



ANEXO A4

ESTUDIO SIMMOD

A4.1. ANTECEDENTES Y RESUMEN

El presente documento tiene por objeto estudiar y analizar mediante el programa de simulación de la F.A.A., SIMMOD, la capacidad del Aeropuerto de Tenerife Norte en su configuración actual de campo de vuelos y espacio aéreo.

El programa SIMMOD es un modelo de simulación conjunta del espacio aéreo y campo de vuelos de un aeropuerto, que constituye una valiosa herramienta para el análisis del tráfico aéreo en ruta, en el área terminal y para las operaciones en tierra.

SIMMOD considera tanto los aspectos de diseño como los de procedimientos de las operaciones y produce medidas de la capacidad del aeropuerto, tiempos de viaje de las aeronaves y retrasos, tanto absolutos como medios, por tipo de operación y tramo de recorrido.

El programa simula de forma realista, el movimiento de todas las aeronaves correspondientes a una programación de vuelos determinada, paso a paso, resolviendo los posibles conflictos y proporcionando tiempos a lo largo de las rutas, calles o en plataforma.

Proporciona como salidas, informes detallados que permiten analizar retrasos, tanto en el espacio aéreo como en los movimientos de las aeronaves en tierra, en las colas de despegue o en estacionamientos. Además, permite la observación de la simulación a través de una representación gráfica animada.

Una vez que se ha establecido el escenario estándar, basados en datos sobre las operaciones propuestas o existentes, es posible modificar los datos de entrada para desarrollar y evaluar nuevas alternativas.

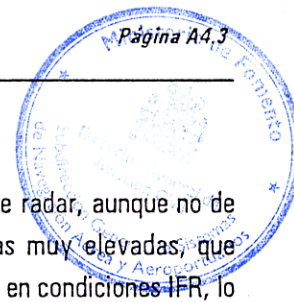
Con el estudio se trata de obtener la Capacidad Total o de Saturación del Sistema, concepto que se aplicará para la obtención de la Capacidad en Hora Punta, definiéndose ésta como el número máximo de operaciones de aeronaves que el sistema puede aceptar en una hora cuando existe una demanda continuada del servicio, con un límite de demora media por llegada o salida no superior a diez minutos.

Los valores de capacidad obtenidos son:

Capacidad Total:

- Balanceada: 18 operaciones hora (9 salidas y 9 llegadas)
- No-Balanceada 21 operaciones hora (12 salidas y 9 llegadas)





El control del tráfico aéreo en el Aeropuerto de Tenerife Norte se lleva a cabo mediante radar, aunque no de aproximación, lo que conlleva procedimientos que imponen separaciones entre llegadas muy elevadas, que restringe el flujo de las mismas. Además SIMMOD sólo considera operaciones realizadas en condiciones IFR, lo que no permite contar con las ventajas que conlleva el vuelo visual, siendo la capacidad obtenida siguiendo los procedimientos instrumentales definidos en el aeropuerto.

A4.2. INTRODUCCIÓN

Para la elaboración del presente estudio se han seguido los pasos siguientes:

- Construcción del modelo del Aeropuerto de Tenerife Norte, mediante el programa SIMMOD.
- Evaluación de la capacidad del aeropuerto.

La construcción del modelo de una configuración determinada mediante el programa SIMMOD, supone la creación de los ficheros del campo de vuelos y espacio aéreo, que contienen los datos que caracterizan tanto las configuraciones físicas como de carácter operativo de los mismos. El tercer fichero necesario como input para el programa, contiene una programación de vuelos que se considera como representativa del tráfico actual.

Con el estudio se trata de obtener la capacidad total, definiéndose ésta como el número máximo de operaciones de aeronaves que el sistema puede aceptar en una hora cuando existe una demanda continuada del servicio en correspondencia con un nivel tolerable de demora media, concepto que se aplicará para la obtención de la capacidad en hora punta.

Para la determinación de la misma, el objetivo del estudio es el de obtener los retrasos que se producen tanto en las operaciones de llegadas como en las de salidas, cuando el modelo que ha sido elaborado y validado, es sometido a diferentes incrementos de tráfico.

Del análisis de estos retrasos y fijados los criterios que establezcan los valores que se considerarán como límites para esas demoras, se deducirá la capacidad horaria del aeropuerto.

A4.3. MODELIZACIÓN DEL AEROPUERTO

A4.3.1. Campo de Vuelos

Como puede verse en el Gráfico A4.1, que representa la modelización del campo de vuelos existente, se han considerado el sistema actual de calles de rodaje y la pista existente, la 12-30.

Los puestos de estacionamiento se representan en el SIMMOD como puertas que están definidos como nodos en el Campo de Vuelos, cada una de estas puertas pueden representar un conjunto de estacionamientos con unas características o posiciones muy similares.

En cuanto a la plataforma, como puede verse en el Gráfico A4.II, se ha modelizado con un total de 15 puertas individuales y una múltiple correspondiente al aero club, que se distribuyen como se expresa en el siguiente cuadro:

Cuadro A4.I

ESTACIONAMIENTOS SIMULADOS

AERONAVE TIPO	Nº DE PLAZAS	DENOMINACIÓN
ATR-72	5 Puertas	01, 02, 03, 04, 05
MD-80	4 Puertas	06, 07, 08, 09
B-767	4 Puertas	10,11, 12, 13
B-737	1 Puertas	14
DC-8	1 Puertas	15
AVIACIÓN GENERAL	1 Puerta con capacidad para 14 aeronaves	AVG

FUENTE: Elaboración propia sobre datos del aeropuerto

Se modelizaron las asignaciones a las distintas puertas según tamaño de aeronave para la que esta diseñada y que vienen publicados en el A.I.P.

Puesto que no existe más que una pista de utilización mixta, la cola de despegues se situó en un nudo de la calle de rodaje de acceso a la cabecera 30, lo suficientemente alejado del umbral para no interferir en los aterrizajes, es decir en su punto de espera en rodaje. La posición de la cola de despegues pueden verse en el Gráfico A4.I.

Los tiempos de permanencia en plataforma simulados, son valores medios elaborados a partir de la programación de vuelos proporcionada por el aeropuerto, en la que se refleja la hora real de puesta y retirada de calzos de cada vuelo, son los recogidos en el Cuadro A4.II y están incluidos en el módulo TAMPS del fichero de campo de vuelos recogidos en el APÉNDICE B al final del estudio.



Cuadro A4.II

TIEMPO DE ESTANCIA EN PLATAFORMA POR TIPO DE AERONAVE

TIPO DE AVIÓN	AERONAVE TIPO	TIEMPO MEDIO (min)
GA	BEC58P	100
SML	ATR 72, BAE-ATP	50
LRG	B737, B757	55
HVY	B767, A300	70
LRG HVY	DC8	400

FUENTE: Elaboración propia sobre datos del aeropuerto

El módulo TAMPS incluye también las distribuciones, para cada tipo de aeronave, de longitudes de despegue y aterrizaje modelizadas. En concreto las longitudes de aterrizaje tratan de reflejar las frecuencias de utilización de las distintas calles de salida de la pista proporcionadas por la Torre de Control, con un 80% de salidas de pista por la rodadura C2 y el 20% restante por la C1 o C3.

No se ha establecido lo que el programa denomina "TAXIPATH", es decir trayectorias que el avión debe seguir desde que aterriza hasta que llega a su puesto de estacionamiento o desde que sale del mismo hasta la cola de despegue.

Esto significa que cuando se produce una llegada y es asignada una puerta a esa aeronave, bien explícitamente en el fichero de programación de vuelos o bien aleatoriamente por el programa, el camino que llevará el avión hasta el puesto que le corresponda, será obtenido mediante una subrutina de optimización del programa SIMMOD y lo mismo sucederá en las salidas, desde el puesto en que esté la aeronave hasta la pista en que esté programado su despegue.

Para la elaboración de esta trayectoria óptima, el programa tendrá en cuenta las posibles restricciones de las calles en cuanto a sentidos de utilización que se hayan impuesto, y para la asignación de puestos, las restricciones en cuanto a categoría de avión definidas para cada puesto y las asignaciones de los mismos a diferentes compañías.



Gráfico A4.1

MODELIZACIÓN DEL CAMPO DE VUELOS EXISTENTE

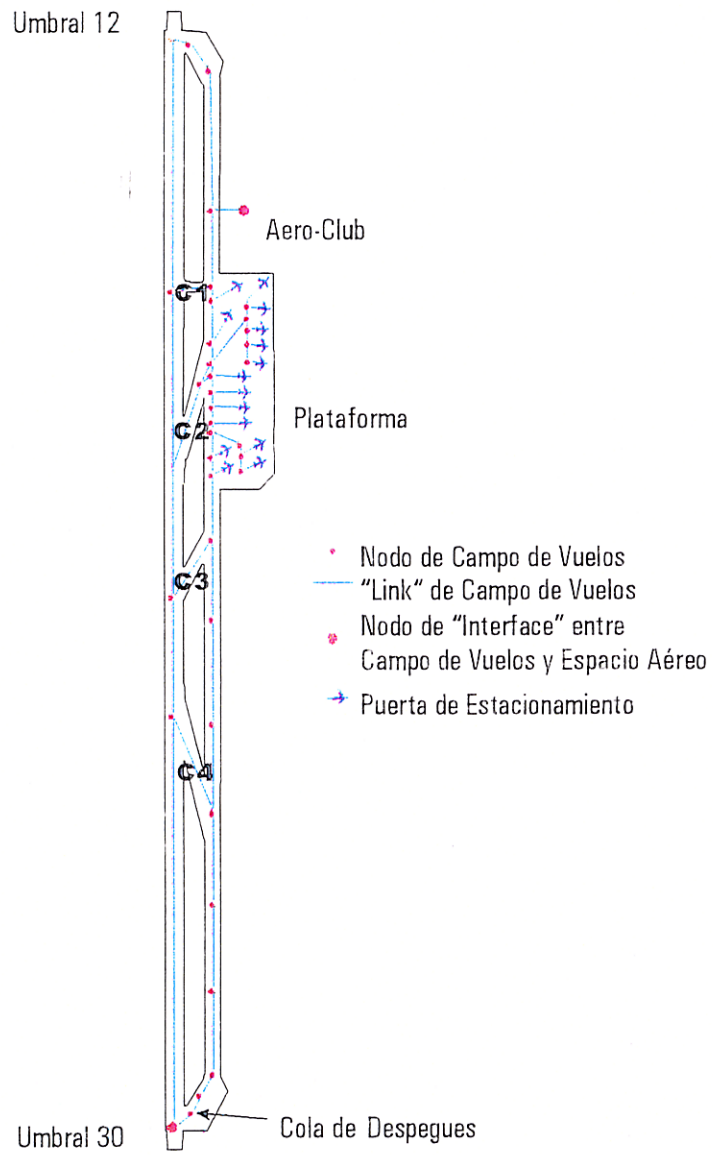
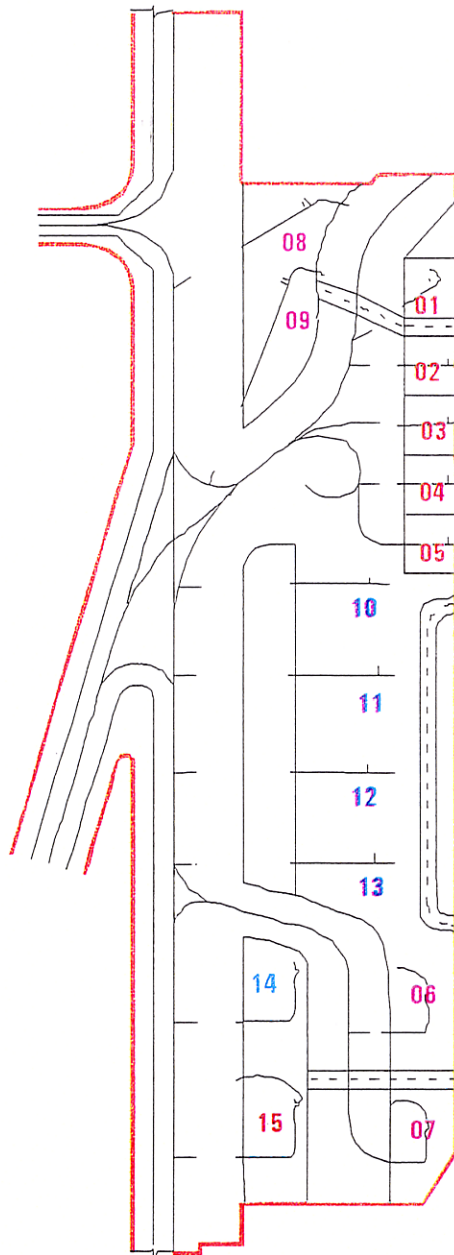


Gráfico A4.II

MODELIZACIÓN DE LA PLATAFORMA EXISTENTE Y TIPO DE AERONAVE POR PUESTO



ATR-72 (01-05)

A320 (06-09)

B767 (10-13)

B737 (14)

DC-8 (15)



A4.3.2. Espacio Aéreo

El espacio aéreo modelizado como puede verse en el Gráfico A4.III comprende la parte del TMA de Canarias que afecta al Aeropuerto de Tenerife Norte, es decir las rutas de entrada y salida al aeropuerto contenidas dentro del TMA.

Hay que destacar que se ha considerado solamente configuración oeste por lo que el espacio aéreo modelizado refleja únicamente este flujo, es decir entradas y salidas de la pista 30, cabecera que se utiliza en el 90% de las operaciones y dotada de un sistema de aterrizaje de precisión ILS.

Se consideran un total de 18 rutas, 8 de llegada y 10 de salida.

Los puntos de inicio de las diferentes rutas de llegada al Aeropuerto de Tenerife Norte son: TERTO, SAMAR, KONBA, ORTIS, LANZA, y desde los Aeródromos de LA PALMA, HIERRO Y GRAN CANARIA, y los puntos de salida modelizados son: BINBO, KONBA, SAMAR, VASTO, KORAL, ARACO, y con destino a los Aeródromos de LANZAROTE, FUERTEVENTURA, GRAN CANARIA y HIERRO, pero no se consideraron vuelos entrando o saliendo por todos esos puntos.

Para manejar el posible cruce de flujos por aquellos puntos que son de entrada y salida al mismo tiempo, se introducen separaciones en altura, por lo que los niveles de vuelo en los nudos de las rutas han sido asignados de acuerdo con esa filosofía.

La simulación mediante el modelo SIMMOD, para reflejar un comportamiento más real, permite introducir ciertas variables como valores aleatorios de una distribución. De esta manera y en el caso del espacio aéreo, son tratadas variables como las velocidades en los diferentes tramos de las rutas. Para estas, las distribuciones que se han simulado pueden verse en el módulo AIRCRAFT del fichero del espacio aéreo contenido en el APÉNDICE B adjunto. Dicho módulo da nueve gamas de velocidades diferentes, variando cada gama entre tres valores: máximo, nominal y mínimo. A cada tramo de las rutas modelizadas, se le asigna una de estas gamas, pasando de los valores mayores, entre IAS 280-300 Kts de velocidad en ruta para reactores, 250 Kts para turbohélices, a los menores, IAS entre 150-140 Kts de velocidad de aterrizaje o despegue para reactores y 130-100 Kts para turbohélices.

La clasificación de las aeronaves que se ha adoptado, agrupadas a efectos de peso, tamaño, velocidades y capacidad de generación y absorción de estela turbulenta, viene expresada en el Cuadro A4.III. La lista completa de aeronaves por categoría se encuentra en el APÉNDICE A de este anexo.



Cuadro A4.III

CLASIFICACIÓN DE AERONAVES ESPACIO AÉREO

CLASE DE AVIÓN	MTOW (Kg)	AERONAVES TIPO
GA	< 4.500	Piper PA-28, BEC 58P
SML	4.500-45.000	HS748A, BAE146
LRG	45.000-136.000	B737, MD-83
HVY	> 136.000	B-767, A-300, B757 (Gran estela turbulenta. No por peso)

FUENTE: Elaboración propia sobre manual SIMMOD

a) Procedimientos Interoperacionales

Las separaciones impuestas entre las distintas operaciones que se realizan son datos determinantes a la hora de obtener la capacidad del aeropuerto, y dependen del tipo de control que se realice y de los medios de los que disponga el aeropuerto.

En la actualidad en el Aeropuerto de Tenerife Norte se lleva a cabo un control de aproximación radar, aunque no de precisión, estableciéndose una separación entre dos aterrizajes consecutivos de 10 NM.

Los procedimientos también condicionan que no se permita un despegue si una aeronave se encuentra sobre el NDB TX en su fase de aproximación final, situado a 4 NM del Umbral 30 de la pista, y hasta que la aeronave precedente abandona la pista.

Las separaciones entre dos despegues consecutivos va a variar según el tipo de aeronave que va a despegar y la precedente, y puede observarse en el Cuadro A4.IV.

Cuadro A4.IV

SEPARACIONES ENTRE DESPEGUES

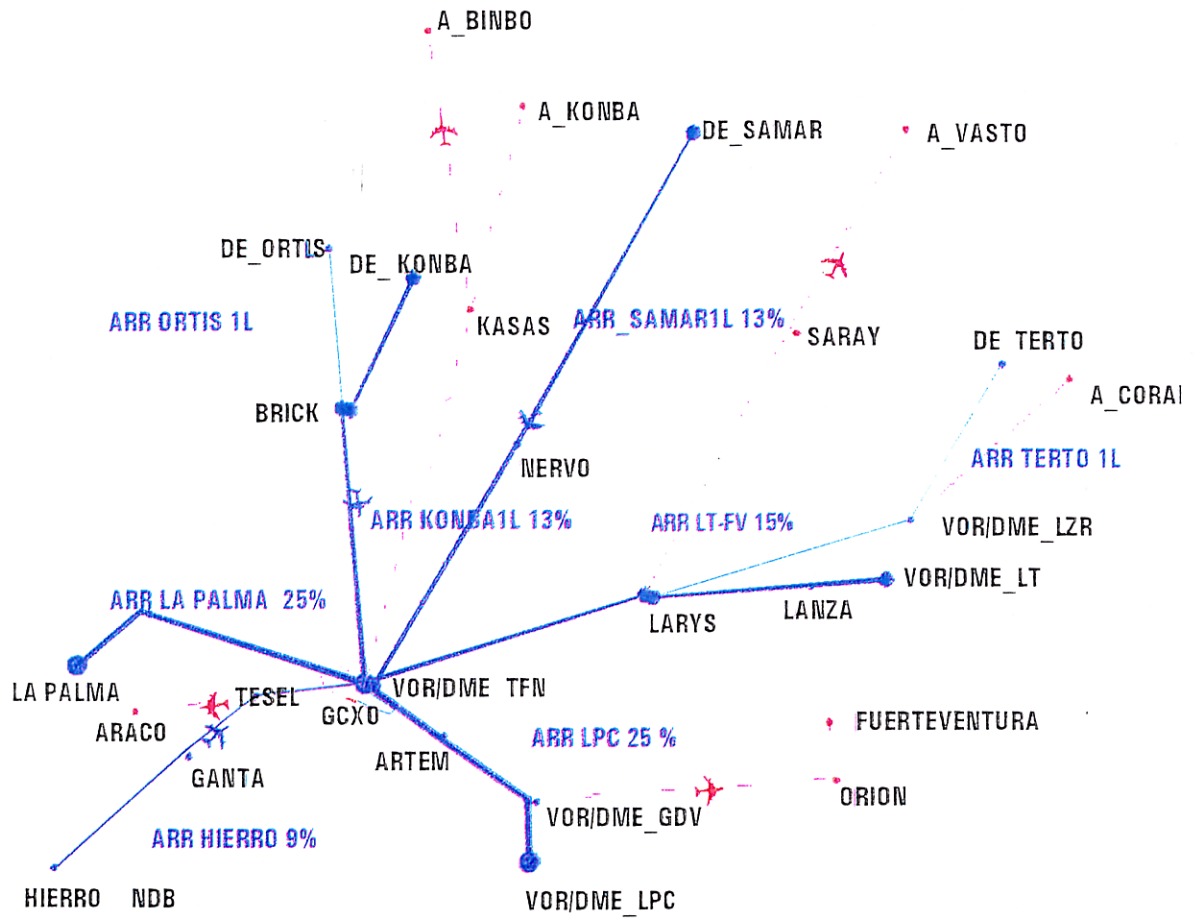
DESPEGUE EN PROCESO PISTA 30	SIGUIENTE DESPEGUE PISTA 30		
	GA/SML	LRG	HVY
GA/SML	120	120	120
LRG	120	120	120
HVY	180	180	180

FUENTE: Elaboración propia sobre datos del aeropuerto



Gráfico A4.III

MODELIZACIÓN DEL ESPACIO AÉREO EN EL ENTORNO DEL AEROPUERTO DE TENERIFE NORTE



c) Eventos

Para la simulación de un aeropuerto, es necesaria, una vez que se han elaborado los ficheros con los datos que caracterizan el campo de vuelos y el espacio aéreo del mismo, la creación del llamado fichero de eventos. En dicho fichero se representa una programación de vuelos que es objeto del estudio.

Se realizarán diferentes programaciones de vuelos con una demanda sostenida de aterrizajes y despegues en un periodo determinado mínimo de 10 horas, con un aumento progresivo para cada una de las programaciones, del número de movimientos en los periodos de demanda constante.

Estas programaciones de vuelos se elaboran basándose en el análisis estadístico de la situación actual. En primer lugar se realiza un análisis global del año para identificar el mes punta de movimientos de aeronaves, siendo en este caso para el año 1998 el mes de más tráfico agosto, y posteriormente se elige el que se considera como día más representativo de demanda para el aeropuerto, se ha tomado como día representativo el día 25, correspondiente a un martes y donde se alcanzó la punta de movimientos del mes.

Los datos estadísticos que se extraen de este día para la generación de las distintas programaciones son los siguientes:

- Distribución por modelo de aeronave, Cuadro A4.V
- Tiempos medios de estancia en plataforma para cada modelo de aeronave, Cuadro A4.II.
- Distribución de las operaciones de llegada y salida por rutas correspondientes, Gráfico A4.IV y Gráfico A4.V , respectivamente.

En estas tablas se puede observar como el mayor porcentaje de movimientos que se registran en este aeropuerto son vuelos con las distintas islas que forman el archipiélago canario, y realizándose con aeronaves tipo C pequeñas como son el ATR72 o BAE-ATP. Para las simulaciones se ha utilizado como modelo sustitutivo el HS748A, con tamaño y actuaciones muy similares a esos modelos.



