     |     |     |       |
| TOTAL       |     |     |     |     |       |

|         | DEPARTURES |  |  |  |  |
|---------|------------|--|--|--|--|
| CLASS 1 |            |  |  |  |  |
| CLASS 2 |            |  |  |  |  |
| CLASS 3 |            |  |  |  |  |
| CLASS 4 |            |  |  |  |  |
| TOTAL   |            |  |  |  |  |

|                                       |  |  |  |  |  |
|---------------------------------------|--|--|--|--|--|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS |  |  |  |  |  |
|---------------------------------------|--|--|--|--|--|

TO BE DEVELOPED

TABLE 40

CLASS AND RUNWAY DEMAND DISTRIBUTION  
FOR ARRIVALS AND DEPARTURES

63

EXPERIMENT NO. 26

| RUNWAY NAME | 24R | 24L | 25R | 25L | TOTAL |
|-------------|-----|-----|-----|-----|-------|
| ARRIVALS    |     |     |     |     |       |
| CLASS 1     | 16  | 12  | 24  | 23  | 75    |
| CLASS 2     | 58  | 40  | 55  | 49  | 202   |
| CLASS 3     | 12  | 8   | 1   | 27  | 48    |
| CLASS 4     | 5   | 3   | 0   | 10  | 18    |
| TOTAL       | 91  | 63  | 80  | 109 | 343   |

|         | DEPARTURES |     |     |   |     |
|---------|------------|-----|-----|---|-----|
| CLASS 1 | 0          | 49  | 83  | 0 | 132 |
| CLASS 2 | 0          | 100 | 178 | 0 | 278 |
| CLASS 3 | 0          | 25  | 25  | 0 | 50  |
| CLASS 4 | 0          | 6   | 13  | 0 | 19  |
| TOTAL   | 0          | 180 | 299 | 0 | 479 |

|                                       |    |     |     |     |     |
|---------------------------------------|----|-----|-----|-----|-----|
| ARRIVAL<br>AND<br>DEPARTURE<br>TOTALS | 91 | 243 | 379 | 109 | 822 |
|---------------------------------------|----|-----|-----|-----|-----|

ATTACHMENT F

EXPERIMENTAL DESIGN for COMBINED STAGE 1 and 2

LOS ANGELES INTERNATIONAL AIRPORT

LOS ANGELES  
AIRPORT IMPROVEMENT TASK FORCE DELAY STUDIES  
AUGUST 1979

LAX-CALA 1--BASE IS CAL-(LAXCALA1)-WITH-SPEC-RATE-STRUCTURE

LAX STAGE 1, EXPERIMENT NO. 1 CONFIGURATION A  
TIME(S) ARRIVAL(FINISH)

07 00 14 00

A/C SERVICE TIMES

|   |       |      |
|---|-------|------|
| 1 | 40.00 | 3.00 |
| 2 | 30.00 | 3.00 |
| 3 | 20.00 | 2.00 |
| 4 | 20.00 | 2.00 |
| 5 |       |      |

LAX STAGE 1, EXPERIMENT NO. 2 CONFIGURATION A

LAX STAGE 1, EXPERIMENT NO. 2 CONFIGURATION A  
A/C SEPARATIONS (1978 IFR-1)

1978 IFR-1 SEPARATION VALUES FOR ARRIVAL=TO=ARRIVAL

|            | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|------------|------------|------------|------------|------------|
| NHL-(S-D.) | NHL-(S-D.) | NHL-(S-D.) | NHL-(S-D.) | NHL-(S-D.) |
| CLASS 1    | 5.2 (0.70) | 6.1 (0.65) | 7.0 (0.60) | 6.8 (0.50) |
| CLASS 2    | 4.2 (0.70) | 4.1 (0.65) | 5.0 (0.60) | 4.8 (0.50) |
| CLASS 3    | 4.2 (0.70) | 4.1 (0.65) | 4.0 (0.60) | 3.8 (0.50) |
| CLASS 4    | 4.2 (0.70) | 4.1 (0.65) | 4.0 (0.60) | 3.8 (0.50) |

1978 IFR-1 SEPARATION VALUES FOR DEPARTURE=TO=DEPARTURE

|            | CLASS 1     | CLASS 2     | CLASS 3     | CLASS 4     |
|------------|-------------|-------------|-------------|-------------|
| NHL-(S-D.) | NHL-(S-D.)  | NHL-(S-D.)  | NHL-(S-D.)  | NHL-(S-D.)  |
| CLASS 1    | 1.64 (0.08) | 2.14 (0.08) | 2.14 (0.08) | 2.14 (0.08) |
| CLASS 2    | 1.14 (0.08) | 1.14 (0.08) | 1.13 (0.08) | 1.13 (0.08) |
| CLASS 3    | 1.13 (0.08) | 1.14 (0.08) | 1.13 (0.08) | 1.13 (0.08) |
| CLASS 4    | 1.13 (0.08) | 1.14 (0.08) | 1.13 (0.08) | 1.13 (0.08) |

1978 IFR-1 SEPARATION VALUES FOR DEPARTURE=TO=ARRIVAL

|            | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|------------|------------|------------|------------|------------|
| NHL-(S-D.) | NHL-(S-D.) | NHL-(S-D.) | NHL-(S-D.) | NHL-(S-D.) |
| CLASS 1    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |
| CLASS 2    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |
| CLASS 3    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |
| CLASS 4    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |

1978 IFR-1 ARRIVAL=TO=ARRIVAL AND DEPARTURE=TO=ARRIVAL SEPARATIONS FOR DEPENDENT RUNWAYS ARE 100 PERCENT AND 40 PERCENT OF SAME RUNWAY SEPARATIONS

LAX STAGE 1, EXPERIMENT NO. 8 CONFIGURATION A

**MAX STAGE 2A EXPERIMENT NO. 23 CONFIRMATION**

## MAX STRESS TEST EXPERIMENT NO 31 CONCENTRATION 1

| EXPERIMENT 1 - RUNWAY-2 - RUNWAY OCCUPANCY TIMES - 1978 - IFR-2 - PLUSS-5 - SECONDS                            |     |    |    |    |    |    |    |    |    |
|--|-----|----|----|----|----|----|----|----|----|
| EXPERIMENT NO. 3 - CONFIGURATION A - IFR-2 - CROSSING-LINK-CLEARANCE-TIMES-JADE-5-SECONDS-TO-ARRIVAL-ON-RUNWAY |     |    |    |    |    |    |    |    |    |
| 2  | 307 | 30 | 38 | 40 | 22 | 23 | 26 | 30 | 30 |
| 2  | 312 | 47 | 51 | 40 | 31 | 31 | 42 | 30 | 30 |
| 2  | 317 | 57 | 51 | 40 | 36 | 36 | 42 | 30 | 30 |
| 2  | 320 | 61 | 59 | 51 | 40 | 43 | 42 | 30 | 30 |
| 2  | 323 | 61 | 59 | 51 | 40 | 46 | 42 | 30 | 30 |
| 3  | 275 | 56 | 56 | 65 | 50 | 35 | 35 | 42 | 30 |
| 3  | 272 | 57 | 61 | 77 | 50 | 42 | 42 | 30 | 30 |
| 3  | 269 | 57 | 61 | 77 | 50 | 43 | 42 | 30 | 30 |
| 3  | 262 | 72 | 67 | 65 | 57 | 46 | 46 | 30 | 30 |
| 3  | 260 | 61 | 64 | 68 | 57 | 47 | 47 | 30 | 30 |
| 3  | 280 | 56 | 51 | 59 | 47 | 47 | 42 | 30 | 30 |
| 4  | 279 | 56 | 51 | 59 | 47 | 47 | 42 | 30 | 30 |
| 4  | 258 | 72 | 67 | 65 | 57 | 47 | 42 | 30 | 30 |
| 4  | 284 | 43 | 43 | 52 | 50 | 29 | 29 | 30 | 30 |
| -4   | 265 | 72 | 67 | 65 | 57 | 44 | 44 | 30 | 30 |

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40000 42.0 4280 52.0 4501 59.4 5500 50.7 5700 4

4150 420 4400 4500 560 560 2 7500 600 2 7500 600 2 7500 600 2

卷之三

卷之三

**2200**    39.5    2580    62.8    3000    56.0    4280    65.6    5

4501 51.8 5350 47.4 5500 43.5 5700 47.8 6150 5

**6** 7820 59.0 56.6 7780 54.2 7550 6500 53.8 6400

8250 630 8

卷之三

**2200**    36 - 6    2580    41 - 9    2400    40 - 0    3000    47 - 7    4000    3

4280 64.3 4500 53.1 4501 43.0 4600 51.0 5350 5

\$700 65.0 75.0 68.1 7780 91.0

7

**2000**   **40.0**   **2580**   **37.6**   **4280**   **43.5**   **6500**   **50.0**   **\$350** :   **4**

**\$3700**    **\$7.0**    **7780**    **55.0**

**SEPARATIONS (1928-1982) (CHANGE 168-1) BASED ON ARRIVAL SUMMARY OCCUPANCY**

#### **SPECIAL A/D SEPARATION VALUES BASED ON ARRIVAL RUNWAY OCCUPA-**

CLASS 1 CLASS 2 CLASS 3 CLASS 4 CLASS 5 CLASS 6

MINUTES (5-0.) MINUTES (5-0.) MINUTES (5-0.)

CLASS 1 - 0.94 --- (0.16) --- 0.86 --- (0.19) --- 1.05 --- (0.23) --- 0.82 --- (0.09)

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110-2 SEPARATION-CHANGES LIES-1 VALUES AND -100 PERCENT OF SAME BHNA

## SEPARATIONS FOR INDEPENDENT RUNWAY SEPARATIONS

11



|     |     |     |             |     |        |
|-----|-----|-----|-------------|-----|--------|
| 134 | 370 | 371 | 372         | 373 | 432    |
| 38  |     |     | (ROUTE 598) |     | MODIFY |
| 8   | 203 | 184 | 183         | 352 | 182    |
| 355 | 178 | 358 | 149         | 359 | 353    |
| 299 | 300 | 308 | 361         | 133 | 180    |
| 335 | 137 | 138 | 370         | 371 | 179    |
| 38  |     |     | (ROUTE 599) |     | MODIFY |
| 9   | 223 | 224 | 225         | 226 | 227    |
| 266 | 268 | 357 | 125         | 359 | 228    |
| 299 | 300 | 308 | 361         | 133 | 297    |
| 335 | 137 | 138 | 370         | 371 | 298    |
| 32  |     |     | (ROUTE 600) |     | MODIFY |
| 10  | 328 | 230 | 265         | 266 | 268    |
| 296 | 297 | 298 | 129         | 299 | 300    |
| 134 | 135 | 136 | 334         | 335 | 308    |
| 373 | 432 |     |             | 137 | 361    |
| 22  |     |     | (ROUTE 601) |     | MODIFY |
| 11  | 148 | 128 | 129         | 299 | 300    |
| 134 | 135 | 136 | 334         | 335 | 308    |
| 373 | 432 |     |             | 137 | 361    |
| 051 |     |     | (ROUTE 602) |     | MODIFY |
| 12  | 332 | 200 | 199         | 198 | 197    |
| 192 | 191 | 190 | 113         | 114 | 115    |
| 162 | 182 | 183 | 153         | 180 | 179    |
| 359 | 309 | 296 | 297         | 298 | 299    |
| 133 | 368 | 366 | 354         | 355 | 356    |
| 371 | 372 | 373 | 432         | 334 | 335    |
| 052 |     |     | (ROUTE 603) |     | MODIFY |
| 13  | 201 | 197 | 196         | 195 | 194    |
| 113 | 344 | 345 | 346         | 350 | 345    |
| 181 | 353 | 180 | 179         | 355 | 178    |
| 296 | 292 | 296 | 129         | 299 | 300    |
| 134 | 135 | 136 | 334         | 335 | 308    |
| 373 | 432 |     |             | 137 | 335    |
| 24  |     |     | (ROUTE 604) |     | MODIFY |
| 14  | 323 | 364 | 161         | 162 | 163    |
| 304 | 368 | 134 | 135         | 136 | 135    |
| 371 | 372 | 373 | 432         | 334 | 335    |
| 44  |     |     | (ROUTE 605) |     | MODIFY |
| 15  | 202 | 113 | 116         | 115 | 116    |
| 352 | 182 | 181 | 353         | 180 | 179    |
| 359 | 309 | 296 | 292         | 296 | 129    |
| 133 | 368 | 366 | 134         | 135 | 334    |
| 371 | 372 | 373 | 432         | 334 | 335    |
| 31  |     |     | (ROUTE 606) |     | MODIFY |
| 16  | 255 | 249 | 366         | 250 | 126    |
| 297 | 298 | 129 | 299         | 300 | 308    |
| 135 | 316 | 334 | 335         | 132 | 136    |
| 432 |     |     | (ROUTE 607) |     | MODIFY |
| 17  | 324 | 365 | 159         | 160 | 364    |
| 166 | 303 | 362 | 304         | 168 | 136    |
| 137 | 138 | 370 | 371         | 372 | 373    |
| 36  |     |     | (ROUTE 608) |     | MODIFY |
| 18  | 253 | 367 | 265         | 266 | 267    |
| 176 | 360 | 294 | 295         | 296 | 297    |
| 308 | 361 | 133 | 368         | 134 | 135    |
| 138 | 370 | 371 | 372         | 373 | 432    |