Cuadro A4.V

DISTRIBUCIÓN POR MODELO DE AERONAVE

TIPO DE AVIÓN SIMMOD	TOTAL
HS748A	64 %
BEC58P	9 %
MD-83	7 %
737-300	6 %
757PW	4 %
DC8-60	4 %
727-200	4 %
A300	2 %

FUENTE: Elaboración propia sobre datos del aeropuerto





Gráfico A4.IV

DISTRIBUCIÓN POR RUTAS DE LLEGADA

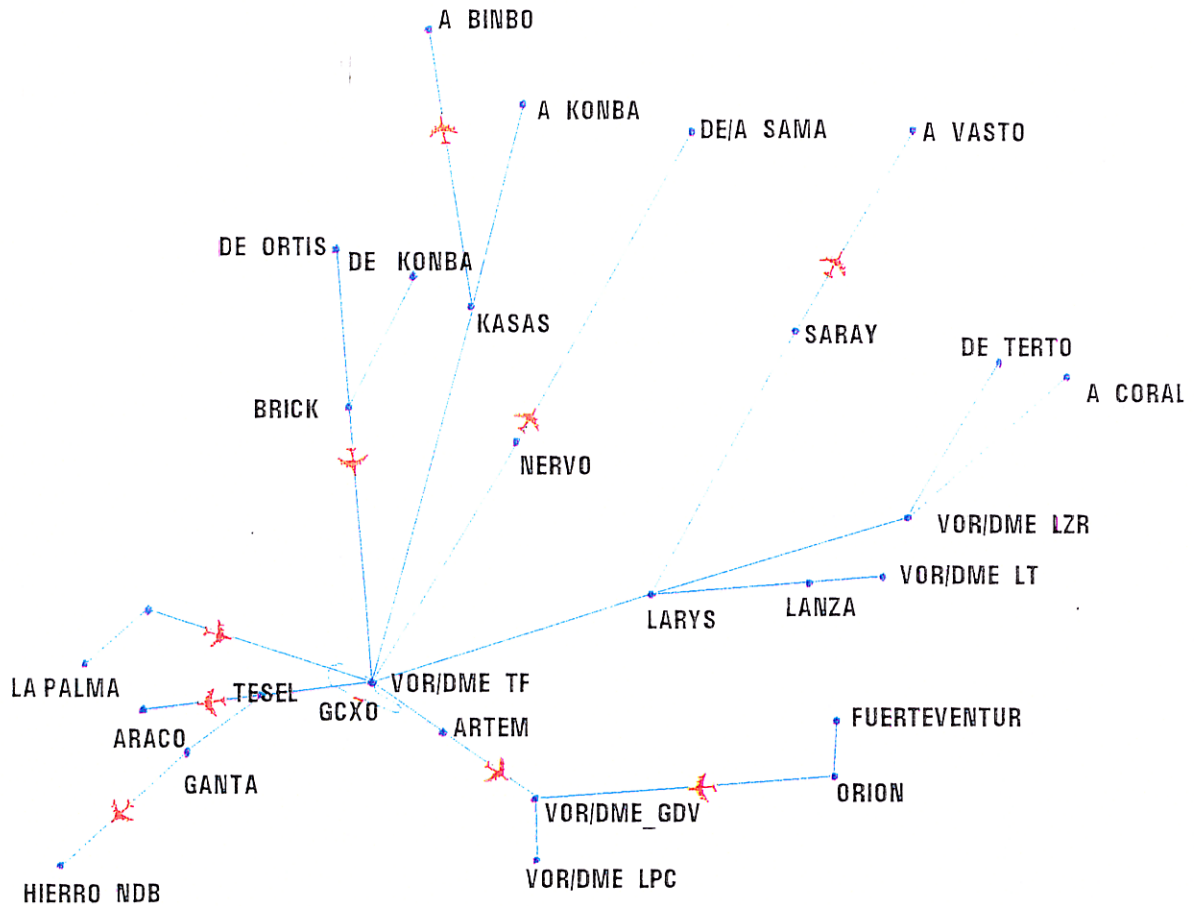
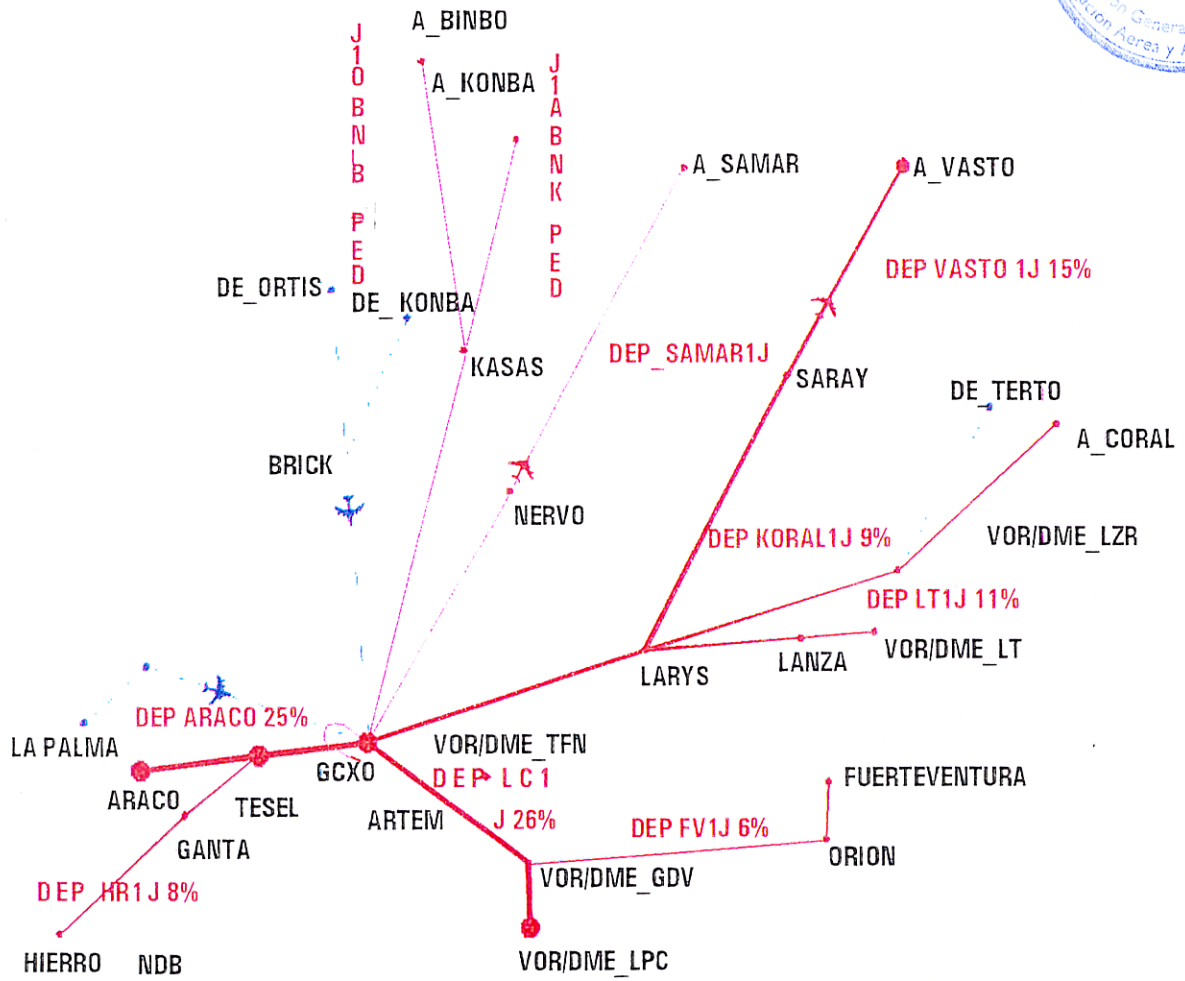
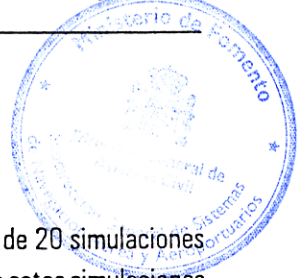


Gráfico A4.V

DISTRIBUCIÓN POR RUTAS DE SALIDA .





A4.4. ANÁLISIS DE LOS RESULTADOS OBTENIDOS

Para la obtención de los distintos valores de capacidad en estudio, se llevó a cabo un total de 20 simulaciones con niveles de tráfico distintos, realizándose 10 iteraciones para cada una de ellas. A partir de estas simulaciones SIMMOD genera informes de salida donde se presentan los resultados de forma tabular, sobre estadísticas de tiempos de viaje y retrasos, flujos de llegada y salida, datos sobre longitud de cola de las salidas, etc.

Los resultados obtenidos en cada simulación para cada intensidad de tráfico están recogidas en el APÉNDICE C adjunto al informe.

Una vez obtenidos los resultados de la simulación, los elementos que se analizan son:

- Valor Máximo de operaciones/hora.
- Valor Medio de operaciones/hora en el periodo de demanda constante.
- Demoras medias en llegadas: distinguiendo entre aire, tierra y puerta.
- Demoras medias en llegadas: distinguiendo entre tierra y cola de despegues.
- Tiempos medios de rodaje para llegadas y salidas.

En el Gráfico A4.VI y en el Gráfico A4.VII, respectivamente para salidas y llegadas, se puede observar la evolución de los retrasos horarios medios frente al número medio de operaciones hora para cada simulación, y los valores de capacidad obtenidos en cada caso. También se presentan y correspondiendo al retraso medio calculado, el número de operaciones máximas para cada una de las simulaciones.

A4.4.1. Determinación de la capacidad total

El objetivo del estudio es la determinación de los retrasos que se producen en el Aeropuerto de Tenerife Norte a medida que se incrementa el número de operaciones que se efectúan en el mismo.

En este subapartado se procede a determinar la llamada capacidad total del sistema, concepto que se aplicará para la obtención de la capacidad en hora punta. Esta última se define como el número máximo de operaciones de aeronaves que es capaz de procesar el sistema cuando existe la condición de demanda continuada de servicio, es decir, que hay constantemente aeronaves en disposición de despegar o aterrizar, correspondiendo a un nivel aceptable de demora.

La eficiencia de las estructuras del campo de vuelos-espacio aéreo de un aeropuerto generalmente es medida en términos de retraso por operación, es decir valores medios de retraso por aeronave, por llegada o por salida.



El modelo SIMMOD cuantifica los retrasos como acumulación del tiempo durante el que es necesario disminuir la velocidad de una aeronave, el avión es vectorizado o debe esperar en tierra o en el aire.

Si en una simulación hubiera una sola aeronave, esta se movería a lo largo de su camino a su velocidad nominal con retraso nulo.

Cuando existan en la simulación varias aeronaves, alguna de ellas deberá, en el aire, y para mantener las separaciones impuestas entre aviones consecutivos, ser vectorizada o puesta en espera etc. En tierra los retrasos como tiempo en el que el avión permanece parado, se deben a interferencias en el uso de calles de rodaje, puertas y pistas.

Otros retrasos, como los debidos a fallos mecánicos, de control de flujo en los aeropuertos de destino, en las llegadas de pasajeros etc. no están incluidos en el estudio.

Para analizar los resultados obtenidos se establece como criterio para valorar la capacidad, aceptar como valor máximo para el retraso medio por operación, el tiempo de 10 minutos. Este criterio es el comúnmente empleado en anteriores estudios SIMMOD.

De los resultados de las distintas simulaciones, y que aparecen en el Gráfico A4.VI se puede observar que el sistema no es capaz de absorber más de 9 llegadas a la hora, sin superar el retraso medio de 10 minutos, creciendo exponencialmente el retraso medio si se intenta incrementar este número de operaciones, por tanto la capacidad máxima, para operaciones equilibradas sería **18 operaciones hora.**

La capacidad de despegues horarios, con un retraso medio de 10 minutos y manteniendo la demanda continua de aterrizajes, es de 12 despegues lo que nos llevaría a una capacidad máxima no-balanceada de **21 operaciones-hora.**

Los retrasos en las llegadas se producen fundamentalmente en el aire, y en menor cantidad en espera de puesto de estacionamiento, siendo casi nulas las demoras producidas durante el rodaje de las aeronaves, Gráfico A4.VIII.

Para las salidas estas alcanzan el retraso medio tolerable con 12 operaciones, repartiéndose los retrasos entre la cola de despegues y el rodaje hacia la misma cabecera, Gráfico A4.IX.

El estudio SIMMOD identifica un factor fundamental como elemento restrictivo de la capacidad del sistema, y es los procedimientos establecidos, derivados del tipo de control de aproximación que se emplea en la actualidad. Las separaciones entre si de dos aterrizajes de 10 millas náuticas que impone este tipo de control conlleva una restricción muy importante de la capacidad que se puede esperar de una pista, con la implantación de sistemas de control radar de aproximación de precisión, las distancias entre operaciones podrían disminuirse sensiblemente, e incrementaría la capacidad de la pista, pudiéndose alcanzar hasta valores de **35/40 operaciones por hora.**



Gráfico A4.VI

RETRASOS MEDIOS POR LLEGADAS

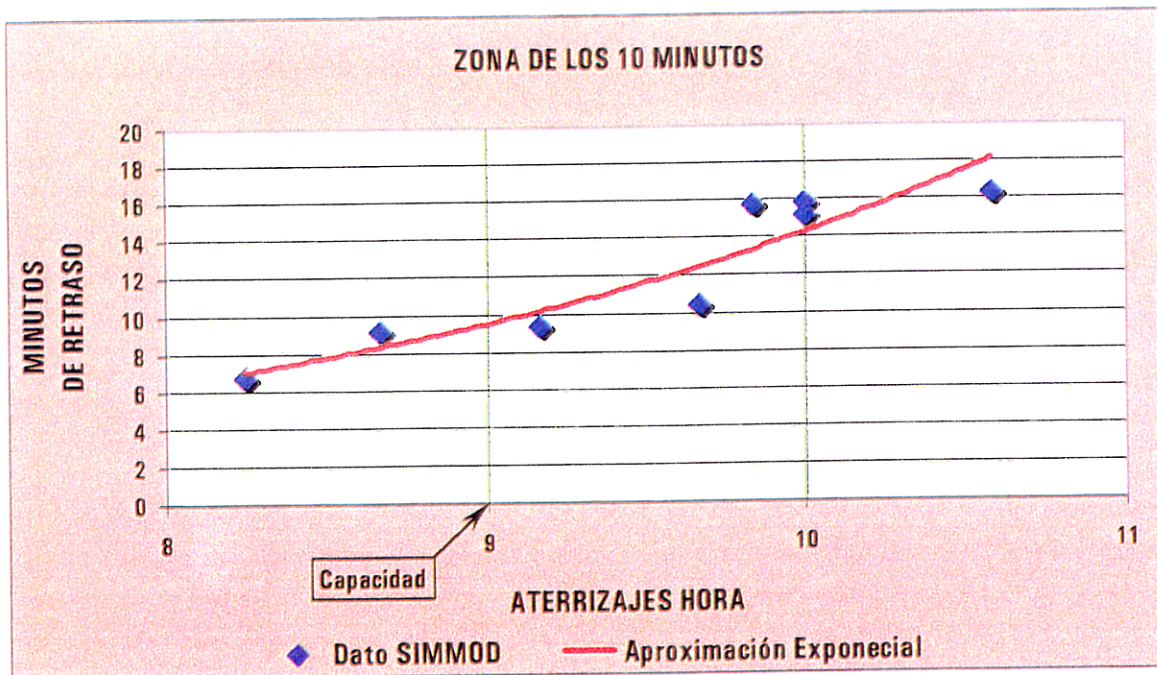
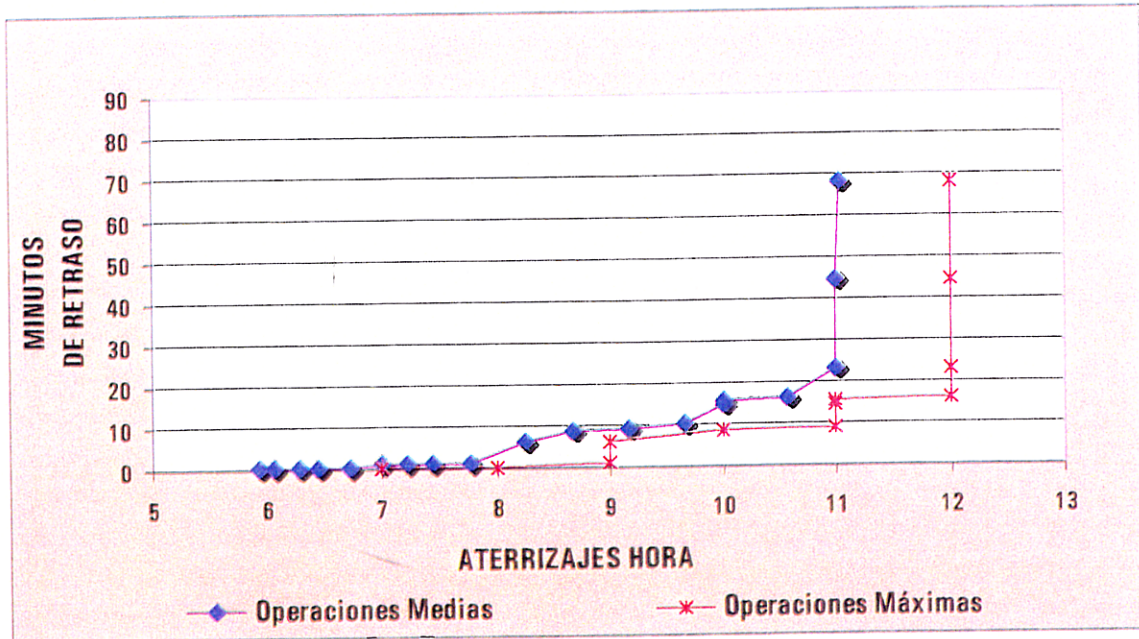




Gráfico A4.VII

RETRASOS MEDIOS POR DESPEGUES

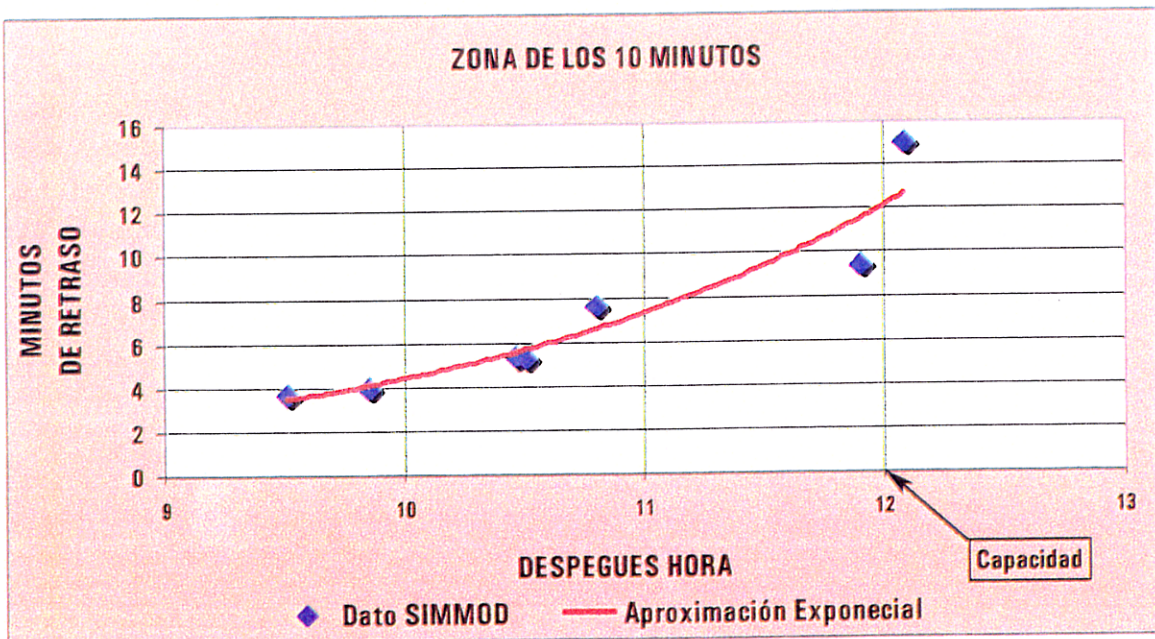
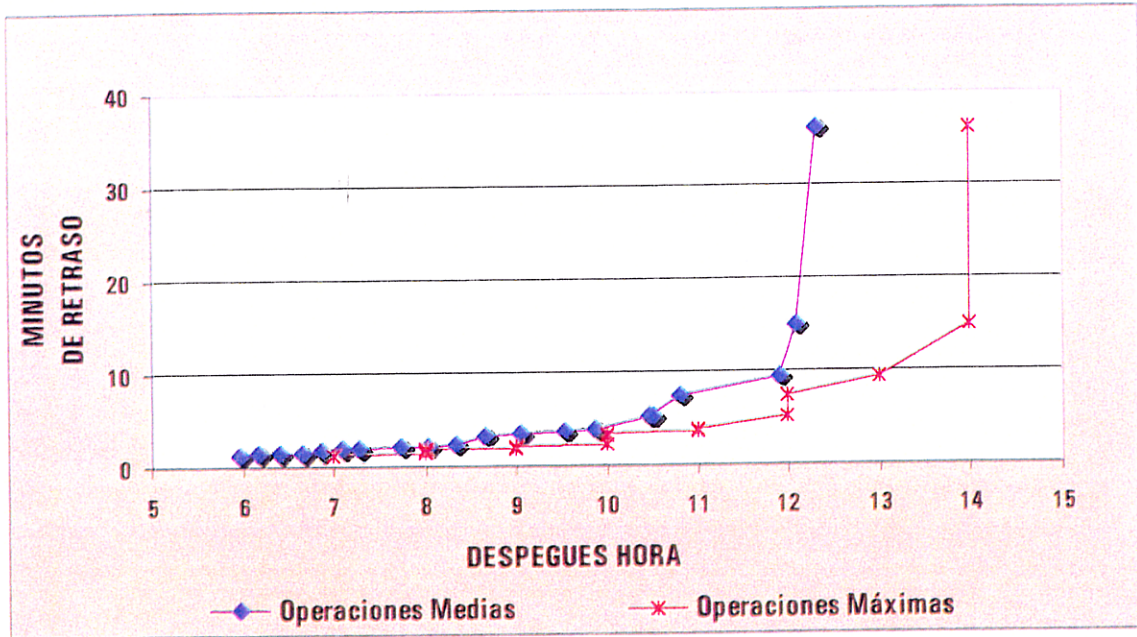


Gráfico A4.VIII

DISTRIBUCIÓN DE RETRASOS EN ATERRIZAJES

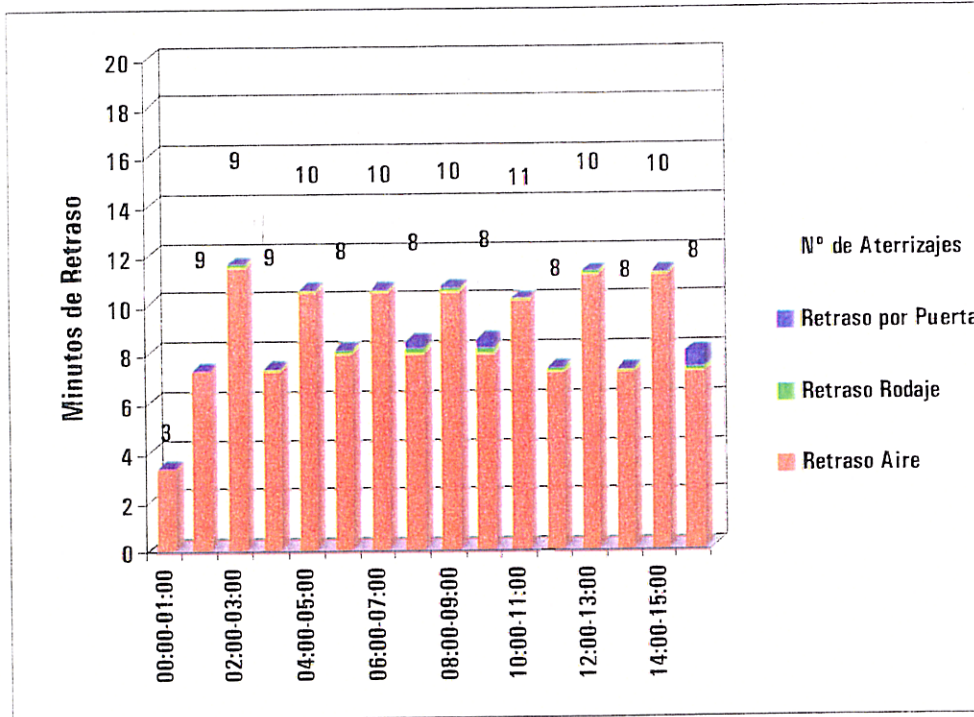
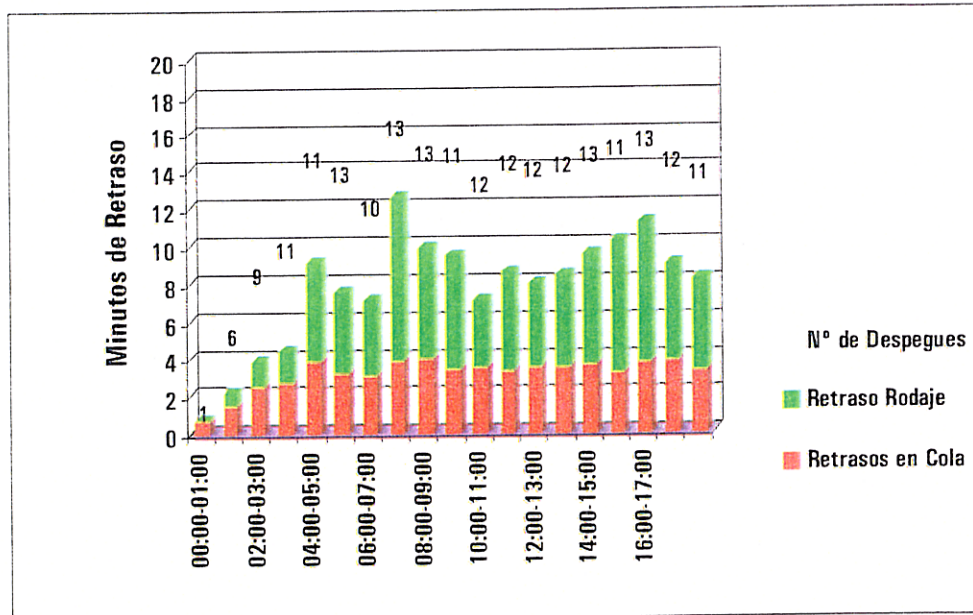