LAX STAGE 1 EXPERIMENT NO. 11 CONFIGURATION A  
A/T EXIT SELECTION

|   |   |     |      |     |      |     |      |
|---|---|-----|------|-----|------|-----|------|
| 4   | 3 | 225 | 0.22 | 284 | 0.50 | 222 | 0.28 |
| ----- SAME SEQUENCE -- LAX CALA 11 -- BASE IS CAL PLUS EXP 11 ROUTES            |   |     |      |     |      |     |      |
| TAXIWAY ROUTES (ACCESS TO 24R AND GATE 75, NEW EXIT ROUTES FOR HIGH SPEED EXIT) |   |     |      |     |      |     |      |
| TAXIWAY ROUTES (ACCESS TO BYPASS OF RUNWAY 24L TO RUNWAY 24R)                   |   |     |      |     |      |     |      |
| TAXIWAY LINKS   | 7 | 121 | 0.2  | 7   |      |     |      |

LAX STAGE 1' EXPERIMENT NO. 12 CONFIGURATION A  
A/C SEPARATIONS (1982 VFR-1)

| 1982 VFR-1 SEPARATION VALUE FOR ARRIVAL-TO-ARRIVAL |             |             |             |             |             |             |  |
|--|-------------|-------------|-------------|-------------|-------------|-------------|--|
|  | CLASS 1     | CLASS 2     | CLASS 3     | CLASS 4     | CLASS 5     | CLASS 6     |  |
|  | NHL. (S.O.) |  |
| CLASS 1  | 6.0 (0.43)  | 3.9 (0.40)  | 4.9 (0.37)  | 4.7 (0.31)  |             |             |  |
| CLASS 2  | 4.0 (0.43)  | 3.9 (0.40)  | 3.9 (0.37)  | 3.7 (0.31)  |             |             |  |
| CLASS 3  | 6.0 (0.43)  | 3.9 (0.40)  | 3.9 (0.37)  | 3.7 (0.31)  |             |             |  |
| CLASS 4  | 4.0 (0.43)  | 3.9 (0.40)  | 3.9 (0.37)  | 3.7 (0.31)  |             |             |  |

NEW SEQUENCE -- LAX CALA 16 -- BASE IS CAL PLUS EXP 18 ROUTES

LAX STAGE 2, EXPERIMENT NO. 22A CONFIGURATION A  
A/C SEPARATIONS (1978 VFR-1)  
TAXIWAY ROUTES (TAXIWAY IMPROVEMENTS IDENTIFIED IN APPENDIX B)

|               |     |       |   |  |  |  |  |
|---------------|-----|-------|---|--|--|--|--|
| TAXIWAY LINKS | 124 | 350.0 | 2 |  |  |  |  |
|               | 125 | 300.0 | 2 |  |  |  |  |
|               | 126 | 700.0 | 2 |  |  |  |  |
|               | 149 | 350.0 | 3 |  |  |  |  |
|               | 150 | 400.0 | 3 |  |  |  |  |
|               | 174 | 450.0 | 6 |  |  |  |  |
|               | 175 | 0.2   | 7 |  |  |  |  |
|               | 264 | 300.0 | 6 |  |  |  |  |
|               | 268 | 300.0 | 6 |  |  |  |  |
|               | 294 | 300.0 | 3 |  |  |  |  |
|               | 295 | 450.0 | 3 |  |  |  |  |
|               | 309 | 600.0 | 5 |  |  |  |  |
|               | 331 | 400.0 | 3 |  |  |  |  |

69

LAX STAGE 2, EXPERIMENT NO. 18 CONFIGURATION A  
A/C SEPARATIONS (1982 VFR-1)  
1982 VFR-1 SEPARATION CHANGES (ARRIVAL-TO-ARRIVAL FOR SAME RUNWAY)

|         | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|---------|------------|------------|------------|------------|
|         | NHL-(S,D.) | NHL-(S,D.) | NHL-(S,D.) | NHL-(S,D.) |
| CLASS 1 | 3.7 (0.43) | 3.9 (0.40) | 4.9 (0.37) | 4.7 (0.31) |
| CLASS 2 | 2.9 (0.43) | 2.8 (0.40) | 3.6 (0.37) | 3.4 (0.31) |
| CLASS 3 | 2.9 (0.43) | 2.8 (0.40) | 2.8 (0.37) | 2.6 (0.31) |
| CLASS 4 | 2.9 (0.43) | 2.8 (0.40) | 2.8 (0.37) | 2.6 (0.31) |

LAX STAGE 2, EXPERIMENT NO. 20 CONFIGURATION A  
 SAME SEQUENCE -- LAX-CALA-19 -- BASE-IS-CAL-PLUS-EXP-19 ROUTES  
 TAXIWAY ROUTES (TAXIWAY CHANGES DUE TO TERMINAL EXPANSION)  
 TAXIWAY-LINKS

|     | 129 | 350.0 | 2 |
|-----|-----|-------|---|
| 299 |     | 500.0 | 3 |
| 309 |     | 500.0 | 5 |

LAX STAGE 2, EXPERIMENT NO. 19 CONFIGURATION A  
 A/C SEPARATIONS (1987 VFR-1)

NEW SEQUENCE -- LAX CALA 25 -- BASE IS CAL PLUS EXP 25 ROUTES

LAX-STAGE 2A, EXPERIMENT NO. 25 CONFIGURATION A  
 TAXIWAY ROUTES (TAXIWAY CHANGES DUE TO TERMINAL EXPANSION, REMOTE TERMINAL AND  
 DUAL-TAXIWAY-SYSTEM)

TAXIWAY LINKS

121 0.2 7

A/C SEPARATIONS (1987 VFR-1)

1987 VFR-1 SEPARATION CHANGES (ARRIVAL=10-ARRIVAL FOR SAME RUNWAY)

|         | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|---------|------------|------------|------------|------------|
|         | NHL-(S,D.) | NHL-(S,D.) | NHL-(S,D.) | NHL-(S,D.) |
| CLASS 1 | 2.7 (0.31) | 3.2 (0.29) | 3.6 (0.27) | 3.5 (0.29) |
| CLASS 2 | 2.6 (0.31) | 2.6 (0.29) | 3.1 (0.27) | 3.0 (0.29) |
| CLASS 3 | 2.6 (0.31) | 2.6 (0.29) | 2.5 (0.27) | 2.4 (0.29) |
| CLASS 4 | 2.6 (0.31) | 2.6 (0.29) | 2.5 (0.27) | 2.4 (0.29) |

LAX-STAGE 2A, EXPERIMENT NO. 25A CONFIGURATION A

LAX-STAGE 2A, EXPERIMENT NO. 26 CONFIGURATION A

A/C SEPARATIONS (1987 VFR-1)

|         | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|---------|------------|------------|------------|------------|
|         | NHL-(S,D.) | NHL-(S,D.) | NHL-(S,D.) | NHL-(S,D.) |
| CLASS 1 | 2.7 (0.31) | 3.2 (0.29) | 3.6 (0.27) | 3.5 (0.29) |

CLASS 2 2.7 (0.31) 2.7 (0.29) 3.1 (0.27) 3.0 (0.22)  
 CLASS 3 2.7 (0.31) 2.7 (0.29) 2.6 (0.27) 2.5 (0.22)  
 CLASS 4 2.7 (0.31) 2.7 (0.29) 2.6 (0.27) 2.5 (0.22)

NEW SEQUENCE = LAX-CALC-6 = BASE IS CAL (LAXCALA1) - WITH SPEC=RTE

LAX STAGE 1, EXPERIMENT NO. 6 CONFIGURATION C  
 TIME(S) START FINISH

07 00 14 00

ANY

NAME\$

06R 06L 07R 07L

BUT-END LINKS

151 323 410 422

BUX-XING LINKS

1 312 44 41 58 50 42 47 42 42 30 30 30

1 307 53 51 62 51 47 47 42 42 30 30 30

3 265 52 49 39 35 42 47 42 42 30 30 30

3 258 18 34 32 35 47 47 42 42 30 30 30

3 279 53 50 42 51 47 47 42 42 30 30 30

4 262 27 52 43 34 47 47 42 42 30 30 30

4 260 18 35 29 21 47 47 42 42 30 30 30

4 280 53 50 62 51 47 47 42 42 30 30 30

4 266 32 49 39 35 42 47 42 42 30 30 30

4 269 43 42 49 38 47 47 42 42 30 30 30

4 272 52 45 47 45 47 47 42 42 30 30 30

4 275 42 47 61 52 47 47 42 42 30 30 30

4 284 56 52 63 50 47 47 42 42 30 30 30

BUT EXIT SELECTION

1 1 1

310 0.30 305 0.40 145 0.30

310 0.54 305 0.37 145 0.09

310 0.54 305 0.37 145 0.09

310 0.54 305 0.37 145 0.09

312 0.30 307 0.70

2 2 2

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

312 0.54 307 0.46

71

|     |      |     |      |     |      |     |      |  |
|-----|------|-----|------|-----|------|-----|------|--|
| 3   | 3    | 2   |      |     |      |     |      |  |
| 269 | 0.50 | 272 | 0.25 | 238 | 0.25 |     |      |  |
| 4   | 3    | 2   |      |     |      |     |      |  |
| 258 | 0.99 | 266 | 0.01 |     |      |     |      |  |
| 1   | 4    | 4   |      |     |      |     |      |  |
| 277 | 0.67 | 278 | 0.20 | 282 | 0.07 | 286 | 0.06 |  |
| 2   | 4    | 4   |      |     |      |     |      |  |
| 277 | 0.67 | 278 | 0.20 | 282 | 0.07 | 286 | 0.06 |  |
| 3   | 4    | 4   |      |     |      |     |      |  |
| 274 | 0.25 | 277 | 0.25 | 282 | 0.25 | 260 | 0.25 |  |
| -4  | 4    | 2   |      |     |      |     |      |  |
| 260 | 0.99 | 268 | 0.01 |     |      |     |      |  |

#### ANY EXIT DISTANCES

|     |      |     |      |     |      |     |      |      |
|-----|------|-----|------|-----|------|-----|------|------|
| 018 |      |     |      |     |      |     |      |      |
| 310 | 5630 | 305 | 7050 | 145 | 7490 | 312 | 3840 | 307  |
| 272 | 4500 | 275 | 7430 | 284 | 7300 | 269 | 4090 | 258  |
| 277 | 6030 | 278 | 6650 | 282 | 7130 | 286 | 7400 | 274  |
| 260 | 5920 | 268 | 3440 | 266 | 3440 |     |      | 4820 |

#### ANY ARRIVAL OCCUPANCY TIMES

|                             |      |      |       |      |       |      |       |      |
|-----------------------------|------|------|-------|------|-------|------|-------|------|
| 1                           | 8    |      |       |      |       |      |       |      |
| 3840                        | 47.0 | 5630 | 47.0  | 6030 | 60.0  | 6650 | 66.0  | 7050 |
| 7130                        | 76.0 | 2400 | 26.0  | 7490 | 70.0  |      |       |      |
| 2                           | 8    |      |       |      |       |      |       |      |
| 3840                        | 47.0 | 5630 | 48.0  | 6030 | 60.0  | 6650 | 66.0  | 7050 |
| 7130                        | 76.0 | 7400 | 76.0  | 7490 | 75.0  |      |       |      |
| 3                           | 4    |      |       |      |       |      |       |      |
| 1970                        | 42.0 | 6030 | 63.0  | 7130 | 139.0 | 7490 | 139.0 |      |
| -4                          | 2    |      |       |      |       |      |       |      |
| 1970                        | 42.0 | 7490 | 139.0 |      |       |      |       |      |
| TAXIWAY-TWO-WAY             |      |      |       |      |       |      |       |      |
| LOS ANGELES CONFIGURATION C |      |      |       |      |       |      |       |      |
| 004                         |      |      |       |      |       |      |       |      |
| 363                         | 164  | 303  | 362   |      |       |      |       |      |
| 006                         |      |      |       |      |       |      |       |      |
| 362                         | 303  | 164  | 363   |      |       |      |       |      |
| 006                         |      |      |       |      |       |      |       |      |
| 363                         | 164  | 303  | 362   | 302  | 301   |      |       |      |
| 006                         |      |      |       |      |       |      |       |      |
| 301                         | 302  | 362  | 303   | 164  | 363   |      |       |      |
| 005                         |      |      |       |      |       |      |       |      |
| 164                         | 303  | 362  | 302   | 301  |       |      |       |      |
| 005                         |      |      |       |      |       |      |       |      |
| 301                         | 302  | 362  | 303   | 164  |       |      |       |      |
| 002                         |      |      |       |      |       |      |       |      |
| 368                         | 250  |      |       |      |       |      |       |      |
| 002                         |      |      |       |      |       |      |       |      |
| 250                         | 366  |      |       |      |       |      |       |      |
| 006                         |      |      |       |      |       |      |       |      |
| 366                         | 250  | 176  | 360   | 177  | 357   |      |       |      |
| 006                         |      |      |       |      |       |      |       |      |
| 357                         | 177  | 360  | 176   | 230  | 366   |      |       |      |
| 008                         |      |      |       |      |       |      |       |      |
| 330                         | 126  | 359  | 125   | 357  | 177   | 360  | 176   |      |
| 008                         |      |      |       |      |       |      |       |      |
| 176                         | 360  | 177  | 357   | 125  | 359   | 126  | 350   |      |
| 005                         |      |      |       |      |       |      |       |      |
| 330                         | 126  | 359  | 125   | 357  |       |      |       |      |
| 005                         |      |      |       |      |       |      |       |      |
| 357                         | 125  | 359  | 126   | 350  |       |      |       |      |