Gráfico A4.IX

DISTRIBUCIÓN DE RETRASOS EN DESPEGUES





APÉNDICES



APÉNDICE A

GRUPOS DE AERONAVES AIRE

GRUPO 1: HVY

1	747100	B747-100/JT9DBD
2	747200	B747-200/JT9DFL
3	747100	B747-100QN/JT9DFL
4	747SP	B747SP/JT9DFL
5	74720B	B747-200B/JT9D-7Q
9	707320	B707-320B/JT3D-7
10	DC860	DC-8-60/JT3D-7
14	DC870	DC-8-70/CFM-56-2
16	707QN	B707-320B/JT3D-7QN
17	DC8QN	DC-8-60/JT3D-7QN
18	CONCRD	CONCORDE/OLY593
19	DC1010	DC-10-10/CF6-6D
20	DC1030	DC-10-30/CF6-50C2
21	DC1040	DC-10-40/JT9D-20
22	L1011	L-1011/RD211-22B
23	L10115	L-1011-500/RB211-524
31	A300	A300/CF6-50C
32	767CF6	B767-200/CF6-80A
33	767JT9	B767-200/JT9D-7
51	757RR	B757/RR
52	757PW	B757/PW2037



GRUPO 2: LRG

6	DC820	DC-8-20/JT4A
7	707	B707-120/JT3C
8	720	B720/JT3C
10	707120	B707-120B/JT3D-3
11	720B	B720B/JT3D-3
12	DC850	DC-8-50/JT3D-3
15	BAE146	BAE
24	727200	B727-200/JT8D-7
25	727100	B727-100/JT8D-7
26	727D15	B727-200/JT8D-15
27	727Q9	B727-200/JT8D-9QN
28	727Q7	B727-100/JT8D-7QN
29	727Q15	B727-200/JT8D-15QN
30	727D17	B727-200/JT8D-17
34	A310	A310/CF6-80A
35	737300	B737-300/CFM56-3-B1
36	7373B2	B737-300/CFM56-3-B2
40	DC930	DC-9-30/JT8D-9
42	737	B737/JT8D-9
43	DC9Q9	DC-9-30/JT8D-9QN
45	737QN	B737/JT8D-9QN
46	DC950	DC-9-50/JT8D-17
47	737D17	B737/JT8D-17
48	MD81	MD-81/JT8D-209
49	MD82	MD-82/JT8D-217A
50	MD83	MD-83/JT8D-219
63	L188	LOCKHEED
70	DC6	DC-6/R2800
78	KC135	KC-135A/J57
81	C130	HERCULES/T56A15



GRUPO 3: SML

37	BAC111	BAC111/SPEY512
38	F28MK2	F28
39	F28MK4	F28
41	DC910	DC-9-10/JT8D-7
44	DC907	DC-9-10/JT8D-7QN
53	COMJET	COMPOSITE
54	LEAR35	GATES
55	LEAR25	GATES
56	SABR80	N.A.
57	CNA500	CESSNA
58	CL600	CHALLENGER
59	GIIB	GULFSTREAM
61	CL601	CHALLENGER
62	IA1125	IAI
64	DHC8	DHC-8/PW120
65	DHC7	DHC-7/PT6A-50
66	CVR580	CONVAIR/501D13
67	HS748A	BAE
68	SD330	SHORTS
69	DHC6	DHC-6/PT6A-27
71	DC3	DC-3/R2800
72	SF340	SAAB



GRUPO 4: GA

60	MU3001	MITSUBISHI
73	CNA441	CESSNA
74	GASEPV	GA
75	GASEPF	GA
76	BEC58P	BEECH
77	COMSEP	COMP.
79	F4C	F-4C,C,E,F/J79
80	A7D	A7D/TF41





APÉNDICE B

FICHEROS DE CAMPO DE VUELOS, ESPACIO AÉREO Y EVENTOS

FICHERO DE CAMPO DE VUELOS

COMMENT CENTER LL -15.279754 29.444267

PRINT 0

AFNODES In this run, 56 is the largest node number.

TFN 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51
52 53 54 55 56

PRINT 0

COORDINATES In this run there are 56 nodes having coordinates.

1 -16.357763 28.488035 TFN TFN_1
2 -16.325457 28.477831 TFN TFN_2
3 -16.326305 28.478666 TFN TFN_3
4 -16.334017 28.481274 TFN TFN_4
5 -16.337746 28.481379 TFN TFN_5
6 -16.341045 28.482477 TFN TFN_6
7 -16.344994 28.483807 TFN TFN_7
8 -16.342354 28.484005 TFN TFN_8
9 -16.347870 28.485823 TFN TFN_9
10 -16.356276 28.488590 TFN TFN_10
11 -16.357347 28.488373 TFN TFN_11
12 -16.349880 28.486511 TFN TFN_12
13 -16.350292 28.485600 TFN TFN_13
14 -16.346312 28.485325 TFN TFN_14
15 -16.345863 28.485159 TFN TFN_15
16 -16.346773 28.485472 TFN TFN_16
17 -16.352095 28.487284 TFN TFN_17
18 -16.351702 28.488012 TFN TFN_18
19 -16.325314 28.477272 TFN TFN_19
20 -16.345547 28.485062 TFN TFN_20
21 -16.347095 28.485287 TFN TFN_21
22 -16.347219 28.485609 TFN TFN_22
23 -16.348186 28.485931 TFN TFN_23
24 -16.349442 28.486351 TFN TFN_24
25 -16.348965 28.487181 TFN TFN_25
26 -16.348749 28.487112 TFN TFN_26
27 -16.348433 28.487005 TFN TFN_27
28 -16.347191 28.486567 TFN TFN_28
29 -16.346296 28.486273 TFN TFN_29
30 -16.346714 28.486389 TFN TFN_30
31 -16.346916 28.486946 TFN TFN_31
32 -16.347422 28.487112 TFN TFN_32
33 -16.348490 28.487543 TFN TFN_33
34 -16.349297 28.487844 TFN TFN_34
35 -16.348764 28.486536 TFN TFN_35





36 -16.349527 28.487122 TFN TFN_36
 37 -16.347507 28.485706 TFN TFN_37
 38 -16.343973 28.485365 TFN TFN_38
 39 -16.343973 28.485931 TFN TFN_39
 40 -16.344782 28.485609 TFN TFN_40
 41 -16.345835 28.486097 TFN TFN_41
 42 -16.347681 28.486742 TFN TFN_42
 43 -16.348143 28.486917 TFN TFN_43
 44 -16.347912 28.487289 TFN TFN_44
 45 -16.345345 28.485979 TFN TFN_45
 46 -16.344810 28.484818 TFN TFN_46
 47 -16.344248 28.484632 TFN TFN_47
 48 -16.344810 28.485277 TFN TFN_48
 49 -16.344292 28.485121 TFN TFN_49
 50 -16.344435 28.485512 TFN TFN_50
 51 -16.344522 28.486078 TFN TFN_51
 52 -16.325817 28.478247 TFN TFN_57
 53 -16.328827 28.479494 TFN TFN_53
 54 -16.331421 28.480350 TFN TFN_54
 55 -16.336767 28.482151 TFN TFN_55
 56 -16.339899 28.483200 TFN TFN_56

PRINT 0

AFLINKS Taxispd 15 knots , DefMax 1 , DefPas 0 , MaxLnk 62 , MaxMdlis 150

1 2 52 322 190 0 1 1 0 0 20 ; TFN_2-TO-TFN_57
 2 5 6 290 1130 0 1 0 0 0 20 ; TFN_5-TO-TFN_6
 3 4 5 271 1195 0 0 0 0 0 20 ; TFN_4-TO-TFN_5
 4 6 7 290 1354 0 1 0 0 0 20 ; TFN_6-TO-TFN_7
 5 7 13 291 1819 0 1 0 0 0 20 ; TFN_7-TO-TFN_13
 6 8 6 143 697 0 1 0 1 0 20 ; TFN_8-TO-TFN_6
 7 8 47 290 648 0 1 0 0 0 20 ; TFN_8-TO-TFN_47
 8 9 21 128 315 0 1 0 0 0 20 ; TFN_9-TO-TFN_21
 9 1 11 47 181 0 1 1 0 0 20 ; TFN_1-TO-TFN_11
 10 10 17 109 1421 0 1 0 0 0 20 ; TFN_10-TO-TFN_17
 11 11 10 77 352 0 1 0 0 0 20 ; TFN_11-TO-TFN_10
 12 13 1 290 2553 0 3 0 0 0 20 ; TFN_13-TO-TFN_1
 13 12 13 201 357 0 1 0 0 0 20 ; TFN_12-TO-TFN_13
 14 14 16 289 157 0 1 0 0 0 20 ; TFN_14-TO-TFN_16
 15 15 14 292 155 0 1 0 0 0 20 ; TFN_15-TO-TFN_14
 16 16 22 289 151 0 1 0 0 0 20 ; TFN_16-TO-TFN_22
 17 17 18 25 293 0 1 0 0 0 20 ; TFN_17-TO-TFN_18
 18 2 19 167 208 0 1 0 0 0 20 ; TFN_2-TO-TFN_19
 19 19 5 290 4255 0 5 0 0 0 20 ; TFN_19-TO-TFN_5
 20 17 12 111 763 0 1 0 0 0 20 ; TFN_17-TO-TFN_12
 21 9 23 291 108 0 1 0 0 0 20 ; TFN_9-TO-TFN_23
 22 20 15 289 107 0 1 0 0 0 20 ; TFN_20-TO-TFN_15



23 21 7 128 863 0 3 2 1 0 15; TFN_21-TO-TFN_7
24 22 37 291 98 0 1 2 0 0 15; TFN_22-TO-TFN_37
25 21 22 341 124 0 1 2 0 0 15; TFN_21-TO-TFN_22
26 22 30 29 327 0 1 2 0 0 15; TFN_22-TO-TFN_30
27 37 9 290 123 0 1 2 0 0 15; TFN_37-TO-TFN_9
28 23 24 290 430 0 1 2 0 0 15; TFN_23-TO-TFN_24
29 24 12 292 152 0 1 2 0 0 15; TFN_24-TO-TFN_12
30 26 25 289 73 0 1 2 0 0 15; TFN_26-TO-TFN_25
31 27 26 290 108 0 1 2 0 0 15; TFN_27-TO-TFN_26
32 28 42 292 169 0 1 2 0 0 15; TFN_28-TO-TFN_42
33 16 29 27 329 0 1 2 0 0 15; TFN_16-TO-TFN_29
34 28 31 32 163 0 1 2 0 0 15; TFN_28-TO-TFN_31
35 26 33 27 177 0 1 2 0 0 15; TFN_26-TO-TFN_33
36 25 34 336 264 0 1 2 0 0 15; TFN_25-TO-TFN_34
37 23 35 319 287 0 1 2 0 0 15; TFN_23-TO-TFN_35
38 24 36 354 282 0 1 2 0 0 15; TFN_24-TO-TFN_36
39 38 50 289 157 0 1 2 0 0 15; TFN_38-TO-TFN_50
40 38 39 360 206 0 1 2 0 0 15; TFN_38-TO-TFN_39
41 21 37 319 202 0 1 2 0 0 15; TFN_21-TO-TFN_37
42 14 41 28 320 0 1 2 0 0 15; TFN_14-TO-TFN_41
43 42 43 293 161 0 1 2 0 0 15; TFN_42-TO-TFN_43
44 42 32 31 158 0 2 2 0 0 15; TFN_42-TO-TFN_32
45 37 27 327 558 0 2 2 0 0 15; TFN_37-TO-TFN_27
46 43 27 288 98 0 1 2 0 0 15; TFN_43-TO-TFN_27
47 43 44 28 154 0 1 2 0 0 15; TFN_43-TO-TFN_44
48 15 45 29 342 0 1 2 0 0 15; TFN_15-TO-TFN_45
49 20 40 50 316 0 1 2 0 0 15; TFN_20-TO-TFN_40
50 46 20 290 252 0 1 2 0 0 15; TFN_46-TO-TFN_20
51 47 46 290 192 0 1 2 0 0 15; TFN_47-TO-TFN_46
52 46 48 360 167 0 1 2 0 0 15; TFN_46-TO-TFN_48
53 47 49 355 178 0 1 2 0 0 15; TFN_47-TO-TFN_49
54 50 40 287 116 0 1 2 0 0 15; TFN_50-TO-TFN_40
55 50 51 352 208 0 1 2 0 0 15; TFN_50-TO-TFN_51
56 3 53 291 863 0 1 2 0 0 15; TFN_3-TO-TFN_53
57 52 3 314 218 0 1 2 0 0 15; TFN_57-TO-TFN_3
58 4 55 290 938 0 1 2 0 0 15; TFN_4-TO-TFN_55
59 53 54 291 888 0 1 2 0 0 15; TFN_53-TO-TFN_54
60 54 4 291 896 0 3 2 0 0 15; TFN_54-TO-TFN_4
61 55 56 290 1073 0 1 2 0 0 15; TFN_55-TO-TFN_56
62 56 8 290 839 0 3 2 0 0 15; TFN_56-TO-TFN_8

PRINT 0

AIRLINES THESE ARE THE TWO DUMMY AIRLINES FOR ALL AIRPORTS

01 ARR_AIRLINE AIRL

02 DEP_AIRLINE AIRL



PRINT 0

DEPARTQ There are 1 airfield departure queues, with up to 10 routes.

1 0 0 10 20 TFN DPQ_30 2 1

8 9 10 11 12 13 14 15 16 17

;

PRINT 0

GATES There are 16 gates

1 34 1 G_01 TFN 0 YES 0 ALL 36 ; NO

;;; 0;;

2 33 1 G_02 TFN 0 YES 0 ALL 35 ; NO

;;; 0;;

3 44 1 G_03 TFN 0 YES 0 ALL 47 ; NO

;;; 0;;

4 32 1 G_04 TFN 0 YES 0 ALL 44 ; NO

;;; 0;;

5 31 1 G_05 TFN 0 YES 0 ALL 34 ; NO

;;; 0;;

6 51 1 G_06 TFN 0 YES 0 ALL 55 ; NO

;;; 0;;

7 39 1 G_07 TFN 0 YES 0 ALL 40 ; NO

;;; 0;;

8 36 1 G_08 TFN 0 YES 0 ALL 38 ; NO

;;; 0;;

9 35 1 G_09 TFN 0 YES 0 ALL 37 ; NO

;;; 0;;

10 30 1 G_10 TFN 0 YES 0 ALL 26 ; NO

;;; 0;;

11 29 1 G_11 TFN 0 YES 0 ALL 33 ; NO

;;; 0;;

12 41 1 G_12 TFN 0 YES 0 ALL 42 ; NO

;;; 0;;

13 45 1 G_13 TFN 0 YES 0 ALL 48 ; NO

;;; 0;;

14 48 1 G_14 TFN 0 YES 0 ALL 52 ; NO

;;; 0;;

15 49 1 G_15 TFN 0 YES 0 ALL 53 ; NO

;;; 0;;

16 18 10 AVG TFN 0 YES 0 ALL 17 ; NO

;;; 0;;

GATEUSE 16 blocking entries MaxList is 6

1 G_01 TFN MODEL 67 35 40 ;

2 G_02 TFN MODEL 67 ;



3 G_03 TFN MODEL 67 ;
 4 G_04 TFN MODEL 67 ;
 5 G_07 TFN MODEL 67 35 40 24 50 ;
 6 G_08 TFN MODEL 67 35 40 24 50 ;
 7 G_09 TFN MODEL 67 35 40 24 50 ;
 8 G_10 TFN MODEL 31 52 24 ;
 9 G_11 TFN MODEL 24 52 31 ;
 10 G_12 TFN MODEL 31 24 52 ;
 11 G_14 TFN MODEL 40 35 ;
 12 G_15 TFN MODEL 13 ;
 13 G_05 TFN MODEL 67 ;
 14 G_06 TFN MODEL 67 35 40 24 50 ;
 15 AVG TFN MODEL 76 ;
 16 G_13 TFN MODEL 31 24 52 ;;

PRINT 0

TAMPS There are 5 ground aircraft groups in this run.

1 30 15 (Ground group name: GRG_ID#1)

0.0 3600.0 1.0 5600.0 ; landing roll distance distribution

0.0 6000.0 1.0 6500.0 ; takeoff roll distance distribution

0.0 22.0 0.9 25.0 1.0 50.0

; arrival gate service time

0.0 22.0 0.9 25.0 1.0 50.0

; departure gate service time

; arrival gate towing time distribution

; departure gate towing time distribution

7 8 10 11 12 15 24 25

26 27 28 29 30 35 36 37

38 39 40 41 42 43 44 45

46 47 48 49 50 51 52 63

78 81 82 85 86 88 89 90

93 94 96 97 100 101

; Aircraft data file aircraft models

2 30 15 (Ground group name: GRG_ID#2)

0.0 5800.0 1.0 6800.0 ; landing roll distance distribution

0.0 7000.0 1.0 7500.0 ; takeoff roll distance distribution

0.0 20.0 0.9 33.0 1.0 45.0

; arrival gate service time

0.0 20.0 0.9 33.0 1.0 45.0

; departure gate service time

; arrival gate towing time distribution

; departure gate towing time distribution

1 3 4 9 13 14 16 17

18 19 20 21 22 23 31 32

33 34 87 91 92 102 103

; Aircraft data file aircraft models



3 30 15 (Ground group name: GRG_ID#3)
 0.0 3500.0 1.0 4500.0 ; landing roll distance distribution
 0.0 4800.0 1.0 5500.0 ; takeoff roll distance distribution
 0.0 15.0 0.9 30.0 1.0 300.0
 ; arrival gate service time
 0.0 15.0 0.9 30.0 1.0 300.0
 ; departure gate service time
 ; arrival gate towing time distribution
 ; departure gate towing time distribution
 64 65 66 67 68 69 70 71
 72 77 98 99

; Aircraft data file aircraft models
 4 30 15 (Ground group name: GRG_ID#4)
 0.0 2500.0 1.0 3000.0 ; landing roll distance distribution
 0.0 2800.0 1.0 3500.0 ; takeoff roll distance distribution
 0.0 10.0 0.9 60.0 1.0 300.0
 ; arrival gate service time
 0.0 10.0 0.9 60.0 1.0 300.0
 ; departure gate service time
 ; arrival gate towing time distribution
 ; departure gate towing time distribution
 53 54 55 56 57 58 59 60
 61 62 73 74 75 76 79 80
 95 104 105 106 107

; Aircraft data file aircraft models
 5 30 15 (Ground group name: GRG_ID#5)
 0.0 6300.0 1.0 8300.0 ; landing roll distance distribution
 0.0 7500.0 1.0 8000.0 ; takeoff roll distance distribution
 0.0 25.0 0.9 200.0 1.0 400.0
 ; arrival gate service time
 0.0 25.0 0.9 200.0 1.0 400.0
 ; departure gate service time
 ; arrival gate towing time distribution
 ; departure gate towing time distribution
 2 5 6 83 84
 ; Aircraft data file aircraft models

PROB There are 24 probability distributions.

1 AGATE#1 0.0 22.0 0.9 25.0 1.0 50.0 ;
 2 AGATE#2 0.0 20.0 0.9 33.0 1.0 45.0 ;
 3 AGATE#3 0.0 15.0 0.9 30.0 1.0 300.0 ;
 4 AGATE#4 0.0 10.0 0.9 60.0 1.0 300.0 ;
 5 AGATE#5 0.0 25.0 0.9 200.0 1.0 400.0 ;
 6 DGATE#1 0.0 22.0 0.9 25.0 1.0 50.0 ;
 7 DGATE#2 0.0 20.0 0.9 33.0 1.0 45.0 ;
 8 DGATE#3 0.0 15.0 0.9 30.0 1.0 300.0 ;



9 DGATE#4 0.0 10.0 0.9 60.0 1.0 300.0 ;
 10 DGATE#5 0.0 25.0 0.9 200.0 1.0 400.0 ;
 11 LROLL#1 0.0 3600.0 1.0 5600.0 ;
 12 LROLL#2 0.0 5800.0 1.0 6800.0 ;
 13 LROLL#3 0.0 3500.0 1.0 4500.0 ;
 14 LROLL#4 0.0 2500.0 1.0 3000.0 ;
 15 LROLL#5 0.0 6300.0 1.0 8300.0 ;
 16 TROLL#1 0.0 6000.0 1.0 6500.0 ;
 17 TROLL#2 0.0 7000.0 1.0 7500.0 ;
 18 TROLL#3 0.0 4800.0 1.0 5500.0 ;
 19 TROLL#4 0.0 2800.0 1.0 3500.0 ;
 20 TROLL#5 0.0 7500.0 1.0 8000.0 ;
 21 TSEP#1 0.0 1.0 0.2 1.0 1.0 1.0 ;
 22 TSEP#2 0.0 1.0 0.2 1.0 1.0 1.0 ;
 23 TSEP#3 0.0 1.0 0.2 1.0 1.0 1.0 ;
 24 TSEP#4 0.0 1.0 0.2 1.0 1.0 1.0 ;

PRINT 0

PPBACK These are the a/c models that only push-back.

1 2 3 4 5 6 7 8
 9 10 11 12 13 14 15 16
 17 18 19 20 21 22 23 24
 25 26 27 28 29 30 31 32
 33 34 35 36 37 38 39 40
 41 42 43 44 45 46 47 48
 49 50 51 52 53 54 55 56
 57 58 59 60 61 62 63 78
 79 80 81 82 83 84 85 86
 87 88 89 90 91 92 93 94
 95 96 97 98 99 100 101 102
 103 104 105 106 107

PRINT 0

RUNWAYS runway taxi speed 35 mph, crossing delay 5 seconds

there are 2 runways in this simulation with 5 links, max

1 PISTA_30 PISTA_12 290 0 0
 19 2 4 5 12 TFN
 0 0 0 0

PRINT 0

TAXIPATH These are the user-defined taxipaths

There are 1 paths, 1 links max per path,
 25 alternate routes, and 50 nodes per route.