007  
351  
007  
176  
004  
331  
004  
357  
246  
008  
360  
010  
357  
008  
246  
008  
360  
006  
202  
006  
350  
005  
113  
-005  
350

352  
125  
360  
359  
125  
357  
248  
366  
250  
176  
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177  
357

177  
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351  
125  
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176  
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357

351  
125  
352  
249  
366  
250  
176  
360  
177  
357

246  
360  
176  
250  
176  
269  
248  
247  
246

247  
360  
176  
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176  
269  
248  
247  
246

116  
115  
114  
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116  
350  
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114  
113

113  
202  
202  
350  
202  
350  
113  
202  
202  
350

AFC SEPARATIONS (1972, YTD-1)

FIX TRAVEL TIMES CONFIGURATION "C"

|   |   |   |      |       |
|---|---|---|------|-------|
| 1 | 1 | 1 | 33.0 | 180.0 |
| 1 | 1 | 2 | 33.0 | 180.0 |
| 1 | 1 | 3 | 36.0 | 180.0 |
| 2 | 1 | 2 | 28.5 | 180.0 |
| 2 | 1 | 3 | 31.5 | 180.0 |
| 2 | 1 | 4 | 31.5 | 180.0 |
| 3 | 1 | 2 | 22.5 | 192.9 |
| 3 | 1 | 3 | 22.5 | 192.9 |
| 3 | 1 | 4 | 22.5 | 180.0 |
| 3 | 1 | 5 | 25.5 | 180.0 |
| 4 | 1 | 2 | 24.0 | 192.0 |
| 4 | 1 | 3 | 24.0 | 180.0 |
| 4 | 1 | 4 | 24.0 | 180.0 |
| 5 | 1 | 2 | 22.5 | 192.9 |
| 5 | 1 | 3 | 22.5 | 180.0 |
| 5 | 1 | 4 | 24.0 | 180.0 |
| 5 | 1 | 5 | 18.0 | 180.0 |
| 6 | 1 | 3 | 18.0 | 180.0 |
| 6 | 1 | 4 | 18.0 | 180.0 |
| 1 | 2 | 1 | 36.0 | 196.4 |
| 1 | 2 | 2 | 36.0 | 180.0 |
| 1 | 2 | 3 | 36.0 | 180.0 |
| 2 | 2 | 1 | 28.5 | 180.0 |
| 2 | 2 | 2 | 28.5 | 180.0 |
| 2 | 2 | 3 | 28.5 | 180.0 |
| 2 | 2 | 4 | 28.5 | 180.0 |
| 3 | 2 | 1 | 25.5 | 191.3 |
| 3 | 2 | 2 | 25.5 | 191.3 |
| 3 | 2 | 3 | 25.5 | 191.3 |
| 3 | 2 | 4 | 25.5 | 180.0 |
| 4 | 2 | 1 | 25.5 | 204.0 |
| 4 | 2 | 2 | 25.5 | 191.3 |
| 4 | 2 | 3 | 25.5 | 180.0 |
| 4 | 2 | 4 | 25.5 | 180.0 |

|   |    |   |      |       |
|---|----|---|------|-------|
| 5 | 2  | 2 | 18.0 | 180.0 |
| 5 | 2  | 3 | 18.0 | 180.0 |
| 5 | 2  | 4 | 18.0 | 180.0 |
| 5 | 3  | 3 | 18.0 | 180.0 |
| 5 | 3  | 4 | 18.0 | 180.0 |
| 5 | 4  | 4 | 18.0 | 180.0 |
| 5 | 1  | 1 | 33.0 | 180.0 |
| 5 | 1  | 2 | 34.5 | 197.1 |
| 5 | 2  | 3 | 36.5 | 180.0 |
| 5 | 2  | 4 | 36.0 | 180.0 |
| 5 | 3  | 3 | 36.0 | 180.0 |
| 5 | 3  | 4 | 36.0 | 180.0 |
| 5 | 4  | 4 | 36.0 | 180.0 |
| 5 | 2  | 2 | 21.0 | 210.0 |
| 5 | 3  | 3 | 21.0 | 180.0 |
| 5 | 4  | 4 | 21.0 | 180.0 |
| 6 | 4  | 4 | 18.0 | 180.0 |
| 6 | 1  | 1 | 24.0 | 92.0  |
| 6 | 2  | 2 | 24.0 | 192.0 |
| 6 | 3  | 3 | 24.0 | 192.0 |
| 6 | 4  | 4 | 24.0 | 180.0 |
| 6 | 2  | 2 | 18.0 | 180.0 |
| 6 | 3  | 3 | 18.0 | 180.0 |
| 6 | 4  | 4 | 18.0 | 180.0 |
| 6 | 2  | 3 | 18.0 | 180.0 |
| 6 | 3  | 4 | 18.0 | 180.0 |
| 6 | 4  | 4 | 18.0 | 180.0 |
| 6 | 1  | 1 | 33.0 | 180.0 |
| 6 | 2  | 2 | 31.5 | 180.0 |
| 6 | 3  | 3 | 31.5 | 180.0 |
| 6 | 4  | 4 | 31.5 | 180.0 |
| 6 | 2  | 2 | 36.0 | 180.0 |
| 6 | 3  | 3 | 36.0 | 180.0 |
| 6 | 4  | 4 | 36.0 | 180.0 |
| 6 | 1  | 1 | 18.0 | 180.0 |
| 6 | 2  | 2 | 18.0 | 180.0 |
| 6 | 3  | 3 | 18.0 | 180.0 |
| 6 | 4  | 4 | 18.0 | 180.0 |
| 6 | 2  | 3 | 18.0 | 180.0 |
| 6 | 3  | 4 | 18.0 | 180.0 |
| 6 | 4  | 4 | 18.0 | 180.0 |
| 6 | 1  | 1 | 24.0 | 192.0 |
| 6 | 2  | 2 | 24.0 | 192.0 |
| 6 | 3  | 3 | 24.0 | 180.0 |
| 6 | 4  | 4 | 24.0 | 180.0 |
| 6 | 2  | 3 | 21.0 | 180.0 |
| 6 | 3  | 4 | 21.0 | 180.0 |
| 6 | 4  | 4 | 21.0 | 180.0 |
| 6 | 1  | 1 | 18.0 | 180.0 |
| 6 | 2  | 2 | 18.0 | 180.0 |
| 6 | 3  | 3 | 18.0 | 180.0 |
| 6 | 4  | 4 | 18.0 | 180.0 |
| 6 | -8 | 3 | 4    | 18.0  |
| 6 | -8 | 4 | 4    | 180.0 |

LAX STAGE 1, EXPERIMENT NO. 9 CONFIGURATION C

LAX STAGE 1, EXPERIMENT NO. 16 CONFIGURATION C  
ANY XING LINKS -LINK 328 CROSSING-21

|   | RWY EXIT SELECTION | 30   | 30   | 30 | 30 |
|---|--------------------|------|------|----|----|
| 6 | 378                |      |      |    |    |
| 1 | 1                  | 2    |      |    |    |
| 2 | 1                  | 2    |      |    |    |
| 3 | 0.91               | 14.5 | 0.09 |    |    |
| 3 | 1                  | 2    |      |    |    |
| 4 | 0.91               | 14.5 | 0.09 |    |    |
| 5 | 1                  | 2    |      |    |    |
| 6 | 1                  | 2    |      |    |    |
| 7 | 0.91               | 14.5 | 0.09 |    |    |
| 8 | 1                  | 2    |      |    |    |

|   |      |               |        |
|---|------|---------------|--------|
| 277   | 0.01 | 376           | 0.99   |
| 2   | 4    | 3             |        |
| 277   | 0.01 | 376           | 0.99   |
| 3   | 4    | 3             |        |
| 274   | 0.25 | 376           | 0.50   |
| 4   | 4    | 2             | 0.25   |
| 260   | 0.99 | 268           | 0.01   |
| <u>RTV_EXIT-DISTANCES</u>   |      |               |        |
| 20  |      |               |        |
| 310   | 5630 | 305           | 7050   |
| 272   | 4500 | 275           | 7450   |
| 222   | 6030 | 228           | 6650   |
| 260   | 1970 | 268           | 3640   |
| TAXIWAY ROUTES - (NEW ROUTES TO RUNWAY 2R FROM BY-PASS OF 7L, NEW HIGH SPEED) |      |               |        |
| TAXIWAY ROUTES - (ACCESS TO BYPASS OF RUNWAY 7L TO RUNWAY 2R)                 |      |               |        |
| 040   |      | ( ROUTE 463 ) | MODIFY |
| 025   | 325  | 324           | 156    |
| 161   | 162  | 163           | 363    |
| 170   | 171  | 122           | 173    |
| 247   | 246  | 245           | 367    |
| 36  |      | ( ROUTE 555 ) | MODIFY |
| 1   | 147  | 131           | 132    |
| 166   | 162  | 168           | 269    |
| 250   | 366  | 249           | 248    |
| 372   | 372A | 379           | 610    |
| 31  |      | ( ROUTE 556 ) | MODIFY |
| 2   | 146  | 133           | 304    |
| 169   | 170  | 171           | 172    |
| 248   | 247  | 246           | 245    |
| 410   |      | ( ROUTE 557 ) | MODIFY |
| 37  |      | ( ROUTE 558 ) | MODIFY |
| 3   | 340  | 339           | 318    |
| 162   | 303  | 165           | 146    |
| 173   | 174  | 175           | 250    |
| 362   | 244  | 243           | 322    |
| 22  |      | ( ROUTE 559 ) | MODIFY |
| 6   | 331  | 359           | 125    |
| 249   | 248  | 247           | 246    |
| 379   | 410  |               |        |
| 24  |      | ( ROUTE 560 ) | MODIFY |
| 5   | 206  | 355           | 128    |
| 250   | 366  | 249           | 248    |
| 372   | 378  | 379           | 610    |
| 27  |      | ( ROUTE 561 ) | MODIFY |
| 6   | 205  | 353           | 180    |
| 177   | 360  | 176           | 210    |
| 362   | 244  | 263           | 327    |
| 30  |      | ( ROUTE 562 ) | MODIFY |
| 7   | 204  | 352           | 182    |
| 158   | 150  | 357           | 177    |
| 262   | 246  | 265           | 367    |
| 32  |      | ( ROUTE 563 ) | SAME   |
| 8   | 203  | 186           | 183    |
| 355   | 178  | 358           | 150    |
| 249   | 248  | 247           | 246    |
| 379   | 410  |               |        |
| 019   |      | ( ROUTE 564 ) | SAME   |
| 019   | 111  | 223           | 224    |
| 019   | 111  | 223           | 225    |
| 019   | 111  | 223           | 226    |
| 019   | 111  | 223           | 227    |
| 019   | 111  | 223           | 228    |
| 019   | 111  | 223           | 229    |
| 019   | 111  | 223           | 230    |

|     |     |     |         |       |        |     |     |     |     |
|-----|-----|-----|---------|-------|--------|-----|-----|-----|-----|
| 231 | 232 | 233 | 234     | 235   | 236    | 237 | 238 | 239 | 410 |
| 011 | 230 | 231 | 232     | 233   | 234    | 235 | 236 | 237 | 238 |
| 410 |     |     | { ROUTE | 564 } | SAME   |     |     |     |     |
| 23  |     |     | { ROUTE | 565 } | MODIFY |     |     |     |     |
| 11  | 330 | 426 | 359     | 425   | 357    | 477 | 360 | 476 | 250 |
| 366 | 249 | 249 | 267     | 246   | 245    | 367 | 244 | 243 | 377 |
| 378 | 379 | 410 |         |       |        |     |     |     |     |
| 49  |     |     | { ROUTE | 566 } | MODIFY |     |     |     |     |
| 12  | 332 | 200 | 199     | 198   | 197    | 196 | 195 | 194 | 193 |
| 192 | 191 | 190 | 113     | 114   | 115    | 116 | 350 | 185 | 184 |
| 183 | 352 | 182 | 181     | 353   | 180    | 179 | 355 | 178 | 358 |
| 150 | 357 | 177 | 360     | 176   | 250    | 366 | 249 | 248 | 247 |
| 246 | 245 | 367 | 244     | 243   | 377    | 378 | 379 | 410 |     |
| 46  |     |     | { ROUTE | 567 } | MODIFY |     |     |     |     |
| 13  | 201 | 197 | 196     | 195   | 194    | 193 | 192 | 191 | 190 |
| 113 | 114 | 115 | 116     | 350   | 185    | 184 | 183 | 352 | 182 |
| 181 | 353 | 180 | 179     | 355   | 178    | 358 | 150 | 357 | 177 |
| 360 | 176 | 250 | 366     | 249   | 248    | 247 | 246 | 245 | 367 |
| 246 | 243 | 377 | 378     | 379   | 410    |     |     |     |     |
| 33  |     |     | { ROUTE | 568 } | MODIFY |     |     |     |     |
| 14  | 325 | 364 | 161     | 162   | 163    | 363 | 164 | 165 | 166 |
| 167 | 168 | 169 | 170     | 171   | 172    | 173 | 174 | 175 | 250 |
| 366 | 249 | 248 | 267     | 246   | 245    | 367 | 244 | 243 | 377 |
| 378 | 379 | 410 |         |       |        |     |     |     |     |
| 39  |     |     | { ROUTE | 569 } | MODIFY |     |     |     |     |
| 15  | 202 | 113 | 114     | 115   | 116    | 350 | 117 | 185 | 184 |
| 183 | 352 | 182 | 181     | 353   | 180    | 179 | 355 | 178 | 358 |
| 150 | 357 | 177 | 360     | 176   | 250    | 366 | 249 | 248 | 247 |
| 246 | 245 | 362 | 244     | 243   | 377    | 328 | 329 | 410 |     |
| 13  |     |     | { ROUTE | 570 } | MODIFY |     |     |     |     |
| 16  | 255 | 248 | 247     | 246   | 245    | 367 | 244 | 243 | 377 |
| 378 | 379 | 410 |         |       |        |     |     |     |     |
| 36  |     |     | { ROUTE | 571 } | MODIFY |     |     |     |     |
| 17  | 324 | 365 | 159     | 160   | 364    | 161 | 162 | 163 | 363 |
| 164 | 165 | 166 | 167     | 168   | 169    | 170 | 171 | 172 | 173 |
| 174 | 175 | 250 | 366     | 249   | 248    | 247 | 246 | 245 | 367 |
| 246 | 243 | 377 | 379     | 378   | 410    |     |     |     |     |
| 9   |     |     | { ROUTE | 572 } | MODIFY |     |     |     |     |
| 18  | 253 | 367 | 244     | 243   | 377    | 378 | 379 | 410 |     |