1 DEP_QUE 18 ;

PRINT 0

DSDPATH There are 1 taxipaths with 11 links max.
 1 SINGLE_DIRECTION 7 51 50 22 15 14 16 24 27 21
 28 ; ;

PRINT 0
 GLOBAL 3
 14 history_delimitor 1
 15 keep_window_active 0
 16 gridlock_dump 5.0

GO



FICHERO DE ESPACIO AÉREO

PRINT 0

NODES Default separation is 5.000000 nmiles, Max nodes = 58
 1 UMBRAL_12 2073 1 0 5.000000 0 1 0 ; -16.357763 28.488035
 2 AN_DCDEP 3500 1 0 5.000000 0 1 0 ; -16.459818 28.520107
 3 AN_DCHA3 3600 1 0 5.000000 0 1 0 ; -16.485815 28.574104
 4 AN_DCHA6 3700 1 0 5.000000 0 1 0 ; -16.395027 28.605373
 5 GC_GDV_D 6000 1 0 5.000000 0 1 0 ; -15.425447 28.077856
 6 TESEL 7000 1 0 5.000000 0 1 0 ; -16.838612 28.484444
 7 ARACO 8000 1 0 5.000000 0 1 0 ; -17.445833 28.428055
 8 HIERRO 8000 1 0 5.000000 0 1 0 ; -17.885000 27.815001
 9 VOR/TFN_A 6000 1 0 5.000000 0 1 0 ; -16.267467 28.534920
 10 LANZAROTE_LT 5000 1 0 5.000000 0 1 0 ; -13.614722 28.940277
 11 A_SAMAR 6000 1 0 5.000000 0 1 0 ; -14.601281 30.642809
 12 KASAS 6000 1 0 5.000000 0 1 0 ; -15.766944 29.988333
 13 DE_SAMAR 6000 1 0 5.000000 0 1 0 ; -14.603407 30.687906
 14 DE_ORTIS 10000 1 0 5.000000 0 1 0 ; -16.445105 30.227867
 15 LZR_ARR 7000 1 0 5.000000 0 1 0 ; -13.508889 29.163889
 16 NDB_APROX 3400 1 0 5.000000 0 1 0 ; -16.255833 28.451111
 17 UMBRAL_30 2073 1 0 5.000000 0 1 0 ; -16.325314 28.477272
 18 A_KASAS 6000 1 0 5.000000 0 1 0 ; -15.939421 29.461264
 19 NERVO_Arr 6000 1 0 5.000000 0 1 0 ; -15.638296 29.336733
 20 LARYS_DEP 5000 1 0 5.000000 0 1 0 ; -14.833607 28.869995
 21 LANZA 5000 1 0 5.000000 0 1 0 ; -13.999444 28.919167
 22 A_NERVO 6000 1 0 5.000000 0 1 0 ; -15.750678 29.160872
 23 A_VASTO 5000 1 0 5.000000 0 1 0 ; -13.459867 30.684303
 24 SARAY 5000 1 0 5.000000 0 1 0 ; -14.170258 29.747719
 25 LZR_DEP 5000 1 0 5.000000 0 1 0 ; -13.500000 29.163000
 26 DE_TERTO 7000 1 0 5.000000 0 1 0 ; -13.014617 29.779671



27 A_KORAL 5000 1 0 5.000000 0 1 0 ; -12.674507 29.718437
 28 GRANCANARIA_LPC 6000 1 0 5.000000 0 1 0 ; -15.431111 27.826944
 29 ORION 5000 1 0 5.000000 0 1 0 ; -13.871944 28.161388
 30 FUERTEVENTURA 4000 1 0 5.000000 0 1 0 ; -13.864445 28.379999
 31 LARYS_ARR 7000 1 0 5.000000 0 1 0 ; -14.833611 28.870001
 32 BRICK 7000 1 0 5.000000 0 1 0 ; -16.369444 29.596945
 33 DE_KONBA 7000 1 0 5.000000 0 1 0 ; -16.046009 30.121166
 34 AN_34 4400 1 0 5.000000 0 1 0 ; -16.143213 28.449688
 35 AN_35 4400 1 0 5.000000 0 1 0 ; -16.131487 28.418829
 36 AN_36 4400 1 0 5.000000 0 1 0 ; -16.196112 28.429722
 37 AN_37 6000 1 0 5.000000 0 1 0 ; -16.255552 28.494631
 38 ARTEM_D 5000 1 0 5.000000 0 1 0 ; -16.028055 28.405277
 39 GANTA 7000 1 0 5.000000 0 1 0 ; -17.170279 28.274166
 40 NERVO_DEP 6000 1 0 5.000000 0 1 0 ; -15.622968 29.332777
 41 A_KONBA 6000 1 0 5.000000 0 1 0 ; -15.481882 30.789843
 42 A_BIMBO 6000 1 0 5.000000 0 1 0 ; -15.976024 31.082062
 43 AN_43 7000 1 0 5.000000 0 1 0 ; -16.028982 28.597082
 44 AN_DCHA4 3630 1 0 5.000000 0 1 0 ; -16.471342 28.598534
 45 AN_DCHA2 3560 1 0 5.000000 0 1 0 ; -16.486620 28.549730
 46 AN_DCHA1 3530 1 0 5.000000 0 1 0 ; -16.476025 28.533068
 47 AN_DCHA5 3660 1 0 5.000000 0 1 0 ; -16.435816 28.610260
 48 AN_49 4400 1 0 5.000000 0 1 0 ; -16.123922 28.430098
 49 AN_50 4400 1 0 5.000000 0 1 0 ; -16.149643 28.413708
 50 VOR/TFN_D 4000 1 0 5.000000 0 1 0 ; -16.267221 28.535278
 51 ARTEM_A 6000 1 0 5.000000 0 1 0 ; -16.029392 28.404280
 52 GC_GDV_A 6000 1 0 5.000000 0 1 0 ; -15.427222 28.075556
 53 NDB_LAPALMA 6000 1 1 5.000000 0 1 0 ; -17.755278 28.599722
 54 AN_54 0 1 0 5.000000 0 1 0 ; -17.414043 28.821985
 55 LANZA_ARR 6000 1 0 5.000000 0 1 0 ; -13.999640 28.920294
 56 HIERRO_A 6000 1 0 5.000000 0 1 0 ; -17.882769 27.806471
 57 GANTA_A 6000 1 0 5.000000 0 1 0 ; -17.168478 28.270102
 58 TESEL_A 6000 1 0 5.000000 0 1 0 ; -16.837543 28.478624

PRINT 0

LINKS Overtake: 1 Wake Turb: 0 AC Cap: 5 Delay: 1 Max Links: 56
 1 UMBRAL_12-TO-AN_DCDEP 1 2 57.147641 289 8 1 0 1 15 0 ;
 2 AN_DCDEP-TO-AN_DCHA1 2 46 11.552560 312 7 1 0 1 15 0 ;
 3 AN_DCHA3-TO-AN_DCHA4 3 44 16.522371 27 7 1 0 1 15 0 ;
 4 AN_DCHA6-TO-VOR/TFN_D 4 50 79.399261 121 6 1 0 1 15 0 ;
 5 AN_DCDEP-TO-TESEL 2 6 200.872822 263 6 1 0 2 15 0 ;
 6 TESEL-TO-ARACO 6 7 322.096214 264 4 1 0 3 15 0 ;
 7 TESEL-TO-GANTA 6 39 215.806522 234 4 1 0 2 15 0 ;
 8 VOR/TFN_D-TO-ARTEM_D 50 38 148.313112 121 4 1 0 1 15 0 ;
 9 VOR/TFN_D-TO-A_KASAS 50 18 581.611900 17 4 1 0 4 15 0 ;
 10 DE_SAMAR-TO-NERVO_Arr 13 19 972.784271 213 3 1 0 4 15 0 ;
 11 ORTIS-TO-BRICK 14 32 380.592957 174 3 1 0 2 15 0 ;
 12 NDB_APROX-TO-UMBRAL_30 16 17 39.869010 293 9 1 0 1 15 0 ;



13 A_KASAS-TO-KASAS 18 12 328.762817 15 2 1 0 3 15 0 ;
 14 NERVO_Arr-TO-VOR/TFN_A 19 9 583.601151 214 4 1 0 5 15 0 ;
 15 LANZA-TO-LANZAROTE_LT 21 10 202.424831 86 4 1 0 1 15 0 ;
 16 VOR/TFN_D-TO-A_NERVO 50 22 463.231812 35 4 1 0 3 15 0 ;
 17 LARYS_DEP-TO-LZR_DEP 20 25 721.469345 75 3 1 0 3 15 0 ;
 18 LZR_DEP-TO-A_KORAL 25 27 545.078392 52 3 1 0 1 15 0 ;
 19 DE_TERTO-TO-LZR_ARR 26 15 450.740280 215 3 1 0 1 15 0 ;
 20 GC_GDV_D-TO-GRANCANARIA_LPC 5 28 150.576954 181 3 1 0 1 15 0 ;
 21 GC_GDV_D-TO-ORION 5 29 823.602295 86 3 1 0 4 15 0 ;
 22 ORION-TO-FUERTEVENTURA 29 30 131.226311 1 3 1 0 1 15 0 ;
 23 DE_KONBA-TO-BRICK 33 32 356.728668 208 2 1 0 2 15 0 ;
 24 VOR/TFN_A-TO-AN_37 9 37 24.976251 165 7 1 0 1 15 0 ;
 25 AN_34-TO-AN_49 34 48 15.548230 139 7 1 0 1 15 0 ;
 26 AN_35-TO-AN_50 35 49 10.061760 252 7 1 0 1 15 0 ;
 27 AN_36-TO-NDB_APROX 36 16 34.021380 292 8 1 0 1 15 0 ;
 28 AN_37-TO-AN_34 37 34 65.098519 114 7 1 0 1 15 0 ;
 29 ARTEM_D-TO-GC_GDV_D 38 5 374.233284 121 4 1 0 2 15 0 ;
 30 GANTA-TO-HIERRO 39 8 468.129692 234 4 1 0 4 15 0 ;
 31 A_NERVO-TO-NERVO_DEP 22 40 122.916822 32 2 1 0 3 15 0 ;
 32 NERVO_DEP-TO-A_SAMAR 40 11 948.528671 33 3 1 0 3 15 0 ;
 33 KASAS-TO-A_KONBA 12 41 503.028145 16 2 1 0 1 15 0 ;
 34 KASAS-TO-A_BIMBO 12 42 665.072708 350 2 1 0 1 15 0 ;
 35 LZR_ARR-TO-LARYS_ARR 15 31 717.075958 256 3 1 0 3 15 0 ;
 36 AN_43-TO-VOR/TFN_A 43 9 131.090078 253 4 1 0 1 15 0 ;
 37 LARYS_ARR-TO-AN_43 31 43 649.872742 255 4 1 0 3 15 0 ;
 38 VOR/TFN_D-TO-LARYS_DEP 50 20 780.740051 74 4 1 0 4 15 0 ;
 39 LARYS_DEP-TO-SARAY 20 24 630.706367 33 3 1 0 2 15 0 ;
 40 SARAY-TO-A_VASTO 24 23 671.896210 33 3 1 0 1 10 ;
 41 LARYS_DEP-TO-LANZA 20 21 439.181938 85 3 1 0 2 15 0 ;
 42 BRICK-TO-VOR/TFN_A 32 9 639.455223 175 3 1 0 4 15 0 ;
 43 AN_DCHA4-TO-AN_DCHA5 44 47 19.993000 69 7 1 0 1 10 ;
 44 AN_DCHA2-TO-AN_DCHA3 45 3 14.630550 17 1 0 1 10 ;
 45 AN_DCHA1-TO-AN_DCHA2 46 45 11.451600 330 7 1 0 1 10 ;
 46 AN_DCHA5-TO-AN_DCHA6 47 4 21.684580 97 7 1 0 1 10 ;
 47 AN_49-TO-AN_35 48 35 7.851500 210 7 1 0 1 15 0 ;
 48 AN_50-TO-AN_36 49 36 26.336010 291 7 1 0 1 15 0 ;
 49 GC_GDV_A-TO-ARTEM_A 52 51 374.451675 301 1 1 0 13 10 ;
 50 ARTEM_A-TO-VOR/TFN_A 51 9 148.027334 302 3 1 0 4 10 ;
 51 NDB_LAPALMA-TO-AN_54 53 54 223.672066 53 1 1 0 4 10 ;
 52 AN_54-TO-VOR/TFN_A 54 9 627.645111 105 3 1 0 16 10 ;
 53 LANZA_ARR-TO-LARYS_ARR 55 31 439.124298 266 1 1 0 10 10 ;
 54 HIERRO_A-TO-GANTA_A 56 57 469.545212 53 1 1 0 19 10 ;
 55 GANTA_A-TO-TESEL_A 57 58 214.884853 54 1 1 0 6 10 ;
 56 TESEL_A-TO-VOR/TFN_A 58 9 302.467823 83 1 1 0 8 10 ;

PRINT 0

ROUTES Def Sep Dist: 5.000000 nm



Max route: 18
 Max Nodes/Rte: 14
 Def Arr Sep Dist: 5.000000 nm
 Def Dep Sep Dist: 5.000000 nm
 1 ARR_KONBA1L ;
 33 32 9 37 34 48 35 49 36 16 17
 ; ; ; C
 2 ARR_ORTIS1L ;
 14 32 9 37 34 48 35 49 36 16 17
 ; ; ; C
 3 ARR_HIERRO ;
 56 57 58 9 37 34 48 35 49 36 16 17
 ; ; ; C
 4 ARR_GCLP ;
 52 51 9 37 34 48 35 49 36 16 17
 ; ; ; C
 5 ARR_FV_LZ ;
 55 31 43 9 37 34 48 35 49 36 16 17
 ; ; ; C
 6 ARR_TERTO1L ;
 26 15 31 43 9 37 34 48 35 49 36 16 17
 ; ; ; C
 7 ARR_LAPALMA ;
 53 54 9 37 34 48 35 49 36 16 17
 ; ; ; C
 8 DEP_ARAC01J ;
 1 2 6 7
 ; ; ; C
 9 DEP_BIMB01J ;
 1 2 46 45 3 44 47 4 50 18 12 42
 ; ; ; C
 10 DEP_KONBA1J ;
 1 2 46 45 3 44 47 4 50 18 12 41
 ; ; ; C
 11 DEP_FV1J ;
 1 2 46 45 3 44 47 4 50 38 5 29 30
 ; ; ; C
 12 DEP_SAMAR1J ;
 1 2 46 45 3 44 47 4 50 22 40 11
 ; ; ; C
 13 DEP_KORAL1J ;
 1 2 46 45 3 44 47 4 50 20 25 27
 ; ; ; C
 14 DEP_VASTO1J ;
 1 2 46 45 3 44 47 4 50 20 24 23
 ; ; ; C
 15 DEP_LPC1J ;



1 2 46 45 3 44 47 4 50 38 5 28
 ; ; ; C
 16 DEP_HR1J ;
 1 2 6 39 8
 ; ; ; C
 17 DEP_LT1J ;
 1 2 46 45 3 44 47 4 50 20 21 10
 ; ; ; C
 18 ARR_SAMAR1L ;
 13 19 9 37 34 48 35 49 36 16 17
 ; ; ; C

PRINT 0
 SECTORS Start 0 hr, width 60 min, end 26 hr, 1 sectors, 5 Inks
 1 FN_APP 1 28 47 24 25 ;

PRINT 0
 AIRCRAFT There are 4 aircraft groups
 1 LRG , Min Ceil = 100 , Min Rvr = 1200
 T 380.0 T 350.0 T 320.0 T 290.0 T 260.0 T 230.0 T 200.0 T 170.0 T 150.0 ;
 T 360.0 T 330.0 T 300.0 T 270.0 T 240.0 T 210.0 T 180.0 T 150.0 T 130.0 ;
 T 340.0 T 310.0 T 280.0 T 250.0 T 220.0 T 190.0 T 160.0 T 130.0 T 120.0 ;
 0.000000 ;
 2.000000 ;
 240 ;
 3.0 5.0 4.0 4.0 ;
 0.000000 1.000000
 0.200000 1.000000
 1.000000 1.000000
 ;
 7 8 10 11 12 15 24 25 26 27 28 29 30 35 36 37 38 39 40 41 42 43 44 45 46 47
 48 49 50 63 78 81 82 85 86 88 89 90 93 94 96 97 100 101 ;
 3.0 5.0 4.0 4.0 ;
 2 HVY , Min Ceil = 0 , Min Rvr = 700
 T 380.0 T 360.0 T 330.0 T 290.0 T 260.0 T 230.0 T 200.0 T 170.0 T 150.0 ;
 T 360.0 T 340.0 T 300.0 T 270.0 T 240.0 T 210.0 T 180.0 T 150.0 T 130.0 ;
 T 340.0 T 320.0 T 280.0 T 250.0 T 220.0 T 190.0 T 160.0 T 130.0 T 120.0 ;
 0.000000 ;
 2.000000 ;
 250 ;
 5.0 7.0 5.0 5.0 ;
 0.000000 1.000000
 0.200000 1.000000
 1.000000 1.000000
 ;
 1 2 3 4 5 6 9 13 14 16 17 18 19 20 21 22 23 31 32 33 34 51 52 83 84 87 91
 92 102 103 ;



5.0 7.0 5.0 5.0 ;
 3 SML , Min Ceil = 200 , Min Rvr = 1800
 T 270.0 T 270.0 T 250.0 T 240.0 T 220.0 T 200.0 T 180.0 T 160.0 T 140.0 ;
 T 250.0 T 250.0 T 230.0 T 220.0 T 200.0 T 180.0 T 160.0 T 140.0 T 120.0 ;
 T 230.0 T 230.0 T 210.0 T 200.0 T 180.0 T 160.0 T 140.0 T 120.0 T 110.0 ;
 0.000000 ;
 2.000000 ;
 220 ;
 3.0 4.0 3.0 3.0 ;
 0.000000 1.000000
 0.200000 1.000000
 1.000000 1.000000
 ;
 64 65 66 67 68 69 70 71 72 77 98 99 ;
 3.0 4.0 3.0 3.0 ;
 4 GA , Min Ceil = 1000 , Min Rvr = 2500
 T 220.0 T 220.0 T 220.0 T 200.0 T 200.0 T 180.0 T 160.0 T 140.0 T 130.0 ;
 T 200.0 T 200.0 T 200.0 T 180.0 T 180.0 T 160.0 T 140.0 T 120.0 T 110.0 ;
 T 180.0 T 180.0 T 180.0 T 160.0 T 160.0 T 140.0 T 120.0 T 100.0 T 90.0 ;
 0.000000 ;
 2.000000 ;
 180 ;
 3.0 3.0 3.0 3.0 ;
 0.000000 1.000000
 0.200000 1.000000
 1.000000 1.000000
 ;
 53 54 55 56 57 58 59 60 61 62 73 74 75 76 79 80 95 104 105 106 107 ;
 3.0 3.0 3.0 3.0 ;

PRINT 0

PROCEDURES DefTimeSep: 45 seconds, DefDistSep: 2 nmiles, MaxProc: 2
 MaxDQ: 1,MaxDat = 500

1 ARR30 ARR TFN PISTA_30 19 1 N N 0 ;

1;0 0; 0.0 4.0;
 2;0 0; 0.0 4.0;
 3;0 0; 0.0 4.0;
 4;0 0; 0.0 4.0;

2 DEP30 DEP TFN PISTA_30 19 1 Y N 0 DPQ_30 ;

1;0 120; 0.0 0.0;
 2;0 180; 0.0 0.0;
 3;0 120; 0.0 0.0;
 4;0 120; 0.0 0.0;

PRINT 0

AIRPORTS Def ceiling: 5000 feet Def rwy vis range: 30000 feet

Def node gap: 0 sec, Def spread factor: 0 PCT



1 TFN Elev = 2073
 UMBRAL_12
 UMBRAL_30
 ;
 0
 0 ;
 0.000000 PCT
 0.000000 PCT
 ;
 Los_Rodeos
 1 ; 2 ;
 ;
 1 1 ; ;
 ;
 GO

FICHERO DE EVENTOS

SETPLAN 0.000000 1 0 1 TFN PISTA_30 *

TRACE 0.000000 0 ; 163 1 *
 TRACE 0.000000 0 ; 20 1 *
 TRACE 0.000000 0 ; 186 1 *
 TRACE 0.000000 0 ; 174 1 *
 TRACE 0.000000 0 ; 164 1 *
 TRACE 0.000000 0 ; 302 1 *
 TRACE 0.000000 0 ; 182 1 *
 TRACE 0.000000 0 ; 181 1 *
 TRACE 0.000000 0 ; 3 1 *
 TRACE 0.000000 0 ; 175 1 *
 TRACE 0.000000 0 ; 184 1 *
 TRACE 0.000000 0 ; 185 1 *

ARRIVAL 0.0 GNRL FLT_1 67 TFN 7 ? ? 0 0.500000 GNRL FLT_2 DUN 16 ? ? 0 -2 0:00:00 *
 ARRIVAL 0.100000 GNRL FLT_3 24 TFN 7 ? ? 0 0.600000 GNRL FLT_4 DUN 13 ? ? 0 -2 0:06:00 *
 ARRIVAL 0.200000 GNRL FLT_5 67 TFN 4 ? ? 0 0.700000 GNRL FLT_6 DUN 8 ? ? 0 -2 0:12:00 *
 ARRIVAL 0.300000 GNRL FLT_7 76 TFN 1 ? ? 0 0.800000 GNRL FLT_8 DUN 11 ? ? 0 -2 0:18:00 *
 ARRIVAL 0.400000 GNRL FLT_9 67 TFN 3 ? ? 0 0.900000 GNRL FLT_10 DUN 15 ? ? 0 -2 0:24:00 *
 ARRIVAL 0.500000 GNRL FLT_11 52 TFN 5 ? ? 0 1.000000 GNRL FLT_12 DUN 17 ? ? 0 -2 0:30:00 *
 ARRIVAL 0.600000 GNRL FLT_13 67 TFN 4 ? ? 0 1.100000 GNRL FLT_14 DUN 15 ? ? 0 -2 0:36:00 *
 ARRIVAL 0.700000 GNRL FLT_15 50 TFN 1 ? ? 0 1.200000 GNRL FLT_16 DUN 14 ? ? 0 -2 0:42:00 *
 ARRIVAL 0.800000 GNRL FLT_17 67 TFN 7 ? ? 0 1.300000 GNRL FLT_18 DUN 15 ? ? 0 -2 0:48:00 *
 ARRIVAL 0.900000 GNRL FLT_19 67 TFN 5 ? ? 0 1.400000 GNRL FLT_20 DUN 8 ? ? 0 -2 0:54:00 *

 TRACE 1.000000 0 ; 0 1 *
 ARRIVAL 1.000000 GNRL FLT_21 67 TFN 4 ? ? 0 1.500000 GNRL FLT_22 DUN 8 ? ? 0 -2 1:00:00 *
 ARRIVAL 1.100000 GNRL FLT_23 13 TFN 18 ? ? 0 1.600000 GNRL FLT_24 DUN 14 ? ? 0 -2 1:06:00 *



ARRIVAL 1.200000 GNRL FLT_25 67 TFN 5 ? ? 0 1.700000 GNRL FLT_26 DUN 17 ? ? 0 -2 1:12:00 *
 ARRIVAL 1.300000 GNRL FLT_27 76 TFN 3 ? ? 0 1.800000 GNRL FLT_28 DUN 15 ? ? 0 -2 1:17:59 *
 ARRIVAL 1.400000 GNRL FLT_29 35 TFN 18 ? ? 0 1.900000 GNRL FLT_30 DUN 13 ? ? 0 -2 1:23:59 *

TRACE 1.500000 0 ; 0 1 *

ARRIVAL 1.500000 GNRL FLT_31 67 TFN 4 ? ? 0 2.000000 GNRL FLT_32 DUN 8 ? ? 0 -2 1:30:00 *
 ARRIVAL 1.600000 GNRL FLT_33 31 TFN 18 ? ? 0 2.100000 GNRL FLT_34 DUN 14 ? ? 0 -2 1:36:00 *
 ARRIVAL 1.700000 GNRL FLT_35 67 TFN 4 ? ? 0 2.200000 GNRL FLT_36 DUN 16 ? ? 0 -2 1:42:00 *
 ARRIVAL 1.800000 GNRL FLT_37 67 TFN 7 ? ? 0 2.300000 GNRL FLT_38 DUN 16 ? ? 0 -2 1:47:59 *
 ARRIVAL 1.900000 GNRL FLT_39 24 TFN 7 ? ? 0 2.400000 GNRL FLT_40 DUN 13 ? ? 0 -2 1:54:00 *

TRACE 2.000000 0 ; 0 1 *

ARRIVAL 2.000000 GNRL FLT_41 67 TFN 4 ? ? 0 2.500000 GNRL FLT_42 DUN 8 ? ? 0 -2 2:00:00 *
 ARRIVAL 2.100000 GNRL FLT_43 76 TFN 1 ? ? 0 2.600000 GNRL FLT_44 DUN 11 ? ? 0 -2 2:05:59 *
 ARRIVAL 2.200000 GNRL FLT_45 67 TFN 3 ? ? 0 2.700000 GNRL FLT_46 DUN 15 ? ? 0 -2 2:12:00 *
 ARRIVAL 2.300000 GNRL FLT_47 52 TFN 5 ? ? 0 2.800000 GNRL FLT_48 DUN 17 ? ? 0 -2 2:17:59 *
 ARRIVAL 2.400000 GNRL FLT_49 67 TFN 4 ? ? 0 2.900000 GNRL FLT_50 DUN 15 ? ? 0 -2 2:24:00 *

TRACE 2.500000 0 ; 0 1 *

ARRIVAL 2.500000 GNRL FLT_51 50 TFN 1 ? ? 0 3.000000 GNRL FLT_52 DUN 14 ? ? 0 -2 2:30:00 *
 ARRIVAL 2.600000 GNRL FLT_53 67 TFN 7 ? ? 0 3.100000 GNRL FLT_54 DUN 15 ? ? 0 -2 2:35:59 *
 ARRIVAL 2.700000 GNRL FLT_55 67 TFN 5 ? ? 0 3.200000 GNRL FLT_56 DUN 8 ? ? 0 -2 2:42:00 *
 ARRIVAL 2.800000 GNRL FLT_57 67 TFN 4 ? ? 0 3.300000 GNRL FLT_58 DUN 8 ? ? 0 -2 2:47:59 *
 ARRIVAL 2.900000 GNRL FLT_59 13 TFN 18 ? ? 0 3.400000 GNRL FLT_60 DUN 14 ? ? 0 -2 2:54:00 *
 ARRIVAL 3.000000 GNRL FLT_61 67 TFN 5 ? ? 0 3.500000 GNRL FLT_62 DUN 17 ? ? 0 -2 3:00:00 *

TRACE 3.000000 0 ; 0 1 *

ARRIVAL 3.100000 GNRL FLT_63 76 TFN 3 ? ? 0 3.600000 GNRL FLT_64 DUN 15 ? ? 0 -2 3:05:59 *
 ARRIVAL 3.200000 GNRL FLT_65 35 TFN 18 ? ? 0 3.700000 GNRL FLT_66 DUN 13 ? ? 0 -2 3:12:00 *
 ARRIVAL 3.300000 GNRL FLT_67 67 TFN 4 ? ? 0 3.800000 GNRL FLT_68 DUN 8 ? ? 0 -2 3:17:59 *
 ARRIVAL 3.400000 GNRL FLT_69 31 TFN 18 ? ? 0 3.900000 GNRL FLT_70 DUN 14 ? ? 0 -2 3:24:00 *

TRACE 3.500000 0 ; 0 1 *

ARRIVAL 3.500000 GNRL FLT_71 67 TFN 4 ? ? 0 4.000000 GNRL FLT_72 DUN 16 ? ? 0 -2 3:30:00 *
 ARRIVAL 3.600000 GNRL FLT_73 67 TFN 7 ? ? 0 4.100000 GNRL FLT_74 DUN 16 ? ? 0 -2 3:35:59 *
 ARRIVAL 3.700000 GNRL FLT_75 24 TFN 7 ? ? 0 4.200000 GNRL FLT_76 DUN 13 ? ? 0 -2 3:42:00 *
 ARRIVAL 3.800000 GNRL FLT_77 67 TFN 4 ? ? 0 4.300000 GNRL FLT_78 DUN 8 ? ? 0 -2 3:47:59 *
 ARRIVAL 3.900000 GNRL FLT_79 76 TFN 1 ? ? 0 4.400000 GNRL FLT_80 DUN 11 ? ? 0 -2 3:54:00 *
 ARRIVAL 4.000000 GNRL FLT_81 67 TFN 3 ? ? 0 4.500000 GNRL FLT_82 DUN 15 ? ? 0 -2 4:00:00 *

TRACE 4.000000 0 ; 0 1 *

ARRIVAL 4.100000 GNRL FLT_83 52 TFN 5 ? ? 0 4.600000 GNRL FLT_84 DUN 17 ? ? 0 -2 4:05:59 *
 ARRIVAL 4.200000 GNRL FLT_85 67 TFN 4 ? ? 0 4.700000 GNRL FLT_86 DUN 15 ? ? 0 -2 4:11:59 *
 ARRIVAL 4.300000 GNRL FLT_87 50 TFN 1 ? ? 0 4.800000 GNRL FLT_88 DUN 14 ? ? 0 -2 4:18:00 *
 ARRIVAL 4.400000 GNRL FLT_89 67 TFN 7 ? ? 0 4.900000 GNRL FLT_90 DUN 15 ? ? 0 -2 4:24:00 *



TRACE 4.500000 0; 0 1 *

ARRIVAL 4.500000 GNRL FLT_91 67 TFN 5 ? ? 0 5.000000 GNRL FLT_92 DUN 8 ? ? 0 -2 4:30:00 *
 ARRIVAL 4.600000 GNRL FLT_93 67 TFN 4 ? ? 0 5.100000 GNRL FLT_94 DUN 8 ? ? 0 -2 4:35:59 *
 ARRIVAL 4.700000 GNRL FLT_95 13 TFN 18 ? ? 0 5.200000 GNRL FLT_96 DUN 14 ? ? 0 -2 4:41:59 *
 ARRIVAL 4.800000 GNRL FLT_97 67 TFN 5 ? ? 0 5.300000 GNRL FLT_98 DUN 17 ? ? 0 -2 4:48:00 *
 ARRIVAL 4.900000 GNRL FLT_99 76 TFN 3 ? ? 0 5.400000 GNRL FLT_100 DUN 15 ? ? 0 -2 4:54:00 *

TRACE 5.000000 0; 0 1 *

ARRIVAL 5.000000 GNRL FLT_101 35 TFN 18 ? ? 0 5.500000 GNRL FLT_102 DUN 13 ? ? 0 -2 5:00:00 *
 ARRIVAL 5.100000 GNRL FLT_103 67 TFN 4 ? ? 0 5.600000 GNRL FLT_104 DUN 8 ? ? 0 -2 5:05:59 *
 ARRIVAL 5.200000 GNRL FLT_105 31 TFN 18 ? ? 0 5.700000 GNRL FLT_106 DUN 14 ? ? 0 -2 5:11:59 *
 ARRIVAL 5.300000 GNRL FLT_107 67 TFN 4 ? ? 0 5.800000 GNRL FLT_108 DUN 16 ? ? 0 -2 5:18:00 *
 ARRIVAL 5.400000 GNRL FLT_109 67 TFN 7 ? ? 0 5.900000 GNRL FLT_110 DUN 16 ? ? 0 -2 5:24:00 *
 ARRIVAL 5.500000 GNRL FLT_111 24 TFN 7 ? ? 0 6.000000 GNRL FLT_112 DUN 13 ? ? 0 -2 5:30:00 *

TRACE 5.500000 0; 0 1 *

ARRIVAL 5.600000 GNRL FLT_113 67 TFN 4 ? ? 0 6.100000 GNRL FLT_114 DUN 8 ? ? 0 -2 5:35:59 *
 ARRIVAL 5.700000 GNRL FLT_115 76 TFN 1 ? ? 0 6.200000 GNRL FLT_116 DUN 11 ? ? 0 -2 5:41:59 *
 ARRIVAL 5.800000 GNRL FLT_117 67 TFN 3 ? ? 0 6.300000 GNRL FLT_118 DUN 15 ? ? 0 -2 5:48:00 *
 ARRIVAL 5.900000 GNRL FLT_119 52 TFN 5 ? ? 0 6.400000 GNRL FLT_120 DUN 17 ? ? 0 -2 5:54:00 *
 ARRIVAL 6.000000 GNRL FLT_121 67 TFN 4 ? ? 0 6.500000 GNRL FLT_122 DUN 15 ? ? 0 -2 6:00:00 *

TRACE 6.000000 0; 0 1 *

ARRIVAL 6.100000 GNRL FLT_123 50 TFN 1 ? ? 0 6.600000 GNRL FLT_124 DUN 14 ? ? 0 -2 6:05:59 *
 ARRIVAL 6.200000 GNRL FLT_125 67 TFN 7 ? ? 0 6.700000 GNRL FLT_126 DUN 15 ? ? 0 -2 6:11:59 *
 ARRIVAL 6.300000 GNRL FLT_127 67 TFN 5 ? ? 0 6.800000 GNRL FLT_128 DUN 8 ? ? 0 -2 6:18:00 *
 ARRIVAL 6.400000 GNRL FLT_129 67 TFN 4 ? ? 0 6.900000 GNRL FLT_130 DUN 8 ? ? 0 -2 6:24:00 *

TRACE 6.500000 0; 0 1 *

ARRIVAL 6.500000 GNRL FLT_131 13 TFN 18 ? ? 0 7.000000 GNRL FLT_132 DUN 14 ? ? 0 -2 6:30:00 *
 ARRIVAL 6.600000 GNRL FLT_133 67 TFN 5 ? ? 0 7.100000 GNRL FLT_134 DUN 17 ? ? 0 -2 6:35:59 *
 ARRIVAL 6.700000 GNRL FLT_135 76 TFN 3 ? ? 0 7.200000 GNRL FLT_136 DUN 15 ? ? 0 -2 6:41:59 *
 ARRIVAL 6.800000 GNRL FLT_137 35 TFN 18 ? ? 0 7.300000 GNRL FLT_138 DUN 13 ? ? 0 -2 6:48:00 *
 ARRIVAL 6.900000 GNRL FLT_139 67 TFN 4 ? ? 0 7.400000 GNRL FLT_140 DUN 8 ? ? 0 -2 6:54:00 *

TRACE 7.000000 0; 0 1 *

ARRIVAL 7.000000 GNRL FLT_141 31 TFN 18 ? ? 0 7.500000 GNRL FLT_142 DUN 14 ? ? 0 -2 7:00:00 *
 ARRIVAL 7.100000 GNRL FLT_143 67 TFN 4 ? ? 0 7.600000 GNRL FLT_144 DUN 16 ? ? 0 -2 7:05:59 *
 ARRIVAL 7.200000 GNRL FLT_145 67 TFN 7 ? ? 0 7.700000 GNRL FLT_146 DUN 16 ? ? 0 -2 7:11:59 *
 ARRIVAL 7.300000 GNRL FLT_147 24 TFN 7 ? ? 0 7.800000 GNRL FLT_148 DUN 13 ? ? 0 -2 7:18:00 *
 ARRIVAL 7.400000 GNRL FLT_149 67 TFN 4 ? ? 0 7.900000 GNRL FLT_150 DUN 8 ? ? 0 -2 7:24:00 *

TRACE 7.500000 0; 0 1 *

ARRIVAL 7.500000 GNRL FLT_151 76 TFN 1 ? ? 0 8.000000 GNRL FLT_152 DUN 11 ? ? 0 -2 7:30:00 *
 ARRIVAL 7.600000 GNRL FLT_153 67 TFN 3 ? ? 0 8.100000 GNRL FLT_154 DUN 15 ? ? 0 -2 7:35:59 *
 ARRIVAL 7.700000 GNRL FLT_155 52 TFN 5 ? ? 0 8.200000 GNRL FLT_156 DUN 17 ? ? 0 -2 7:41:59 *
 ARRIVAL 7.800000 GNRL FLT_157 67 TFN 4 ? ? 0 8.300000 GNRL FLT_158 DUN 15 ? ? 0 -2 7:48:00 *



ARRIVAL 7.900000 GNRL FLT_159 50 TFN 1 ? ? 0 8.400000 GNRL FLT_160 DUN 14 ? ? 0 -2 7:54:00 *

TRACE 8.000000 0; 0 1 *

ARRIVAL 8.000000 GNRL FLT_161 67 TFN 7 ? ? 0 8.500000 GNRL FLT_162 DUN 15 ? ? 0 -2 8:00:00 *

ARRIVAL 8.100000 GNRL FLT_163 67 TFN 5 ? ? 0 8.600000 GNRL FLT_164 DUN 8 ? ? 0 -2 8:06:00 *

ARRIVAL 8.200000 GNRL FLT_165 67 TFN 4 ? ? 0 8.700000 GNRL FLT_166 DUN 8 ? ? 0 -2 8:11:59 *

ARRIVAL 8.300000 GNRL FLT_167 13 TFN 18 ? ? 0 8.800000 GNRL FLT_168 DUN 14 ? ? 0 -2 8:18:00 *

ARRIVAL 8.400000 GNRL FLT_169 67 TFN 5 ? ? 0 8.900000 GNRL FLT_170 DUN 17 ? ? 0 -2 8:23:59 *

TRACE 8.500000 0; 0 1 *

ARRIVAL 8.500000 GNRL FLT_171 76 TFN 3 ? ? 0 9.000000 GNRL FLT_172 DUN 15 ? ? 0 -2 8:30:00 *

ARRIVAL 8.600000 GNRL FLT_173 35 TFN 18 ? ? 0 9.100000 GNRL FLT_174 DUN 13 ? ? 0 -2 8:36:00 *

ARRIVAL 8.700000 GNRL FLT_175 67 TFN 4 ? ? 0 9.200000 GNRL FLT_176 DUN 8 ? ? 0 -2 8:41:59 *

ARRIVAL 8.800000 GNRL FLT_177 31 TFN 18 ? ? 0 9.300000 GNRL FLT_178 DUN 14 ? ? 0 -2 8:48:00 *

ARRIVAL 8.900000 GNRL FLT_179 67 TFN 4 ? ? 0 9.400000 GNRL FLT_180 DUN 16 ? ? 0 -2 8:53:59 *

ARRIVAL 9.000000 GNRL FLT_181 67 TFN 7 ? ? 0 9.500000 GNRL FLT_182 DUN 16 ? ? 0 -2 9:00:00 *

TRACE 9.000000 0; 0 1 *

ARRIVAL 9.100000 GNRL FLT_183 24 TFN 7 ? ? 0 9.600000 GNRL FLT_184 DUN 13 ? ? 0 -2 9:06:00 *

ARRIVAL 9.200000 GNRL FLT_185 67 TFN 4 ? ? 0 9.700000 GNRL FLT_186 DUN 8 ? ? 0 -2 9:11:59 *

ARRIVAL 9.300000 GNRL FLT_187 76 TFN 1 ? ? 0 9.800000 GNRL FLT_188 DUN 11 ? ? 0 -2 9:18:00 *

ARRIVAL 9.400000 GNRL FLT_189 67 TFN 3 ? ? 0 9.900000 GNRL FLT_190 DUN 15 ? ? 0 -2 9:23:59 *

TRACE 9.500000 0; 0 1 *

ARRIVAL 9.500000 GNRL FLT_191 52 TFN 5 ? ? 0 10.000000 GNRL FLT_192 DUN 17 ? ? 0 -2 9:30:00 *

ARRIVAL 9.600000 GNRL FLT_193 67 TFN 4 ? ? 0 10.100000 GNRL FLT_194 DUN 15 ? ? 0 -2 9:36:00 *

ARRIVAL 9.700000 GNRL FLT_195 50 TFN 1 ? ? 0 10.200000 GNRL FLT_196 DUN 14 ? ? 0 -2 9:41:59 *

ARRIVAL 9.800000 GNRL FLT_197 67 TFN 7 ? ? 0 10.300000 GNRL FLT_198 DUN 15 ? ? 0 -2 9:48:00 *

ARRIVAL 9.900000 GNRL FLT_199 67 TFN 5 ? ? 0 10.400000 GNRL FLT_200 DUN 8 ? ? 0 -2 9:53:59 *

ARRIVAL 10.000000 GNRL FLT_201 67 TFN 4 ? ? 0 10.500000 GNRL FLT_202 DUN 8 ? ? 0 -2 10:00:00 *

TRACE 10.000000 0; 0 1 *

ARRIVAL 10.100000 GNRL FLT_203 13 TFN 18 ? ? 0 10.600000 GNRL FLT_204 DUN 14 ? ? 0 -2 10:06:00 *

ARRIVAL 10.200000 GNRL FLT_205 67 TFN 5 ? ? 0 10.700000 GNRL FLT_206 DUN 17 ? ? 0 -2 10:11:59 *

ARRIVAL 10.300000 GNRL FLT_207 76 TFN 3 ? ? 0 10.800000 GNRL FLT_208 DUN 15 ? ? 0 -2 10:18:00 *

ARRIVAL 10.400000 GNRL FLT_209 35 TFN 18 ? ? 0 10.900000 GNRL FLT_210 DUN 13 ? ? 0 -2 10:23:59 *

ARRIVAL 10.500000 GNRL FLT_211 67 TFN 4 ? ? 0 11.000000 GNRL FLT_212 DUN 8 ? ? 0 -2 10:30:00 *

TRACE 10.500000 0; 0 1 *

ARRIVAL 10.600000 GNRL FLT_213 31 TFN 18 ? ? 0 11.100000 GNRL FLT_214 DUN 14 ? ? 0 -2 10:36:00 *

ARRIVAL 10.700000 GNRL FLT_215 67 TFN 4 ? ? 0 11.200000 GNRL FLT_216 DUN 16 ? ? 0 -2 10:41:59 *

ARRIVAL 10.800000 GNRL FLT_217 67 TFN 7 ? ? 0 11.300000 GNRL FLT_218 DUN 16 ? ? 0 -2 10:48:00 *

ARRIVAL 10.900000 GNRL FLT_219 24 TFN 7 ? ? 0 11.400000 GNRL FLT_220 DUN 13 ? ? 0 -2 10:53:59 *

ARRIVAL 11.000000 GNRL FLT_221 67 TFN 4 ? ? 0 11.500000 GNRL FLT_222 DUN 8 ? ? 0 -2 11:00:00 *

TRACE 11.000000 0; 0 1 *

ARRIVAL 11.100000 GNRL FLT_223 76 TFN 1 ? ? 0 11.600000 GNRL FLT_224 DUN 11 ? ? 0 -2 11:06:00 *



ARRIVAL 11.200000 GNRL FLT_225 67 TFN 3 ? ? 0 11.700000 GNRL FLT_226 DUN 15 ? ? 0 -2 11:11:59 *
 ARRIVAL 11.300000 GNRL FLT_227 52 TFN 5 ? ? 0 11.800000 GNRL FLT_228 DUN 17 ? ? 0 -2 11:18:00 *
 ARRIVAL 11.400000 GNRL FLT_229 67 TFN 4 ? ? 0 11.900000 GNRL FLT_230 DUN 15 ? ? 0 -2 11:23:59 *

TRACE 11.500000 0; 0 1 *

ARRIVAL 11.500000 GNRL FLT_231 50 TFN 1 ? ? 0 12.000000 GNRL FLT_232 DUN 14 ? ? 0 -2 11:30:00 *
 ARRIVAL 11.600000 GNRL FLT_233 67 TFN 7 ? ? 0 12.100000 GNRL FLT_234 DUN 15 ? ? 0 -2 11:36:00 *
 ARRIVAL 11.700000 GNRL FLT_235 67 TFN 5 ? ? 0 12.200000 GNRL FLT_236 DUN 8 ? ? 0 -2 11:41:59 *
 ARRIVAL 11.800000 GNRL FLT_237 67 TFN 4 ? ? 0 12.300000 GNRL FLT_238 DUN 8 ? ? 0 -2 11:48:00 *
 ARRIVAL 11.900000 GNRL FLT_239 13 TFN 18 ? ? 0 12.400000 GNRL FLT_240 DUN 14 ? ? 0 -2 11:53:59 *

TRACE 12.000000 0; 0 1 *

ARRIVAL 12.000000 GNRL FLT_241 67 TFN 5 ? ? 0 12.500000 GNRL FLT_242 DUN 17 ? ? 0 -2 12:00:00 *
 ARRIVAL 12.100000 GNRL FLT_243 76 TFN 3 ? ? 0 12.600000 GNRL FLT_244 DUN 15 ? ? 0 -2 12:06:00 *
 ARRIVAL 12.200000 GNRL FLT_245 35 TFN 18 ? ? 0 12.700000 GNRL FLT_246 DUN 13 ? ? 0 -2 12:11:59 *
 ARRIVAL 12.300000 GNRL FLT_247 67 TFN 4 ? ? 0 12.800000 GNRL FLT_248 DUN 8 ? ? 0 -2 12:18:00 *
 ARRIVAL 12.400000 GNRL FLT_249 31 TFN 18 ? ? 0 12.900000 GNRL FLT_250 DUN 14 ? ? 0 -2 12:23:59 *
 ARRIVAL 12.500000 GNRL FLT_251 67 TFN 4 ? ? 0 13.000000 GNRL FLT_252 DUN 16 ? ? 0 -2 12:30:00 *

TRACE 12.500000 0; 0 1 *

ARRIVAL 12.600000 GNRL FLT_253 67 TFN 7 ? ? 0 13.100000 GNRL FLT_254 DUN 16 ? ? 0 -2 12:36:00 *
 ARRIVAL 12.700000 GNRL FLT_255 24 TFN 7 ? ? 0 13.200000 GNRL FLT_256 DUN 13 ? ? 0 -2 12:41:59 *
 ARRIVAL 12.800000 GNRL FLT_257 67 TFN 4 ? ? 0 13.300000 GNRL FLT_258 DUN 8 ? ? 0 -2 12:48:00 *
 ARRIVAL 12.900000 GNRL FLT_259 76 TFN 1 ? ? 0 13.400000 GNRL FLT_260 DUN 11 ? ? 0 -2 12:53:59 *
 ARRIVAL 13.000000 GNRL FLT_261 67 TFN 3 ? ? 0 13.500000 GNRL FLT_262 DUN 15 ? ? 0 -2 13:00:00 *

TRACE 13.000000 0; 0 1 *

ARRIVAL 13.100000 GNRL FLT_263 52 TFN 5 ? ? 0 13.600000 GNRL FLT_264 DUN 17 ? ? 0 -2 13:06:00 *
 ARRIVAL 13.200000 GNRL FLT_265 67 TFN 4 ? ? 0 13.700000 GNRL FLT_266 DUN 15 ? ? 0 -2 13:11:59 *
 ARRIVAL 13.300000 GNRL FLT_267 50 TFN 1 ? ? 0 13.800000 GNRL FLT_268 DUN 14 ? ? 0 -2 13:18:00 *
 ARRIVAL 13.400000 GNRL FLT_269 67 TFN 7 ? ? 0 13.900000 GNRL FLT_270 DUN 15 ? ? 0 -2 13:23:59 *
 ARRIVAL 13.500000 GNRL FLT_271 67 TFN 5 ? ? 0 14.000000 GNRL FLT_272 DUN 8 ? ? 0 -2 13:30:00 *

TRACE 13.500000 0; 0 1 *

ARRIVAL 13.600000 GNRL FLT_273 67 TFN 4 ? ? 0 14.100000 GNRL FLT_274 DUN 8 ? ? 0 -2 13:36:00 *
 ARRIVAL 13.700000 GNRL FLT_275 13 TFN 18 ? ? 0 14.200000 GNRL FLT_276 DUN 14 ? ? 0 -2 13:41:59 *
 ARRIVAL 13.800000 GNRL FLT_277 67 TFN 5 ? ? 0 14.300000 GNRL FLT_278 DUN 17 ? ? 0 -2 13:48:00 *
 ARRIVAL 13.900000 GNRL FLT_279 76 TFN 3 ? ? 0 14.400000 GNRL FLT_280 DUN 15 ? ? 0 -2 13:53:59 *
 ARRIVAL 14.000000 GNRL FLT_281 35 TFN 18 ? ? 0 14.500000 GNRL FLT_282 DUN 13 ? ? 0 -2 14:00:00 *

TRACE 14.000000 0; 0 1 *

ARRIVAL 14.100000 GNRL FLT_283 67 TFN 4 ? ? 0 14.600000 GNRL FLT_284 DUN 8 ? ? 0 -2 14:06:00 *
 ARRIVAL 14.200000 GNRL FLT_285 31 TFN 18 ? ? 0 14.700000 GNRL FLT_286 DUN 14 ? ? 0 -2 14:11:59 *
 ARRIVAL 14.300000 GNRL FLT_287 67 TFN 4 ? ? 0 14.800000 GNRL FLT_288 DUN 16 ? ? 0 -2 14:18:00 *
 ARRIVAL 14.400000 GNRL FLT_289 67 TFN 7 ? ? 0 14.900000 GNRL FLT_290 DUN 16 ? ? 0 -2 14:23:59 *
 ARRIVAL 14.500000 GNRL FLT_291 24 TFN 7 ? ? 0 15.000000 GNRL FLT_292 DUN 13 ? ? 0 -2 14:30:00 *



TRACE 14.500000 0; 0 1 *

ARRIVAL 14.600000 GNRL FLT_293 67 TFN 4 ? ? 0 15.100000 GNRL FLT_294 DUN 8 ? ? 0 -2 14:36:00 *
 ARRIVAL 14.700000 GNRL FLT_295 76 TFN 1 ? ? 0 15.200000 GNRL FLT_296 DUN 11 ? ? 0 -2 14:41:59 *
 ARRIVAL 14.800000 GNRL FLT_297 67 TFN 3 ? ? 0 15.300000 GNRL FLT_298 DUN 15 ? ? 0 -2 14:48:00 *
 ARRIVAL 14.900000 GNRL FLT_299 52 TFN 5 ? ? 0 15.400000 GNRL FLT_300 DUN 17 ? ? 0 -2 14:53:59 *

TRACE 15.000000 0; 0 1 *

ARRIVAL 15.000000 GNRL FLT_301 67 TFN 4 ? ? 0 15.500000 GNRL FLT_302 DUN 15 ? ? 0 -2 15:00:00 *
 ARRIVAL 15.100000 GNRL FLT_303 50 TFN 1 ? ? 0 15.600000 GNRL FLT_304 DUN 14 ? ? 0 -2 15:06:00 *
 ARRIVAL 15.200000 GNRL FLT_305 67 TFN 7 ? ? 0 15.700000 GNRL FLT_306 DUN 15 ? ? 0 -2 15:11:59 *
 ARRIVAL 15.300000 GNRL FLT_307 67 TFN 5 ? ? 0 15.800000 GNRL FLT_308 DUN 8 ? ? 0 -2 15:18:00 *
 ARRIVAL 15.400000 GNRL FLT_309 67 TFN 4 ? ? 0 15.900000 GNRL FLT_310 DUN 8 ? ? 0 -2 15:23:59 *

TRACE 15.500000 0; 0 1 *

ARRIVAL 15.500000 GNRL FLT_311 13 TFN 18 ? ? 0 16.000000 GNRL FLT_312 DUN 14 ? ? 0 -2 15:30:00 *
 ARRIVAL 15.600000 GNRL FLT_313 67 TFN 5 ? ? 0 16.100000 GNRL FLT_314 DUN 17 ? ? 0 -2 15:36:00 *
 ARRIVAL 15.700000 GNRL FLT_315 76 TFN 3 ? ? 0 16.200001 GNRL FLT_316 DUN 15 ? ? 0 -2 15:41:59 *
 ARRIVAL 15.800000 GNRL FLT_317 35 TFN 18 ? ? 0 16.299999 GNRL FLT_318 DUN 13 ? ? 0 -2 15:48:00 *
 ARRIVAL 15.900000 GNRL FLT_319 67 TFN 4 ? ? 0 16.400000 GNRL FLT_320 DUN 8 ? ? 0 -2 15:53:59 *
 ARRIVAL 16.000000 GNRL FLT_321 31 TFN 18 ? ? 0 16.500000 GNRL FLT_322 DUN 14 ? ? 0 -2 16:00:00 *

TRACE 16.000000 0; 0 1 *

ARRIVAL 16.100000 GNRL FLT_323 67 TFN 4 ? ? 0 16.600000 GNRL FLT_324 DUN 16 ? ? 0 -2 16:06:00 *
 ARRIVAL 16.200001 GNRL FLT_325 67 TFN 7 ? ? 0 16.700001 GNRL FLT_326 DUN 16 ? ? 0 -2 16:12:00 *
 ARRIVAL 16.299999 GNRL FLT_327 24 TFN 7 ? ? 0 16.799999 GNRL FLT_328 DUN 13 ? ? 0 -2 16:17:59 *
 ARRIVAL 16.400000 GNRL FLT_329 67 TFN 4 ? ? 0 16.900000 GNRL FLT_330 DUN 8 ? ? 0 -2 16:23:59 *
 ARRIVAL 16.500000 GNRL FLT_331 76 TFN 1 ? ? 0 17.000000 GNRL FLT_332 DUN 11 ? ? 0 -2 16:30:00 *

TRACE 16.500000 0; 0 1 *

ARRIVAL 16.600000 GNRL FLT_333 67 TFN 3 ? ? 0 17.100000 GNRL FLT_334 DUN 15 ? ? 0 -2 16:36:00 *
 ARRIVAL 16.700001 GNRL FLT_335 52 TFN 5 ? ? 0 17.200001 GNRL FLT_336 DUN 17 ? ? 0 -2 16:42:00 *
 ARRIVAL 16.799999 GNRL FLT_337 67 TFN 4 ? ? 0 17.299999 GNRL FLT_338 DUN 15 ? ? 0 -2 16:47:59 *
 ARRIVAL 16.900000 GNRL FLT_339 50 TFN 1 ? ? 0 17.400000 GNRL FLT_340 DUN 14 ? ? 0 -2 16:53:59 *

TRACE 17.000000 0; 0 1 *

ARRIVAL 17.000000 GNRL FLT_341 67 TFN 7 ? ? 0 17.500000 GNRL FLT_342 DUN 15 ? ? 0 -2 17:00:00 *
 ARRIVAL 17.100000 GNRL FLT_343 67 TFN 5 ? ? 0 17.600000 GNRL FLT_344 DUN 8 ? ? 0 -2 17:06:00 *
 ARRIVAL 17.200001 GNRL FLT_345 67 TFN 4 ? ? 0 17.700001 GNRL FLT_346 DUN 8 ? ? 0 -2 17:12:00 *
 ARRIVAL 17.299999 GNRL FLT_347 13 TFN 18 ? ? 0 17.799999 GNRL FLT_348 DUN 14 ? ? 0 -2 17:17:59 *
 ARRIVAL 17.400000 GNRL FLT_349 67 TFN 5 ? ? 0 17.900000 GNRL FLT_350 DUN 17 ? ? 0 -2 17:23:59 *

TRACE 17.500000 0; 0 1 *

ARRIVAL 17.500000 GNRL FLT_351 76 TFN 3 ? ? 0 18.000000 GNRL FLT_352 DUN 15 ? ? 0 -2 17:30:00 *
 ARRIVAL 17.600000 GNRL FLT_353 35 TFN 18 ? ? 0 18.100000 GNRL FLT_354 DUN 13 ? ? 0 -2 17:36:00 *
 ARRIVAL 17.700001 GNRL FLT_355 67 TFN 4 ? ? 0 18.200001 GNRL FLT_356 DUN 8 ? ? 0 -2 17:42:00 *
 ARRIVAL 17.799999 GNRL FLT_357 31 TFN 18 ? ? 0 18.299999 GNRL FLT_358 DUN 14 ? ? 0 -2 17:47:59 *
 ARRIVAL 17.900000 GNRL FLT_359 67 TFN 4 ? ? 0 18.400000 GNRL FLT_360 DUN 16 ? ? 0 -2 17:53:59 *

TRACE 18.000000 0 ; 0 1 *
TRACE 18.500000 0 ; 0 1 *
TRACE 19.000000 0 ; 0 1 *
TRACE 19.500000 0 ; 0 1 *
TRACE 20.000000 0 ; 0 1 *
TRACE 20.500000 0 ; 0 1 *
TRACE 21.000000 0 ; 0 1 *
TRACE 21.500000 0 ; 0 1 *
TRACE 22.000000 0 ; 0 1 *
TRACE 22.500000 0 ; 0 1 *
TRACE 23.000000 0 ; 0 1 *
TRACE 23.500000 0 ; 0 1 *
TRACE 24.000000 0 ; 0 1 *
TRACE 24.500000 0 ; 0 1 *
TRACE 25.000000 0 ; 0 1 *
TRACE 25.500000 0 ; 0 1 *
TRACE 26.000000 0 ; 0 1 *
END.SIM 26.000000 *





APÉNDICE C

INFORMES DE SALIDA

TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/26/1999 AT 09:40:17 (0) TFN Fri Feb 26 08:22:37 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)								
		T R A V E L		D E L A Y		AIR	T R A V E L			AIR	D E L A Y			TOT
		TOT	SDV	TOT	SDV		GND	GTE	TOT		GND	GTE		
00:00-01:00	4.00	127.7	7.37	20.4	3.42	29.35	2.57	31.55	63.47	5.07	.03	0	5.10	
01:00-02:00	10.00	343.8	6.50	107.8	11.67	31.97	2.41	36.87	71.25	10.75	.02	0	10.78	
02:00-03:00	11.00	361.8	8.37	337.2	15.15	30.45	2.43	33.51	66.40	30.54	.11	2.02	32.68	
03:00-04:00	12.00	416.4	7.82	355.3	7.63	32.31	2.39	37.29	71.98	29.54	.07	3.17	32.78	
04:00-05:00	11.00	378.4	7.44	393.9	17.21	31.91	2.50	28.79	63.19	35.69	.12	1.50	37.31	
05:00-06:00	11.00	383.6	8.11	469.1	9.10	32.46	2.41	36.94	71.81	42.57	.08	6.18	48.82	
06:00-07:00	12.00	419.3	7.59	546.4	12.58	32.56	2.39	42.54	77.49	45.44	.09	3.87	49.41	
07:00-08:00	11.00	369.0	7.71	557.8	21.35	31.21	2.34	34.98	68.52	50.66	.05	6.73	57.44	
08:00-09:00	10.00	356.3	8.10	596.9	17.86	33.24	2.39	38.16	73.79	59.60	.09	9.09	68.77	
09:00-10:00	12.00	386.1	7.36	827.9	28.40	29.75	2.42	35.22	67.39	68.91	.08	13.65	82.65	
10:00-11:00	12.00	404.2	7.55	928.4	9.49	31.20	2.48	30.03	63.72	77.24	.13	18.48	95.85	
11:00-12:00	12.00	427.0	8.19	872.3	22.68	33.09	2.49	41.81	77.39	72.43	.27	12.60	85.29	
12:00-13:00	11.00	359.3	7.43	908.6	9.19	30.34	2.33	32.95	65.61	81.83	.77	8.78	91.38	
13:00-14:00	10.00	358.7	7.81	930.1	8.37	33.41	2.45	30.76	66.62	92.04	.98	9.85	102.86	
14:00-15:00	10.50	368.6	7.95	1061.2	10.57	32.74	2.37	33.07	68.17	97.31	3.76	12.52	113.59	
15:00-16:00	10.10	322.9	6.48	1106.4	6.03	29.62	2.35	34.63	66.60	108.58	.96	8.06	117.60	
16:00-17:00	8.20	302.0	8.69	887.5	5.83	34.44	2.39	31.74	68.57	106.43	1.80	6.75	114.98	
17:00-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	
TFN ARR TOTALS:	177.80	6085.0	7.82	10907.3	33.00	31.81	2.41	35.00	69.22	60.81	.53	7.63	68.97	

This SIMMOD REPORT MODULE run was begun 02/26/1999 at approximately 09:43:42
 This page of the CMN.100.APT.PAGE report was finished at 09:43:49
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TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/26/1999 AT 09:40:17 (0) TFN Fri Feb 26 08:22:37 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	1.00	36.5	6.79	1.0	1.07	30.06	6.40	23.41	59.87	0	0	0	1.00	1.00	
01:00-02:00	5.60	237.1	14.85	10.9	2.16	35.96	6.38	23.41	65.75	.01	.31	0	1.61	1.94	
02:00-03:00	11.00	479.9	12.39	89.5	6.15	37.25	6.38	25.77	69.40	.55	3.65	1.75	3.93	9.89	
03:00-04:00	11.70	484.6	13.48	119.1	5.75	34.99	6.43	25.04	66.46	.27	5.50	1.25	4.40	11.43	
04:00-05:00	12.60	503.5	13.45	104.2	5.14	33.63	6.33	26.70	66.66	.24	4.31	1.65	3.72	9.91	
05:00-06:00	11.90	520.3	13.94	155.9	6.64	37.39	6.33	34.16	77.88	1.35	7.43	1.90	4.32	15.00	
06:00-07:00	12.80	537.5	13.30	239.3	11.58	35.56	6.43	38.15	80.14	.56	13.76	1.98	4.37	20.68	
07:00-08:00	13.10	529.9	13.68	288.2	14.36	34.05	6.40	35.79	76.24	.76	17.00	1.99	4.25	23.99	
08:00-09:00	12.40	568.0	12.65	310.0	11.78	39.51	6.29	38.04	83.84	.59	19.86	2.13	4.55	27.13	
09:00-10:00	12.00	475.4	14.14	311.4	11.10	33.14	6.47	34.20	73.81	.27	20.79	2.15	4.90	28.10	
10:00-11:00	12.00	529.8	12.44	369.0	8.69	37.85	6.30	34.54	78.69	.60	25.30	3.36	4.85	34.11	
11:00-12:00	12.30	506.5	13.67	423.9	10.41	34.64	6.54	38.51	79.69	.22	29.31	1.70	4.93	36.16	
12:00-13:00	11.40	442.0	13.57	514.4	8.06	32.31	6.46	37.72	76.49	.16	39.89	3.26	5.07	48.38	
13:00-14:00	12.30	545.6	12.88	642.6	10.80	37.98	6.38	35.77	80.13	.18	47.22	7.41	4.84	59.65	
14:00-15:00	13.00	525.9	13.28	829.5	11.23	34.03	6.42	34.59	75.04	.61	58.58	3.17	4.62	66.98	
15:00-16:00	12.30	494.1	12.95	827.3	13.54	33.76	6.40	35.61	75.78	.22	62.65	2.31	4.39	69.58	
16:00-17:00	11.70	482.4	13.68	786.0	12.25	34.81	6.41	35.70	76.93	.39	62.24	2.33	4.55	69.51	
17:00-18:00	14.70	607.8	13.22	709.2	18.87	34.94	6.41	31.84	73.19	.38	44.38	.50	3.49	48.74	
18:00-19:00	5.40	230.2	13.29	175.1	18.08	36.22	6.42	46.79	89.42	.63	28.67	0	3.13	32.43	
19:00-20:00	.90	28.5	8.73	0	0	25.23	6.43	75.81	107.48	0	0	0	0	0	
20:00-21:00	.60	19.4	14.08	0	.66	25.77	6.61	150.69	183.06	0	0	0	.29	.29	
21:00-22:00	.50	23.2	10.46	0	.42	39.95	6.45	52.46	98.86	0	0	0	.21	.21	
22:00-23:00	.10	3.9	0	0	0	31.88	7.03	297.32	336.23	0	0	0	0	0	
23:00-24:00	.10	2.5	0	0	0	17.93	6.62	176.58	201.13	0	0	0	0	0	
TFN DEP TOTALS:	211.40	8814.3	13.47	6906.8	23.45	35.29	6.40	34.67	76.37	.45	27.96	2.25	4.27	34.92	

This SIMMOD REPORT MODULE run was begun 02/26/1999 at approximately 09:43:42
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TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/26/1999 AT 10:06:47 (0) TFN Fri Feb 26 08:22:37 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.3	3.74	10.5	2.56	25.74	2.35	30.75	58.84	3.49	.02	0	3.51
01:00-02:00	10.00	354.9	7.20	56.5	5.13	32.94	2.55	31.76	67.25	5.61	.04	0	5.65
02:00-03:00	9.00	304.7	8.49	185.4	17.89	31.49	2.37	34.88	68.74	20.53	.07	0	20.61
03:00-04:00	10.00	353.6	7.07	159.9	9.35	32.98	2.38	36.41	71.77	15.92	.08	.06	16.05
04:00-05:00	10.00	331.1	7.58	185.8	12.05	30.63	2.48	33.15	66.26	18.51	.07	.35	18.93
05:00-06:00	9.00	317.2	7.37	103.1	11.15	32.97	2.27	38.82	74.06	11.38	.08	1.03	12.49
06:00-07:00	11.00	354.4	7.81	364.6	16.24	29.75	2.47	36.23	68.45	33.04	.10	1.55	34.70
07:00-08:00	11.00	397.4	7.99	147.9	7.02	33.72	2.40	41.21	77.34	13.39	.05	3.60	17.04
08:00-09:00	10.00	319.3	6.90	128.7	9.60	29.49	2.43	31.43	63.36	12.76	.12	2.29	15.16
09:00-10:00	10.00	347.6	8.50	146.3	7.13	32.40	2.36	33.38	68.15	14.55	.08	2.33	16.96
10:00-11:00	10.00	354.9	7.22	106.6	9.38	32.94	2.55	38.09	73.58	10.55	.10	.41	11.07
11:00-12:00	10.00	339.9	8.00	144.5	6.46	31.61	2.38	34.87	68.87	14.36	.09	.36	14.81
12:00-13:00	10.00	344.0	7.95	116.8	9.41	31.93	2.47	41.66	76.06	11.57	.10	1.40	13.07
13:00-14:00	10.00	335.1	6.99	120.3	8.13	31.16	2.35	28.91	62.43	11.94	.09	1.57	13.60
14:00-15:00	10.00	356.5	8.08	126.5	8.59	33.24	2.41	33.99	69.64	12.56	.09	.90	13.55
15:00-16:00	11.00	343.0	6.85	169.9	8.80	28.80	2.38	36.05	67.24	15.38	.07	2.14	17.58
16:00-17:00	9.00	339.8	7.71	104.2	7.78	35.36	2.39	42.77	80.52	11.51	.07	1.07	12.65
17:00-18:00	10.00	319.1	6.91	128.1	9.60	29.49	2.42	32.78	64.69	12.76	.06	1.59	14.40
18:00-19:00	7.00	263.7	8.36	80.2	5.34	35.26	2.42	29.33	67.01	11.37	.08	.74	12.19
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	180.00	6160.5	7.82	2585.8	11.47	31.81	2.42	35.33	69.55	14.29	.08	1.21	15.57

This SIMMOD REPORT MODULE run was begun 02/26/1999 at approximately 10:11:24
 This page of the CMN.100.APT.PAGE report was finished at 10:11:32
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=8280 TOP.FLIGHT=414



TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/26/1999 AT 10:06:47 (0) TFN Fri Feb 26 08:22:37 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)								
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT
00:00-01:00	1.70	78.4	11.11	0	.45	39.78	6.33	22.07	68.18	0	0	0	.23	.23
01:00-02:00	6.00	234.3	14.43	13.3	2.37	32.55	6.50	22.08	61.13	.07	.36	.08	1.79	2.29
02:00-03:00	10.40	434.9	12.65	38.8	3.62	35.45	6.38	27.10	68.93	.32	.93	.50	2.48	4.23
03:00-04:00	10.70	455.3	13.47	47.4	3.85	36.15	6.40	29.61	72.16	.61	1.13	.52	2.68	4.95
04:00-05:00	10.40	440.9	14.19	73.8	6.43	36.02	6.38	27.52	69.92	.35	3.45	1.10	3.29	8.20
05:00-06:00	13.30	557.7	13.08	156.5	6.08	35.53	6.40	31.93	73.86	.87	7.08	3.65	3.82	15.42
06:00-07:00	11.20	500.7	13.21	150.4	9.06	38.41	6.29	34.20	78.90	.78	8.31	1.66	4.33	15.09
07:00-08:00	12.40	495.4	12.72	192.7	8.84	33.55	6.40	33.61	73.57	.18	11.23	1.13	4.13	16.67
08:00-09:00	12.70	536.1	13.89	191.9	8.77	35.85	6.36	27.41	69.62	.37	10.53	1.02	4.21	16.14
09:00-10:00	12.80	520.4	12.57	240.5	7.58	34.21	6.44	43.25	83.91	.60	13.86	.70	4.33	19.49
10:00-11:00	12.70	507.7	14.04	201.3	7.35	33.58	6.39	31.43	71.40	.17	11.30	3.75	4.38	19.61
11:00-12:00	13.70	572.6	13.38	278.0	9.29	35.39	6.40	36.74	78.53	.99	15.18	1.11	4.12	21.40
12:00-13:00	13.00	553.9	13.98	261.6	10.12	36.24	6.36	36.70	79.31	.43	15.30	1.91	4.40	22.04
13:00-14:00	12.80	535.1	13.24	224.4	11.23	35.42	6.38	35.12	76.93	.56	12.89	1.55	4.08	19.08
14:00-15:00	13.70	575.1	14.12	237.6	9.50	35.55	6.43	35.41	77.39	.26	12.83	1.14	4.25	18.48
15:00-16:00	12.90	528.8	12.69	241.9	11.35	34.60	6.40	37.59	78.59	.51	14.02	1.05	4.23	19.80
16:00-17:00	13.80	555.3	12.97	252.3	9.31	33.82	6.41	29.17	69.41	.63	13.56	1.98	4.09	20.26
17:00-18:00	12.50	525.2	14.25	189.8	8.93	35.66	6.35	31.84	73.85	.33	10.60	2.41	4.25	17.59
18:00-19:00	13.80	593.4	13.18	210.4	8.40	36.62	6.37	31.38	74.37	1.13	10.34	1.87	3.77	17.11
19:00-20:00	10.90	464.4	13.25	93.6	7.27	36.23	6.37	32.92	75.53	.64	5.32	.16	2.63	8.74
20:00-21:00	1.40	51.6	11.69	0	.92	30.18	6.68	92.02	128.89	0	.01	.11	.31	.43
21:00-22:00	.50	14.7	6.09	0	0	22.70	6.76	113.32	142.78	0	0	0	0	0
22:00-23:00	.60	21.8	13.07	0	0	29.74	6.55	113.00	149.29	0	0	0	0	0
23:00-24:00	.10	3.4	0	0	0	27.80	6.60	295.33	329.73	0	0	0	0	0
TFN DEP TOTALS:	234.00	9756.9	13.46	3297.0	9.96	35.30	6.39	33.57	75.27	.53	9.79	1.49	3.78	15.57

This SIMMOD REPORT MODULE run was begun 02/26/1999 at approximately 10:11:24
 This page of the CMN.100.APT.PAGE report was finished at 10:11:32
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=8280 TOP.FLIGHT=414



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/26/1999 AT 09:48:49 (0) TFN Fri Feb 26 08:22:37 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.77	10.5	2.55	25.74	2.38	29.27	57.39	3.49	.01	0	3.50
01:00-02:00	10.00	355.0	7.22	56.6	5.09	32.94	2.56	33.88	69.37	5.61	.05	0	5.66
02:00-03:00	9.00	304.6	8.51	185.2	17.87	31.49	2.36	38.47	72.31	20.53	.05	0	20.58
03:00-04:00	10.00	353.6	7.07	160.0	9.39	32.98	2.39	31.94	67.30	15.92	.08	0	16.00
04:00-05:00	10.00	330.9	7.56	186.5	12.14	30.63	2.45	31.59	64.67	18.51	.13	.52	19.17
05:00-06:00	9.00	317.3	7.36	103.4	11.11	32.97	2.28	30.03	65.28	11.38	.11	.03	11.51
06:00-07:00	11.00	354.6	7.82	364.1	16.27	29.75	2.48	32.78	65.01	33.04	.06	.57	33.67
07:00-08:00	11.00	397.4	8.01	148.6	7.00	33.72	2.40	41.98	78.11	13.39	.12	1.35	14.86
08:00-09:00	10.00	319.2	6.86	128.7	9.66	29.49	2.43	36.93	68.85	12.76	.11	1.88	14.76
09:00-10:00	10.00	347.9	8.52	145.9	7.11	32.40	2.38	32.95	67.73	14.55	.04	1.54	16.14
10:00-11:00	10.00	354.8	7.22	106.3	9.42	32.94	2.55	42.31	77.79	10.55	.08	1.74	12.37
11:00-12:00	10.00	340.1	8.04	144.4	6.47	31.61	2.39	33.99	68.00	14.36	.09	.20	14.65
12:00-13:00	10.00	343.9	7.97	116.8	9.39	31.93	2.47	40.56	74.95	11.57	.10	1.19	12.87
13:00-14:00	10.00	335.0	6.95	119.8	8.13	31.16	2.34	34.01	67.51	11.94	.05	.37	12.35
14:00-15:00	10.00	356.6	8.10	126.0	8.56	33.24	2.42	29.30	64.97	12.56	.05	.15	12.75
15:00-16:00	11.00	343.2	6.87	170.2	8.83	28.80	2.39	38.98	70.18	15.38	.10	.87	16.35
16:00-17:00	9.00	339.8	7.72	104.2	7.80	35.36	2.39	35.16	72.91	11.51	.07	.18	11.76
17:00-18:00	10.00	319.1	6.86	128.0	9.62	29.49	2.42	28.92	60.84	12.76	.04	.36	13.16
18:00-19:00	7.00	263.4	8.42	80.2	5.36	35.26	2.37	35.65	73.27	11.37	.08	0	11.45
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	180.00	6160.6	7.82	2585.5	11.48	31.81	2.42	34.92	69.14	14.29	.08	.62	14.99

This SIMMOD REPORT MODULE run was begun 02/26/1999 at approximately 09:53:08
 This page of the CMN.100.APT.PAGE report was finished at 09:53:16
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=7920 TOP.FLIGHT=396



TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/26/1999 AT 09:48:49 (0) TFN Fri Feb 26 08:22:37 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	.90	30.9	.21	.7	1.06	27.80	6.58	20.87	55.25	0	.06	0	.69	.76	
01:00-02:00	6.00	249.3	14.98	12.1	2.46	35.10	6.45	22.25	63.79	.04	.49	.21	1.49	2.23	
02:00-03:00	9.10	392.9	14.22	35.6	4.33	36.79	6.39	25.58	68.75	.19	1.16	.14	2.56	4.06	
03:00-04:00	10.60	438.5	11.90	43.8	3.93	34.97	6.40	28.55	69.92	.06	1.26	.37	2.81	4.50	
04:00-05:00	10.80	461.0	13.67	89.5	5.68	36.31	6.38	27.41	70.10	.82	3.59	1.73	3.87	10.01	
05:00-06:00	12.50	494.3	13.46	77.6	4.75	33.10	6.45	30.93	70.48	.19	2.82	1.57	3.20	7.78	
06:00-07:00	9.70	442.5	12.60	51.9	4.89	39.35	6.26	30.05	75.66	.21	2.04	1.95	3.10	7.31	
07:00-08:00	12.80	509.2	12.70	130.1	6.35	33.35	6.44	31.13	70.92	.43	5.80	2.88	3.93	13.05	
08:00-09:00	13.00	551.9	14.14	129.5	6.84	36.11	6.34	30.29	72.74	.48	5.50	.51	3.98	10.47	
09:00-10:00	11.40	466.6	12.95	100.3	7.47	34.46	6.47	34.85	75.78	.45	4.90	1.20	3.45	10.00	
10:00-11:00	12.20	531.6	13.64	80.0	4.72	37.24	6.34	33.56	77.14	.16	2.84	.70	3.56	7.25	
11:00-12:00	12.10	486.7	13.78	101.6	6.42	33.74	6.49	38.00	78.22	.31	4.75	.56	3.34	8.96	
12:00-13:00	12.10	511.4	13.01	95.6	5.74	35.91	6.36	27.73	70.00	.25	4.05	.36	3.59	8.26	
13:00-14:00	11.80	485.9	13.16	88.5	5.11	34.80	6.37	31.09	72.27	.61	3.30	1.58	3.59	9.08	
14:00-15:00	12.80	519.2	13.91	116.9	6.19	34.11	6.45	36.75	77.31	.32	5.16	.78	3.65	9.91	
15:00-16:00	11.30	477.4	13.89	85.1	6.31	35.97	6.28	31.06	73.31	.20	4.07	2.94	3.26	10.47	
16:00-17:00	13.00	553.3	12.19	131.5	6.53	36.11	6.44	28.89	71.45	.40	5.97	1.62	3.74	11.73	
17:00-18:00	12.20	506.6	13.91	102.5	5.58	35.20	6.32	33.13	74.65	.47	4.02	1.07	3.91	9.47	
18:00-19:00	10.90	446.8	13.24	86.1	7.20	34.55	6.44	32.17	73.16	.23	4.38	.63	3.29	8.53	
19:00-20:00	7.90	341.5	13.66	18.5	3.31	36.91	6.32	43.16	86.39	.16	.80	.24	1.38	2.58	
20:00-21:00	1.40	54.6	12.20	0	.36	32.25	6.79	136.87	175.90	0	0	0	.15	.15	
21:00-22:00	.80	27.3	9.31	1.1	2.66	27.40	6.69	74.30	108.38	0	.54	0	.88	1.42	
22:00-23:00	.50	19.9	18.93	0	0	33.16	6.74	189.42	229.31	0	0	0	0	0	
23:00-24:00	.20	7.8	14.46	0	0	32.45	6.64	72.96	112.05	0	0	0	0	0	
TFN DEP TOTALS:	216.00	9007.3	13.46	1578.8	6.17	35.30	6.40	32.76	74.46	.32	3.68	1.14	3.30	8.44	

This SIMMOD REPORT MODULE run was begun 02/26/1999 at approximately 09:53:08
 This page of the CMN.100.APT.PAGE report was finished at 09:53:16
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=7920 TOP.FLIGHT=396



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:48:56 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.85	14.4	3.70	25.74	2.38	34.23	62.36	4.79	0	0	4.79
01:00-02:00	11.00	378.1	7.43	133.4	11.23	31.91	2.46	30.73	65.10	12.10	.03	0	12.13
02:00-03:00	10.00	341.0	8.20	278.8	15.92	31.64	2.46	31.21	65.32	27.81	.08	0	27.88
03:00-04:00	11.00	386.5	7.89	324.9	8.59	32.72	2.42	34.56	69.69	29.46	.08	.33	29.86
04:00-05:00	11.00	378.6	7.21	334.5	17.09	31.95	2.47	34.45	68.87	30.25	.15	.14	30.55
05:00-06:00	11.00	363.8	8.14	496.6	20.09	30.81	2.26	29.32	62.39	45.06	.09	2.43	47.57
06:00-07:00	11.00	379.5	7.55	477.8	15.93	31.93	2.57	31.76	66.26	43.33	.11	3.68	47.11
07:00-08:00	11.00	369.6	7.78	537.7	7.97	31.24	2.36	32.78	66.38	48.68	.20	0	48.88
08:00-09:00	11.00	391.9	7.47	513.0	12.31	33.25	2.37	37.14	72.76	46.52	.12	1.14	47.78
09:00-10:00	11.00	359.7	7.49	629.8	16.43	30.21	2.50	26.77	59.47	57.17	.09	2.19	59.45
10:00-11:00	11.00	391.1	8.47	633.3	7.33	33.17	2.38	32.41	67.97	57.41	.16	2.33	59.91
11:00-12:00	12.00	421.8	7.60	703.5	22.82	32.72	2.43	30.94	66.09	58.46	.17	6.08	64.71
12:00-13:00	11.00	352.4	6.53	699.0	5.76	29.61	2.42	38.57	70.60	63.42	.13	2.59	66.14
13:00-14:00	9.00	330.8	8.73	516.7	6.41	34.37	2.38	42.89	79.64	57.24	.17	.39	57.80
14:00-15:00	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00-16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4929.2	7.82	6293.3	21.01	31.81	2.42	33.23	67.46	43.59	.12	1.66	45.37

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:50:45
 This page of the CMN.100.APT.PAGE report was finished at 16:50:50
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:48:56 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				QUE	TOT
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE			
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	3.50	154.0	14.49	5.1	1.70	37.60	6.39	22.32	66.32	0	.20	0	1.26	1.46	
02:00-03:00	9.10	382.9	13.23	25.3	2.83	35.70	6.38	26.51	68.59	.28	.56	0	1.94	2.78	
03:00-04:00	9.20	360.5	12.30	38.4	3.75	32.78	6.40	25.21	64.40	.21	1.16	0	2.80	4.17	
04:00-05:00	10.80	459.4	13.53	46.1	3.93	36.18	6.35	27.77	70.30	.07	1.63	0	2.58	4.27	
05:00-06:00	9.50	425.1	13.10	54.7	5.53	38.35	6.39	32.97	77.71	.70	2.10	0	2.96	5.76	
06:00-07:00	10.80	443.0	13.77	60.5	4.79	34.65	6.37	28.44	69.46	.44	2.27	0	2.89	5.60	
07:00-08:00	11.00	452.4	13.42	58.2	4.38	34.76	6.37	31.78	72.91	.50	1.85	0	2.94	5.29	
08:00-09:00	11.70	482.5	13.34	66.1	4.78	34.80	6.44	31.54	72.78	.38	2.36	0	2.91	5.65	
09:00-10:00	11.20	465.5	13.18	60.7	4.82	35.18	6.38	34.51	76.07	.22	2.28	0	2.92	5.42	
10:00-11:00	9.50	396.0	12.91	56.6	5.25	35.24	6.45	32.00	73.69	.20	2.53	0	3.23	5.96	
11:00-12:00	11.40	487.6	14.31	99.5	6.09	36.43	6.35	35.81	78.58	.20	4.74	0	3.79	8.73	
12:00-13:00	11.80	489.5	13.82	83.7	6.46	35.12	6.36	32.47	73.95	.66	3.42	0	3.02	7.10	
13:00-14:00	11.60	470.8	12.50	65.7	4.64	34.11	6.47	37.76	78.34	.69	2.03	0	2.95	5.67	
14:00-15:00	8.90	392.7	14.00	25.5	3.47	37.78	6.35	38.91	83.04	.47	.85	0	1.55	2.86	
15:00-16:00	1.40	49.8	13.64	0	.15	29.03	6.58	73.75	109.36	0	0	0	.04	.04	
16:00-17:00	1.00	35.8	14.21	0	0	29.21	6.62	98.86	134.69	0	0	0	0	0	
17:00-18:00	.80	28.0	7.62	0	0	28.61	6.41	107.85	142.87	0	0	0	0	0	
18:00-19:00	.70	25.3	8.13	0	0	29.58	6.63	115.41	151.62	0	0	0	0	0	
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20:00-21:00	.10	3.9	0	0	0	31.88	7.00	218.68	257.57	0	0	0	0	0	
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TFN DEP TOTALS:	144.00	6004.7	13.46	746.3	5.05	35.30	6.39	33.66	75.36	.37	2.09	0	2.72	5.18	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:50:45
 This page of the CMN.100.APT.PAGE report was finished at 16:50:51
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:31:25 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.2	3.82	13.5	3.45	25.74	2.34	48.52	76.60	4.49	0	0	4.49
01:00-02:00	10.00	353.6	7.08	114.9	12.08	32.91	2.46	37.04	72.40	11.39	.10	0	11.49
02:00-03:00	11.00	365.4	8.30	310.7	18.46	30.76	2.46	27.85	61.07	28.10	.14	1.11	29.36
03:00-04:00	11.00	386.2	7.91	244.4	9.62	32.72	2.39	31.55	66.65	21.99	.22	2.04	24.26
04:00-05:00	11.00	352.1	6.54	272.7	6.18	29.61	2.39	31.66	63.67	24.72	.07	.26	25.04
05:00-06:00	11.00	390.8	8.42	238.2	8.43	33.15	2.38	31.64	67.16	21.37	.29	1.05	22.71
06:00-07:00	11.00	396.9	7.14	223.2	8.99	33.63	2.45	36.17	72.25	20.25	.05	1.55	21.85
07:00-08:00	11.00	355.6	7.64	266.9	5.51	29.84	2.48	35.34	67.67	24.03	.23	1.71	25.97
08:00-09:00	12.00	429.0	7.83	273.3	8.89	33.37	2.37	34.24	69.98	22.41	.36	.69	23.46
09:00-10:00	11.00	362.4	7.35	266.8	7.85	30.53	2.41	36.59	69.53	23.92	.33	.65	24.90
10:00-11:00	11.00	383.0	8.09	244.5	7.71	32.37	2.45	29.90	64.71	21.93	.30	.20	22.43
11:00-12:00	11.00	386.3	7.94	244.3	9.65	32.72	2.41	34.89	70.01	22.00	.21	1.14	23.35
12:00-13:00	11.00	352.1	6.49	273.7	6.33	29.61	2.39	33.09	65.10	24.67	.21	1.48	26.36
13:00-14:00	9.00	331.0	8.71	191.6	9.04	34.37	2.41	40.77	77.55	21.21	.08	1.42	22.72
14:00-15:00	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00-16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4928.6	7.82	3178.6	10.53	31.81	2.42	34.09	68.32	21.87	.20	1.00	23.07

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:34:26
 This page of the CMN.100.APT.PAGE report was finished at 16:34:33
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:31:25 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

Page #8

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)				D E L A Y				
		T R A V E L TOT	SDV	D E L A Y TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	2.50	101.6	14.05	3.6	2.12	34.28	6.36	23.25	63.89	0	.40	0	1.04	1.44
02:00-03:00	8.30	368.3	12.61	24.5	3.30	38.05	6.33	25.69	70.06	.03	.78	0	2.14	2.95
03:00-04:00	10.20	403.4	13.36	52.2	4.46	33.08	6.47	27.48	67.02	.26	1.70	0	3.16	5.12
04:00-05:00	10.00	417.6	13.57	51.8	3.97	35.45	6.31	25.36	67.12	.37	1.48	0	3.32	5.18
05:00-06:00	11.30	482.6	13.31	83.3	6.52	36.31	6.40	36.12	78.83	.33	3.58	0	3.47	7.37
06:00-07:00	10.40	436.1	13.53	78.4	6.08	35.61	6.32	26.66	68.59	.09	3.79	0	3.66	7.54
07:00-08:00	11.00	451.6	13.57	80.2	5.57	34.63	6.42	36.00	77.05	.46	3.19	0	3.65	7.29
08:00-09:00	11.20	449.0	12.31	96.4	7.73	33.67	6.42	39.64	79.73	.07	4.73	0	3.80	8.61
09:00-10:00	10.70	458.1	14.39	110.4	6.83	36.44	6.38	31.56	74.38	.30	5.94	0	4.08	10.32
10:00-11:00	11.30	478.0	13.36	134.0	8.23	35.88	6.42	32.39	74.69	.45	7.21	0	4.20	11.86
11:00-12:00	12.00	500.0	13.47	129.4	6.12	35.28	6.39	28.25	69.92	.09	6.19	0	4.51	10.78
12:00-13:00	10.60	448.5	13.63	71.2	5.36	35.95	6.36	33.90	76.21	.40	2.80	0	3.51	6.71
13:00-14:00	11.00	452.2	12.11	84.2	5.77	34.69	6.42	26.70	67.81	.11	3.81	0	3.74	7.66
14:00-15:00	9.90	417.9	14.43	33.3	3.45	35.75	6.46	42.93	85.14	.27	1.22	0	1.87	3.37
15:00-16:00	1.40	63.4	14.52	1.6	1.65	38.94	6.36	81.70	127.00	.02	.35	0	.77	1.14
16:00-17:00	.80	31.4	8.46	0	0	32.75	6.55	97.01	136.31	0	0	0	0	0
17:00-18:00	.90	27.8	12.07	0	0	24.36	6.51	123.76	154.63	0	0	0	0	0
18:00-19:00	.30	10.2	13.40	0	0	27.61	6.52	97.73	131.86	0	0	0	0	0
19:00-20:00	.20	7.2	2.94	0	0	29.38	6.63	156.80	192.81	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN DEP TOTALS:	144.00	6004.8	13.45	1034.5	6.46	35.30	6.40	33.44	75.14	.24	3.55	0	3.40	7.18

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:34:26
 This page of the CMN.100.APT.PAGE report was finished at 16:34:33
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288

Page #8



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:36:59 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.5	3.78	12.8	3.29	25.74	2.43	28.43	56.60	4.26	0	0	4.26
01:00-02:00	10.00	336.3	7.38	104.2	9.04	31.14	2.49	37.93	71.56	10.39	.03	0	10.42
02:00-03:00	11.00	388.2	7.63	142.3	7.45	32.87	2.42	38.34	73.63	12.90	.03	0	12.93
03:00-04:00	9.00	322.0	7.28	78.3	8.17	33.38	2.40	33.50	69.27	8.52	.18	.82	9.52
04:00-05:00	11.00	353.4	7.68	261.7	13.06	29.72	2.40	36.60	68.72	23.69	.10	0	23.79
05:00-06:00	11.00	397.1	7.98	201.3	8.90	33.72	2.38	35.45	71.55	18.16	.14	.68	18.98
06:00-07:00	11.00	362.7	7.36	188.4	9.49	30.53	2.44	27.48	60.45	16.92	.21	1.62	18.75
07:00-08:00	11.00	383.0	8.10	147.2	7.10	32.37	2.45	35.42	70.24	13.28	.10	.14	13.52
08:00-09:00	9.00	318.3	7.51	82.7	7.76	33.00	2.37	32.17	67.54	8.96	.22	1.66	10.84
09:00-10:00	11.00	351.7	7.63	235.3	14.69	29.54	2.44	39.93	71.90	21.32	.06	2.19	23.58
10:00-11:00	10.00	356.7	8.09	191.8	9.50	33.24	2.43	34.21	69.89	19.07	.11	.84	20.02
11:00-12:00	12.00	394.8	6.91	204.9	9.18	30.53	2.37	31.03	63.93	16.93	.14	2.20	19.28
12:00-13:00	11.00	391.3	8.47	154.7	7.13	33.11	2.46	44.20	79.77	13.93	.13	.31	14.38
13:00-14:00	10.00	353.8	7.07	93.0	7.32	32.98	2.40	26.68	62.05	9.15	.15	1.70	10.99
14:00-15:00	4.00	134.6	9.29	73.1	12.12	31.34	2.31	30.34	64.00	18.13	.15	0	18.28
15:00-16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4928.4	7.81	2171.5	10.62	31.81	2.42	34.65	68.88	14.96	.12	.89	15.97

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:39:04
 This page of the CMN.100.APT.PAGE report was finished at 16:39:10
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TEN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:36:59 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

Page #8

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	2.90	114.2	13.52	3.3	1.49	32.95	6.44	23.62	63.01	0	.25	0	.88	1.13	
02:00-03:00	7.70	317.6	14.18	22.0	2.76	34.88	6.36	26.51	67.76	.04	.70	0	2.11	2.86	
03:00-04:00	11.00	481.6	12.87	40.2	3.29	37.41	6.37	25.74	69.52	.30	.91	0	2.44	3.65	
04:00-05:00	8.70	364.1	13.56	32.7	3.52	35.57	6.27	29.09	70.94	.07	1.13	0	2.57	3.76	
05:00-06:00	11.20	466.8	12.82	66.7	4.46	35.23	6.45	33.76	75.44	.13	2.39	0	3.45	5.96	
06:00-07:00	10.40	426.0	13.37	40.0	3.80	34.62	6.34	34.96	75.91	.14	1.32	0	2.38	3.84	
07:00-08:00	10.60	409.5	13.60	86.4	5.76	32.17	6.46	29.91	68.54	.13	4.09	0	3.93	8.15	
08:00-09:00	11.50	507.5	13.00	76.4	5.80	37.75	6.38	29.44	73.57	.29	3.29	0	3.06	6.64	
09:00-10:00	8.90	378.6	13.35	49.0	5.87	36.22	6.32	29.72	72.26	.04	2.62	0	2.85	5.51	
10:00-11:00	10.20	429.4	13.31	45.2	3.74	35.65	6.45	32.96	75.06	.13	1.56	0	2.74	4.43	
11:00-12:00	10.50	420.1	13.93	55.5	4.39	33.63	6.38	30.69	70.70	.02	2.08	0	3.19	5.29	
12:00-13:00	11.30	476.8	13.49	76.4	4.48	35.76	6.44	33.24	75.43	.19	2.67	0	3.90	6.77	
13:00-14:00	10.80	462.7	13.24	51.7	4.06	36.55	6.30	31.64	74.48	.14	1.71	0	2.94	4.79	
14:00-15:00	10.40	430.3	13.35	57.3	5.23	35.00	6.37	31.01	72.38	.53	2.39	0	2.59	5.51	
15:00-16:00	5.10	223.6	12.95	4.9	1.95	37.38	6.46	38.84	82.68	.07	.30	0	.59	.97	
16:00-17:00	1.40	45.8	11.90	1.0	1.40	26.06	6.64	100.89	133.59	0	.15	0	.57	.72	
17:00-18:00	.60	23.2	14.67	0	0	32.09	6.51	109.40	148.00	0	0	0	0	0	
18:00-19:00	.50	14.9	4.45	0	0	23.29	6.58	222.64	252.51	0	0	0	0	0	
19:00-20:00	.20	7.8	.03	0	0	31.88	7.03	269.85	308.77	0	0	0	0	0	
20:00-21:00	.10	3.3	0	0	0	26.87	6.58	299.83	333.28	0	0	0	0	0	
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TFN DEP TOTALS:	144.00	6003.9	13.45	708.8	4.73	35.30	6.39	33.12	74.81	.16	1.97	0	2.79	4.92	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:39:04
 This page of the CMN.100.APT.PAGE report was finished at 16:39:10
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288

Page #8



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 15:58:38 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.71	10.5	2.55	25.74	2.38	36.16	64.28	3.49	0	0	3.49
01:00-02:00	10.00	354.9	7.16	56.1	5.09	32.94	2.55	40.85	76.34	5.61	0	0	5.61
02:00-03:00	9.00	304.8	8.48	185.0	17.90	31.49	2.38	29.59	63.46	20.53	.02	0	20.55
03:00-04:00	10.00	353.5	7.07	160.3	9.38	32.98	2.37	38.70	74.05	15.92	.12	0	16.03
04:00-05:00	10.00	331.2	7.59	185.8	12.10	30.63	2.48	40.33	73.45	18.51	.07	.82	19.40
05:00-06:00	9.00	317.2	7.36	103.3	11.16	32.97	2.27	26.43	61.67	11.38	.10	2.90	14.38
06:00-07:00	11.00	354.6	7.82	364.8	16.25	29.75	2.48	33.03	65.27	33.04	.12	.81	33.97
07:00-08:00	11.00	397.5	7.98	148.4	7.10	33.72	2.41	33.38	69.52	13.39	.10	2.12	15.61
08:00-09:00	10.00	319.2	6.88	129.4	9.73	29.49	2.42	25.26	57.17	12.76	.18	0	12.94
09:00-10:00	10.00	347.8	8.50	147.1	7.05	32.40	2.38	36.13	70.92	14.55	.16	.11	14.82
10:00-11:00	10.00	354.8	7.21	106.8	9.49	32.94	2.54	30.19	65.67	10.55	.12	0	10.68
11:00-12:00	10.00	339.8	8.06	145.1	6.49	31.61	2.37	36.30	70.28	14.36	.15	.14	14.65
12:00-13:00	10.00	344.2	7.89	116.9	9.43	31.93	2.50	31.53	65.95	11.57	.12	1.05	12.74
13:00-14:00	10.00	335.5	6.96	120.4	8.07	31.16	2.39	35.05	68.60	11.94	.10	.76	12.80
14:00-15:00	11.00	390.2	8.63	144.3	8.10	33.10	2.38	36.02	71.50	13.01	.10	0	13.11
15:00-16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4929.5	7.81	2124.2	12.09	31.81	2.42	33.91	68.14	14.65	.10	.60	15.36

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:00:40
 This page of the CMN.100.APT.PAGE report was finished at 16:00:46
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 15:58:38 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	3.90	147.8	11.95	5.4	1.71	31.44	6.46	22.81	60.70	.01	.21	0	1.16	1.39	
02:00-03:00	7.70	335.2	13.73	16.0	2.91	37.22	6.31	23.64	67.18	.14	.54	0	1.40	2.08	
03:00-04:00	8.90	366.5	13.34	25.3	2.92	34.71	6.47	24.44	65.61	.02	.76	0	2.07	2.85	
04:00-05:00	8.60	371.4	13.87	26.0	3.03	36.90	6.29	25.57	68.76	.08	.64	0	2.30	3.02	
05:00-06:00	10.30	426.4	12.98	36.5	3.75	34.91	6.49	27.60	69.00	.38	1.14	0	2.03	3.55	
06:00-07:00	8.50	385.5	12.58	30.9	3.51	39.05	6.30	35.70	81.05	.33	.85	0	2.46	3.64	
07:00-08:00	11.20	439.9	12.96	66.0	4.85	32.82	6.45	28.55	67.82	.15	2.59	0	3.15	5.89	
08:00-09:00	11.00	446.1	13.66	52.7	5.04	34.20	6.35	28.08	68.63	.14	2.01	0	2.64	4.79	
09:00-10:00	10.20	410.5	13.38	48.1	3.77	33.83	6.42	31.82	72.07	.12	1.68	0	2.91	4.72	
10:00-11:00	9.60	421.4	13.91	38.6	3.52	37.54	6.35	30.24	74.13	.08	1.21	0	2.73	4.02	
11:00-12:00	10.30	413.1	13.63	45.5	4.08	33.67	6.44	28.84	68.95	.44	1.62	0	2.35	4.42	
12:00-13:00	10.60	457.4	13.02	42.0	3.50	36.75	6.40	36.47	79.62	.05	1.32	0	2.58	3.96	
13:00-14:00	8.30	356.7	13.74	23.6	3.01	36.65	6.32	32.50	75.47	.25	.71	0	1.88	2.84	
14:00-15:00	10.50	430.8	12.76	43.7	3.72	34.54	6.49	37.52	78.54	.06	1.39	0	2.71	4.16	
15:00-16:00	10.10	416.4	14.09	34.2	4.86	34.90	6.32	31.89	73.11	.19	1.74	0	1.47	3.39	
16:00-17:00	2.00	96.5	11.76	1.1	1.06	41.83	6.43	40.73	89.00	0	.17	0	.39	.56	
17:00-18:00	1.10	42.8	12.38	0	.73	32.08	6.79	162.06	200.92	0	.02	0	.21	.23	
18:00-19:00	.30	12.6	8.58	0	0	35.24	6.76	165.27	207.27	0	0	0	0	0	
19:00-20:00	.50	16.2	3.87	0	0	25.64	6.68	156.89	189.21	0	0	0	0	0	
20:00-21:00	.30	9.7	5.93	0	0	25.56	6.75	162.13	194.44	0	0	0	0	0	
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00-23:00	.10	2.5	0	0	0	17.93	6.67	206.98	231.58	0	0	0	0	0	
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TFN DEP TOTALS:	144.00	6005.2	13.45	535.9	3.95	35.30	6.40	32.40	74.11	.16	1.29	0	2.27	3.72	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:00:40
 This page of the CMN.100.APT.PAGE report was finished at 16:00:46
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:27:19 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.2	3.82	10.2	2.51	25.74	2.34	46.75	74.83	3.39	0	0	3.39
01:00-02:00	9.00	312.0	7.09	48.5	4.62	32.16	2.50	28.71	63.37	5.35	.04	0	5.39
02:00-03:00	10.00	347.8	8.55	141.9	13.49	32.33	2.45	39.05	73.83	14.09	.10	0	14.19
03:00-04:00	9.00	311.3	7.03	61.6	7.02	32.13	2.46	28.91	63.50	6.76	.08	0	6.84
04:00-05:00	11.00	369.7	7.79	152.5	12.84	31.24	2.38	37.19	70.80	13.74	.12	0	13.86
05:00-06:00	8.00	288.6	7.62	52.9	7.42	33.70	2.38	26.84	62.91	6.33	.28	.27	6.88
06:00-07:00	11.00	351.9	7.68	170.6	12.18	29.54	2.46	30.79	62.78	15.38	.13	0	15.51
07:00-08:00	8.00	288.7	7.63	52.5	7.39	33.70	2.39	32.79	68.88	6.41	.16	.20	6.76
08:00-09:00	11.00	362.3	7.30	169.4	12.25	30.53	2.41	30.13	63.07	15.27	.12	.02	15.42
09:00-10:00	8.00	287.3	7.69	35.5	6.23	33.44	2.48	39.60	75.51	4.22	.22	.09	4.53
10:00-11:00	11.00	362.7	7.31	175.7	11.53	30.53	2.44	27.10	60.07	15.89	.08	.15	16.12
11:00-12:00	8.00	296.0	7.90	36.0	6.26	34.66	2.34	37.78	74.79	4.24	.25	.32	4.81
12:00-13:00	12.00	387.8	7.52	178.2	11.76	29.84	2.48	34.81	67.13	14.69	.16	.69	15.53
13:00-14:00	7.00	252.6	8.04	52.6	10.01	33.77	2.31	35.95	72.03	7.30	.21	0	7.51
14:00-15:00	11.00	363.4	7.46	152.5	11.92	30.56	2.48	35.66	68.70	13.70	.16	.19	14.05
15:00-16:00	7.00	262.9	8.29	69.6	10.45	35.21	2.34	46.63	84.19	9.87	.06	0	9.94
16:00-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4929.3	7.82	1559.8	11.21	31.81	2.42	34.10	68.33	10.69	.14	.13	10.97

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:29:13
 This page of the CMN.100.APT.PAGE report was finished at 16:29:19
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:27:19 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	3.10	125.6	12.84	2.9	1.54	34.18	6.35	22.63	63.16	0	.21	0	.72	.93	
02:00-03:00	7.50	306.5	14.15	22.1	2.86	34.45	6.41	25.49	66.35	.10	.63	0	2.22	2.95	
03:00-04:00	10.00	426.2	13.18	27.1	3.07	36.21	6.40	25.13	67.74	.05	.77	0	1.90	2.71	
04:00-05:00	8.10	334.9	13.47	23.9	2.98	35.03	6.32	25.90	67.25	.05	.75	0	2.16	2.96	
05:00-06:00	10.00	431.3	13.09	42.0	4.01	36.70	6.43	28.69	71.82	.11	1.61	0	2.48	4.20	
06:00-07:00	9.50	373.8	13.77	47.0	5.64	33.01	6.33	33.91	73.25	.20	2.10	0	2.65	4.95	
07:00-08:00	10.10	435.9	12.79	34.5	3.38	36.70	6.46	26.26	69.42	.08	1.11	0	2.22	3.42	
08:00-09:00	8.50	344.9	14.53	32.1	4.15	34.22	6.36	35.30	75.88	.06	1.29	0	2.42	3.78	
09:00-10:00	11.40	487.0	12.06	42.6	3.36	36.26	6.46	32.51	75.24	.21	1.22	0	2.31	3.74	
10:00-11:00	7.30	293.8	14.58	17.9	2.40	33.86	6.38	31.30	71.54	.06	.40	0	2.00	2.46	
11:00-12:00	11.30	492.5	13.16	38.6	3.62	37.14	6.45	27.62	71.21	.19	1.11	0	2.11	3.42	
12:00-13:00	7.40	305.7	13.18	25.8	3.95	35.01	6.30	33.84	75.14	.06	1.04	0	2.38	3.48	
13:00-14:00	10.40	430.9	13.40	39.0	3.60	35.00	6.43	34.81	76.25	.20	1.26	0	2.28	3.75	
14:00-15:00	10.10	420.9	13.76	45.0	4.50	35.35	6.32	42.15	83.83	.16	1.73	0	2.57	4.46	
15:00-16:00	9.60	384.0	13.82	41.9	4.18	33.58	6.43	29.44	69.44	.08	1.69	0	2.60	4.37	
16:00-17:00	6.40	292.0	12.72	6.9	1.78	39.32	6.30	34.58	80.20	.13	.24	0	.71	1.07	
17:00-18:00	.60	22.1	10.07	0	0	30.26	6.58	80.93	117.78	0	0	0	0	0	
18:00-19:00	.90	32.8	10.07	0	0	29.88	6.61	110.61	147.09	0	0	0	0	0	
19:00-20:00	1.20	45.6	12.03	1.0	1.43	31.40	6.62	139.04	177.05	0	.16	0	.64	.80	
20:00-21:00	.20	7.8	0	0	0	31.88	7.08	128.24	167.21	0	0	0	0	0	
21:00-22:00	.20	4.9	.13	0	0	17.93	6.52	130.87	155.32	0	0	0	0	0	
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00-24:00	.10	3.3	0	0	0	26.87	6.57	221.50	254.93	0	0	0	0	0	
24:00-25:00	.10	2.5	0	0	0	17.93	6.58	238.43	262.95	0	0	0	0	0	
TFN DEP TOTALS:	144.00	6005.0	13.46	490.3	3.80	35.30	6.40	33.07	74.78	.12	1.13	0	2.16	3.41	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:29:13
 This page of the CMN.100.APT.PAGE report was finished at 16:29:19
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:09:24 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		TRAVEL		DELAY		TRAVEL				DELAY			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.80	10.0	2.49	25.74	2.38	44.14	72.26	3.33	0	0	3.33
01:00-02:00	9.00	311.6	7.10	66.0	5.31	32.16	2.46	28.11	62.73	7.27	.06	0	7.33
02:00-03:00	9.00	304.6	8.46	104.7	9.74	31.46	2.39	32.08	65.92	11.53	.10	0	11.63
03:00-04:00	9.00	311.6	7.11	66.5	5.15	32.16	2.46	32.65	67.27	7.29	.10	0	7.39
04:00-05:00	10.00	347.8	8.51	106.0	9.59	32.33	2.46	42.54	77.33	10.53	.07	0	10.60
05:00-06:00	8.00	268.1	6.80	65.1	5.11	31.16	2.36	27.92	61.44	8.00	.14	0	8.14
06:00-07:00	10.00	347.8	8.53	106.1	9.60	32.33	2.45	29.95	64.73	10.53	.08	0	10.61
07:00-08:00	8.00	268.4	6.76	65.7	5.12	31.16	2.39	26.53	60.07	8.00	.21	.27	8.48
08:00-09:00	10.00	347.9	8.51	106.2	9.65	32.33	2.46	39.23	74.02	10.53	.09	.10	10.72
09:00-10:00	8.00	268.6	6.78	65.8	5.17	31.16	2.41	30.20	63.78	8.00	.23	.33	8.56
10:00-11:00	11.00	383.3	8.14	112.4	9.28	32.37	2.47	36.77	71.61	10.17	.05	0	10.22
11:00-12:00	8.00	276.2	7.50	59.0	5.87	32.05	2.47	28.77	63.29	7.18	.19	0	7.38
12:00-13:00	10.00	339.8	8.07	113.2	9.09	31.61	2.37	34.26	68.24	11.18	.13	0	11.32
13:00-14:00	8.00	276.2	7.49	58.7	5.80	32.05	2.47	29.86	64.39	7.18	.15	0	7.34
14:00-15:00	10.00	339.9	8.09	112.8	9.08	31.61	2.38	29.58	63.57	11.18	.10	0	11.28
15:00-16:00	8.00	276.2	7.52	58.7	5.74	32.05	2.47	36.74	71.26	7.18	.16	.67	8.01
16:00-17:00	5.00	177.1	9.04	65.5	10.05	33.20	2.23	48.97	84.40	13.02	.07	0	13.09
17:00-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4929.5	7.83	1342.4	8.01	31.81	2.42	33.42	67.66	9.21	.12	.08	9.40

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:11:18
 This page of the CMN.100.APT.PAGE report was finished at 16:11:22
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- AIL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:09:24 (0) TFN Thu Feb 25 14:35:38 GMT100:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				QUE	TOT
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE			
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	3.70	151.9	14.12	7.1	2.97	34.61	6.44	21.76	62.81	.16	.41	0	1.36	1.93	
02:00-03:00	7.00	283.7	13.39	14.5	2.38	34.12	6.40	24.57	65.09	.13	.43	0	1.52	2.08	
03:00-04:00	9.20	399.3	13.29	29.3	2.95	37.05	6.35	24.31	67.71	.02	.87	0	2.29	3.18	
04:00-05:00	7.50	305.8	13.41	16.7	3.00	34.42	6.36	27.29	68.06	.13	.48	0	1.62	2.23	
05:00-06:00	9.60	405.8	13.16	29.2	3.14	35.88	6.39	31.33	73.60	.01	.93	0	2.10	3.04	
06:00-07:00	8.30	347.9	13.81	35.2	4.12	35.53	6.38	38.13	80.05	.41	1.24	0	2.60	4.24	
07:00-08:00	10.10	415.5	13.29	36.4	3.92	34.72	6.42	30.45	71.59	.01	1.31	0	2.29	3.61	
08:00-09:00	9.00	370.3	14.01	36.0	4.53	34.69	6.45	41.59	82.73	.12	1.53	0	2.36	4.00	
09:00-10:00	9.80	410.0	13.19	40.0	4.29	35.46	6.39	30.72	72.56	.04	1.73	0	2.31	4.08	
10:00-11:00	7.80	317.2	13.57	29.7	4.01	34.25	6.41	32.57	73.24	.23	1.27	0	2.30	3.80	
11:00-12:00	10.40	447.7	12.97	33.9	3.35	36.65	6.40	30.29	73.34	.06	1.04	0	2.16	3.26	
12:00-13:00	7.40	307.1	14.07	17.9	2.87	35.08	6.43	33.09	74.60	.14	.54	0	1.74	2.42	
13:00-14:00	10.30	430.8	12.88	45.1	3.94	35.49	6.34	27.86	69.69	.11	1.60	0	2.67	4.38	
14:00-15:00	8.00	331.7	14.05	18.2	2.58	35.12	6.35	37.41	78.88	.11	.39	0	1.79	2.28	
15:00-16:00	10.20	422.5	12.91	43.8	4.52	35.00	6.42	26.65	68.07	.16	1.76	0	2.38	4.30	
16:00-17:00	7.70	335.2	13.75	10.6	1.99	37.19	6.35	41.30	84.83	.06	.25	0	1.06	1.38	
17:00-18:00	4.50	193.9	13.10	3.0	1.88	36.66	6.42	39.24	82.32	.27	.09	0	.31	.67	
18:00-19:00	1.30	55.3	15.47	0	0	35.77	6.76	154.08	196.61	0	0	0	0	0	
19:00-20:00	.90	30.2	8.61	0	0	26.89	6.63	180.20	213.72	0	0	0	0	0	
20:00-21:00	.80	27.1	8.39	0	0	27.50	6.41	1130.19	164.09	0	0	0	0	0	
21:00-22:00	.30	11.2	12.05	0	0	30.90	6.51	148.75	186.16	0	0	0	0	0	
22:00-23:00	.10	2.5	0	0	0	17.93	6.68	186.20	210.82	0	0	0	0	0	
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24:00-25:00	.10	2.5	0	0	0	17.93	6.70	260.08	284.72	0	0	0	0	0	
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TFN DEP TOTALS:	144.00	6005.2	13.46	446.6	3.65	35.30	6.40	34.75	76.45	.11	1.00	0	1.99	3.10	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:11:18
 This page of the CMN.100.APT.PAGE report was finished at 16:11:22
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:15:45 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.72	10.0	2.49	25.74	2.39	43.32	71.45	3.33	0	0	3.33
01:00-02:00	9.00	311.7	7.12	63.1	5.32	32.16	2.48	46.36	81.00	6.97	.04	0	7.01
02:00-03:00	9.00	304.8	8.45	104.4	9.79	31.46	2.42	31.10	64.97	11.56	.04	0	11.60
03:00-04:00	8.00	268.9	6.88	62.0	5.01	31.10	2.51	41.57	75.19	7.69	.06	0	7.75
04:00-05:00	10.00	347.4	8.47	104.9	9.88	32.37	2.37	31.44	66.18	10.40	.09	0	10.49
05:00-06:00	8.00	269.2	6.86	62.4	4.99	31.10	2.54	25.45	59.09	7.69	.12	.41	8.22
06:00-07:00	9.00	323.0	8.12	92.0	10.40	33.53	2.35	36.81	72.69	10.06	.16	0	10.22
07:00-08:00	9.00	293.4	7.13	76.0	5.08	30.08	2.52	30.46	63.06	8.34	.11	.19	8.63
08:00-09:00	8.00	296.3	7.87	77.9	10.94	34.66	2.37	34.14	71.17	9.67	.07	0	9.74
09:00-10:00	9.00	276.6	6.16	85.0	5.02	28.26	2.47	35.88	66.61	9.36	.08	0	9.44
10:00-11:00	8.00	315.4	6.47	55.9	9.05	37.04	2.38	41.81	81.23	6.90	.09	0	6.99
11:00-12:00	9.00	276.5	6.15	101.2	7.19	28.26	2.46	38.23	68.96	11.12	.13	1.00	12.25
12:00-13:00	8.00	297.2	7.99	58.1	9.11	34.70	2.45	32.32	69.47	7.17	.10	0	7.26
13:00-14:00	9.00	285.4	7.17	98.7	7.35	29.35	2.37	30.93	62.64	10.93	.04	.05	11.02
14:00-15:00	8.00	297.3	7.98	68.6	8.77	34.70	2.46	38.83	75.99	8.40	.18	0	8.58
15:00-16:00	10.00	318.9	6.83	98.7	7.68	29.49	2.40	35.27	67.16	9.84	.04	.28	10.15
16:00-17:00	8.00	297.4	8.00	68.9	8.67	34.70	2.47	33.22	70.39	8.40	.21	.25	8.86
17:00-18:00	2.00	66.9	8.91	22.0	9.02	31.27	2.16	32.48	65.91	11.02	0	0	11.02
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4930.7	7.81	1309.9	8.15	31.81	2.43	35.34	69.58	9.00	.09	.13	9.23

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:25:47
 This page of the CMN.100.APT.PAGE report was finished at 16:25:50
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:15:45 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)								
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	2.70	109.6	14.25	2.2	1.34	34.17	6.44	23.90	64.51	0	.08	0	.74	.82
02:00-03:00	7.20	299.1	13.67	14.1	2.27	35.14	6.40	26.39	67.94	.01	.42	0	1.53	1.96
03:00-04:00	8.60	367.8	13.00	21.8	2.72	36.39	6.38	25.23	68.00	0	.59	0	1.94	2.53
04:00-05:00	7.90	319.7	13.15	22.1	3.27	33.98	6.49	31.39	71.86	.43	.54	0	1.82	2.79
05:00-06:00	8.90	390.7	13.18	29.8	3.77	37.55	6.35	32.51	76.41	.04	1.24	0	2.05	3.34
06:00-07:00	9.50	365.5	13.60	36.5	3.95	31.97	6.51	28.68	67.16	.05	1.26	0	2.53	3.85
07:00-08:00	7.80	352.9	12.62	23.2	3.18	38.95	6.29	31.24	76.48	.10	.87	0	2.01	2.98
08:00-09:00	9.50	376.5	13.37	39.6	4.07	33.14	6.50	33.47	73.11	.20	1.36	0	2.61	4.17
09:00-10:00	9.50	414.0	12.84	28.6	2.88	37.26	6.32	32.14	75.72	.03	.81	0	2.17	3.01
10:00-11:00	7.90	305.7	12.85	22.7	3.32	32.24	6.46	31.03	69.73	.08	.74	0	2.04	2.87
11:00-12:00	7.80	350.7	13.28	21.5	2.95	38.58	6.38	29.91	74.86	.02	.75	0	1.98	2.75
12:00-13:00	9.30	387.4	13.06	35.9	3.73	35.23	6.43	33.06	74.72	.15	1.15	0	2.55	3.86
13:00-14:00	8.00	324.8	14.13	19.4	3.08	34.24	6.35	27.64	68.24	.04	.69	0	1.70	2.43
14:00-15:00	9.20	398.5	13.21	38.1	4.28	36.90	6.42	34.06	77.38	.08	1.49	0	2.56	4.14
15:00-16:00	8.30	331.2	14.33	27.4	3.70	33.55	6.35	33.24	73.14	.15	.94	0	2.22	3.31
16:00-17:00	9.30	399.1	12.53	41.5	4.03	36.48	6.43	27.60	70.52	.14	1.61	0	2.71	4.46
17:00-18:00	8.30	343.8	14.42	20.6	3.86	35.08	6.34	35.49	76.92	.20	.99	0	1.29	2.48
18:00-19:00	2.10	94.5	11.66	2.7	1.71	38.47	6.53	38.31	83.32	.01	.18	0	1.11	1.30
19:00-20:00	.60	20.8	9.93	0	0	28.08	6.64	142.96	177.68	0	0	0	0	0
20:00-21:00	.70	22.0	6.30	0	0	24.74	6.63	121.22	152.59	0	0	0	0	0
21:00-22:00	.50	16.0	11.23	0	0	25.53	6.43	157.22	189.18	0	0	0	0	0
22:00-23:00	.30	12.7	8.19	0	2.05	35.55	6.85	270.78	313.18	0	.69	0	.76	1.45
23:00-24:00	.10	3.5	0	0	0	27.80	6.73	242.75	277.28	0	0	0	0	0
TFN DEP TOTALS:	144.00	6006.6	13.46	448.1	3.55	35.30	6.41	32.85	74.57	.10	.95	0	2.06	3.11

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:25:47
 This page of the CMN.100.APT.PAGE report was finished at 16:25:50
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:03:45 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.5	3.82	8.0	1.89	25.74	2.44	33.39	61.57	2.67	0	0	2.67
01:00-02:00	9.00	311.9	7.10	44.7	6.99	32.16	2.50	42.96	77.62	4.91	.06	0	4.97
02:00-03:00	9.00	304.5	8.48	71.3	5.88	31.46	2.38	34.60	68.43	7.85	.06	0	7.92
03:00-04:00	8.00	269.0	6.87	53.1	4.99	31.10	2.52	40.11	73.74	6.52	.11	.16	6.79
04:00-05:00	8.00	296.3	7.88	49.6	6.35	34.66	2.38	33.99	71.03	6.08	.12	0	6.20
05:00-06:00	9.00	276.7	6.14	74.9	4.31	28.26	2.49	34.96	65.70	8.25	.08	.37	8.69
06:00-07:00	7.00	264.0	8.38	37.3	7.17	35.26	2.45	28.57	66.28	5.23	.09	0	5.32
07:00-08:00	9.00	294.5	6.68	77.6	4.03	30.34	2.38	31.77	64.49	8.59	.03	0	8.62
08:00-09:00	8.00	297.0	7.96	37.7	6.61	34.70	2.43	30.43	67.56	4.60	.11	0	4.71
09:00-10:00	9.00	284.0	7.11	70.8	3.13	29.12	2.44	39.17	70.72	7.78	.09	0	7.87
10:00-11:00	8.00	288.7	7.64	33.4	5.31	33.70	2.39	27.79	63.87	4.06	.11	0	4.17
11:00-12:00	8.00	273.1	7.84	78.4	4.69	31.70	2.43	40.19	74.33	9.68	.12	0	9.80
12:00-13:00	7.00	233.1	7.23	38.2	5.57	30.93	2.37	38.62	71.92	5.41	.05	.41	5.87
13:00-14:00	9.00	304.4	8.44	71.4	5.84	31.46	2.36	35.63	69.45	7.85	.08	1.36	9.30
14:00-15:00	9.00	312.0	7.11	53.3	5.12	32.16	2.50	37.14	71.81	5.79	.12	0	5.92
15:00-16:00	9.00	304.2	8.46	70.9	5.86	31.46	2.35	38.57	72.37	7.85	.03	0	7.88
16:00-17:00	8.00	268.9	6.89	53.4	4.86	31.10	2.51	31.80	65.42	6.52	.16	0	6.68
17:00-18:00	7.00	262.8	8.29	42.5	6.76	35.21	2.33	30.71	68.26	5.95	.13	0	6.08
18:00-19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4929.6	7.81	966.4	5.74	31.81	2.42	35.23	69.46	6.62	.09	.14	6.85

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:07:18
 This page of the CMN.100.APT.PAGE report was finished at 16:07:23
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:03:45 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		TRAVEL		DELAY		TRAVEL				DELAY					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	2.90	116.8	13.89	2.9	1.29	33.79	6.47	24.21	64.47	0	.09	0	.90	.98	
02:00-03:00	6.60	273.2	13.56	11.0	2.07	34.96	6.43	26.67	68.06	.01	.30	0	1.35	1.66	
03:00-04:00	9.20	397.9	13.33	22.6	2.43	36.88	6.37	26.28	69.52	.24	.38	0	1.83	2.45	
04:00-05:00	7.60	303.1	13.19	21.6	3.10	33.40	6.48	25.26	65.13	.18	.75	0	1.90	2.84	
05:00-06:00	8.30	357.0	13.32	15.5	2.01	36.73	6.28	31.63	74.64	.01	.20	0	1.65	1.87	
06:00-07:00	8.70	352.1	13.23	24.6	2.84	33.97	6.50	34.94	75.42	.09	.77	0	1.96	2.83	
07:00-08:00	7.60	324.1	13.58	17.8	2.60	36.30	6.34	33.02	75.66	.16	.52	0	1.66	2.34	
08:00-09:00	9.50	403.0	12.67	26.2	2.72	35.99	6.43	29.34	71.76	.24	.59	0	1.92	2.76	
09:00-10:00	7.90	327.9	14.43	18.6	2.78	35.18	6.32	31.67	73.17	.08	.61	0	1.67	2.36	
10:00-11:00	7.20	302.3	12.55	15.8	2.74	35.57	6.41	25.61	67.59	.08	.64	0	1.48	2.20	
11:00-12:00	9.00	369.2	14.25	23.1	2.66	34.67	6.35	38.28	79.30	.09	.63	0	1.85	2.57	
12:00-13:00	7.80	330.3	12.84	16.3	2.61	35.89	6.46	32.07	74.42	.10	.55	0	1.43	2.08	
13:00-14:00	8.10	322.6	14.34	23.2	3.63	33.45	6.37	33.55	73.38	.08	1.09	0	1.69	2.86	
14:00-15:00	8.50	368.8	12.64	25.0	2.58	37.02	6.37	34.02	77.41	.11	.72	0	2.11	2.94	
15:00-16:00	8.00	311.6	13.59	13.9	1.92	32.49	6.46	32.21	71.16	.09	.18	0	1.48	1.74	
16:00-17:00	9.70	419.8	13.03	25.7	2.92	36.95	6.33	34.56	77.83	.10	.65	0	1.90	2.65	
17:00-18:00	7.70	302.0	13.30	18.1	2.32	32.72	6.50	24.99	64.21	.08	.45	0	1.82	2.35	
18:00-19:00	7.10	327.7	12.67	5.1	1.47	39.87	6.29	32.06	78.22	.05	.14	0	.53	.72	
19:00