A/C SEPARATIONS (1982 VFR-1)  
1982-VFR-1-SEPARATION-CHANGES-CARRIAGE-TO-ARRIVAL-FOR-SAME-RUNWAY

|            |            |            |            |         |         |
|------------|------------|------------|------------|---------|---------|
| CLASS 1    | NML (S.D.) | NML (S.D.) | CLASS 2    | CLASS 3 | CLASS 4 |
| 3.7 (0.43) | 3.9 (0.40) | 4.9 (0.37) |            |         |         |
| 2.9 (0.43) | 2.8 (0.40) | 3.6 (0.37) |            |         |         |
| 2.9 (0.43) | 2.8 (0.40) | 2.8 (0.37) | 2.6 (0.31) |         |         |
| 2.9 (0.43) | 2.8 (0.40) | 2.8 (0.37) | 2.6 (0.31) |         |         |



|     |     |
|-----|-----|
| 353 | 205 |
| 002 |     |
| 205 | 353 |
| 002 |     |
| 352 | 204 |
| 002 |     |
| 204 | 352 |
| 002 |     |
| 361 | 146 |
| 002 |     |
| 146 | 361 |
| 003 |     |
| 206 | 355 |
| 003 |     |
| 208 | 355 |
| 003 |     |
| 205 | 353 |
| 003 |     |
| 210 | 353 |
| 004 |     |
| 204 | 352 |
| 004 |     |
| 351 | 211 |
| 003 |     |
| 203 | 185 |
| 003 |     |
| 350 | 185 |
| 005 |     |
| 113 | 114 |
| 005 |     |
| 350 | 116 |
| 006 |     |
| 202 | 113 |
| 006 |     |
| 350 | 116 |
| 005 |     |
| 330 | 126 |
| 005 |     |
| 357 | 125 |
| 004 |     |
| 331 | 359 |
| 004 |     |
| 357 | 125 |
| 002 |     |
| 361 | 146 |
| 002 |     |
| 146 | 361 |
| 002 |     |
| 361 | 146 |
| 002 |     |
| 340 | 359 |
| 002 |     |
| 366 | 250 |
| 002 |     |
| 250 | 366 |
| 006 |     |
| 366 | 250 |
| 006 |     |
| 357 | 177 |

A/C SEPARATIONS (1978 VFR-1 SPECIAL SEPARATIONS FOR D/A == 15 NMIL)

1978\_VFR=1 SPECIAL\_D/A SEPARATIONS (RUNWAYS\_24L+6R + 25R+7L)

DEPENDENT RUNWAYS 3-1 \* 4-2

|  | CLASS 1                       | CLASS 2        | CLASS 3        | CLASS 4        |
|--|-------------------------------|----------------|----------------|----------------|
|  | NMI. (S.D.)                   | NMI. (S.D.)    | NMI. (S.D.)    | NMI. (S.D.)    |
| CLASS 1  | 15.0 (0.01)                   | 15.0 (0.01)    | 15.0 (0.01)    | 15.0 (0.01)    |
| CLASS 2  | 15.0 (0.01)                   | 15.0 (0.01)    | 15.0 (0.01)    | 15.0 (0.01)    |
| CLASS 3  | 15.0 (0.01)                   | 15.0 (0.01)    | 15.0 (0.01)    | 15.0 (0.01)    |
| CLASS 4  | 15.0 (0.01)                   | 15.0 (0.01)    | 15.0 (0.01)    | 15.0 (0.01)    |
| 1978_VFR=1 SPECIAL_A/D SEPARATIONS (RUNWAYS_6R+24L AND 7L+25R) |                               |                |                |                |
|  | DEPENDENT RUNWAYS 1-3 AND 2-4 |                |                |                |
|  | CLASS 1                       | CLASS 2        | CLASS 3        | CLASS 4        |
|  | MINUTES (S.D.)                | MINUTES (S.D.) | MINUTES (S.D.) | MINUTES (S.D.) |
| CLASS 1  | 0.88 (0.16)                   | 0.78 (0.19)    | 0.97 (0.23)    | 0.74 (0.09)    |
| CLASS 2  | 0.88 (0.16)                   | 0.78 (0.19)    | 0.97 (0.23)    | 0.74 (0.09)    |
| CLASS 3  | 0.88 (0.16)                   | 0.78 (0.19)    | 0.97 (0.23)    | 0.74 (0.09)    |
| CLASS 4  | 0.88 (0.16)                   | 0.78 (0.19)    | 0.97 (0.23)    | 0.74 (0.09)    |
| FIX TRAVEL TIMES CONFIGURATION "B"                             |                               |                |                |                |
| 1  | 1 1                           | 33.0 180.0     |                |                |
|  | 1 2                           | 33.0 180.0     |                |                |
| 1  | 1 3                           | 36.0 180.0     |                |                |
|  | 1 2                           | 28.5 180.0     |                |                |
| 2  | 1 3                           | 31.5 180.0     |                |                |
|  | 1 4                           | 31.5 180.0     |                |                |
| 2  | 1 1                           | 22.5 192.9     |                |                |
|  | 3 2                           | 22.5 192.9     |                |                |
| 3  | 1 3                           | 22.5 180.0     |                |                |
|  | 1 4                           | 25.5 180.0     |                |                |
| 3  | 1 1                           | 24.0 192.9     |                |                |
|  | 4 2                           | 26.0 192.9     |                |                |
| 4  | 1 3                           | 24.0 180.0     |                |                |
|  | 4 4                           | 26.0 180.0     |                |                |
| 4  | 1 2                           | 22.5 192.9     |                |                |
|  | 5 3                           | 22.5 192.9     |                |                |
| 5  | 1 1                           | 33.0 180.0     |                |                |
|  | 5 2                           | 33.0 180.0     |                |                |
| 5  | 1 2                           | 34.5 197.1     |                |                |
|  | 1 3                           | 34.5 180.0     |                |                |
| 1  | 2 2                           | 21.0 210.0     |                |                |
|  | 3 3                           | 21.0 180.0     |                |                |
| 2  | 2 4                           | 24.0 192.0     |                |                |
|  | 3 4                           | 16.0 180.0     |                |                |
| 3  | 2 4                           | 24.0 192.0     |                |                |
|  | 4 1                           | 18.0 180.0     |                |                |
| 4  | 2 3                           | 24.0 192.0     |                |                |
|  | 5 2                           | 18.0 180.0     |                |                |
| 5  | 2 2                           | 24.0 192.0     |                |                |
|  | 5 3                           | 18.0 180.0     |                |                |
| 5  | 2 4                           | 18.0 180.0     |                |                |
|  | 6 2                           | 18.0 180.0     |                |                |

LAX STAGE 1<sup>a</sup> EXPERIMENT NO. 15 CONFIGURATION B

AUT-EXIT-SELECTION

|                    |      |     |      |
|--------------------|------|-----|------|
| 1                  | 1    | 2   |      |
| 369                | 0.70 | 145 | 0x30 |
| 2                  | 1    | 2   |      |
| 369                | 0.91 | 145 | 0.09 |
| 3                  | 1    | 2   |      |
| 369                | 0.91 | 145 | 0.09 |
| 4                  | 1    | 2   |      |
| 369                | 0.91 | 145 | 0.09 |
| 1                  | 2    | 2   |      |
| 277                | 0.01 | 376 | 0.99 |
| 2                  | 2    | 2   |      |
| 277                | 0.01 | 376 | 0.99 |
| 3                  | 2    | 3   |      |
| 277                | 0.25 | 376 | 0x50 |
| -4                 | 2    | 2   |      |
| 260                | 0.99 | 268 | 0x01 |
| RHY EXIT DISTANCES |      |     |      |
| 12                 |      |     |      |
| 310                | 5630 | 305 | 7050 |
| 282                | 2130 | 286 | 2400 |
| 376                | 6030 | 369 | 6400 |

A/C SEPARATIONS (1982 VFR-1)

1982 VFR-1 SEPARATION CHANGES (ARRIVAL-TO-ARRIVAL FOR SAME RUNWAY)

|            | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|------------|------------|------------|------------|------------|
| NMI (S.O.) |
| CLASS 1    | 3.2 (0.43) | 3.9 (0.40) | 4.9 (0.37) | 4.7 (0.31) |
| CLASS 2    | 2.9 (0.43) | 2.8 (0.40) | 3.6 (0.37) | 3.4 (0.31) |
| CLASS 3    | 2.9 (0.43) | 2.8 (0.40) | 2.8 (0.37) | 2.6 (0.31) |
| CLASS 4    | 2.9 (0.43) | 2.8 (0.40) | 2.8 (0.37) | 2.6 (0.31) |

1978 IFR-1 SEPARATION VALUES FOR DEPARTURE-TO-DEPARTURE

|            | CLASS 1     | CLASS 2     | CLASS 3     | CLASS 4     |
|------------|-------------|-------------|-------------|-------------|
| NMI (S.O.) | NMI (S.O.)  | NMI (S.O.)  | NMI (S.O.)  | NMI (S.O.)  |
| CLASS 1    | 1.64 (0.08) | 2.14 (0.08) | 2.14 (0.08) | 2.14 (0.08) |
| CLASS 2    | 1.16 (0.08) | 1.16 (0.08) | 1.13 (0.08) | 1.13 (0.08) |
| CLASS 3    | 1.13 (0.08) | 1.14 (0.08) | 1.13 (0.08) | 1.13 (0.08) |
| CLASS 4    | 1.13 (0.08) | 1.14 (0.08) | 1.13 (0.08) | 1.13 (0.08) |

1978 IFR-1 SEPARATION VALUES FOR DEPARTURE-TO-ARRIVAL

|            | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|------------|------------|------------|------------|------------|
| NMI (S.O.) |
| CLASS 1    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |
| CLASS 2    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |
| CLASS 3    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |
| CLASS 4    | 2.4 (0.26) | 2.4 (0.25) | 2.4 (0.24) | 2.4 (0.24) |

| 1978 TFR-1 SPECIAL O/A SEPARATIONS (RUNWAYS 24L-6R,7L AND 25R-6R,7L) |             |             |             |
|--|-------------|-------------|-------------|
| DEPENDENT RUNWAYS  |             |             |             |
| CLASS 1  | CLASS 2     | CLASS 3     | CLASS 4     |
| NMI. (S.D.)  | NMI. (S.D.) | NMI. (S.D.) | NMI. (S.D.) |
| 15.0 (0.01)  | 15.0 (0.01) | 15.0 (0.01) | 15.0 (0.01) |
| 15.0 (0.01)  | 15.0 (0.01) | 15.0 (0.01) | 15.0 (0.01) |
| 15.0 (0.01)  | 15.0 (0.01) | 15.0 (0.01) | 15.0 (0.01) |
| 15.0 (0.01)  | 15.0 (0.01) | 15.0 (0.01) | 15.0 (0.01) |
| 15.0 (0.01)  | 15.0 (0.01) | 15.0 (0.01) | 15.0 (0.01) |

LAX STAGE 1—EXPERIMENT NO. 10A CONFIGURATION B

ADD THESE TAXIWAY LINKS TO SPEC-LNK

| TAXIWAY LINKS |
|---------------|
| 19 1 .01 7    |
| 20 1 .01 7    |
| 21 1 .01 7    |
| 22 1 .01 7    |
| 270 300.0 4   |
| 273 1150.0 4  |
| 377 0.1 7     |
| 378 500.0 4   |
| 379 1000.0 6  |
| 380 0.2 2     |
| 381 480.0 4   |
| 382 500.0 4   |
| 383 480.0 4   |
| 384 300.0 2   |
| 385 300.0 3   |
| 386 0.2 7     |
| 387 300.0 3   |

DATE:  
TIME: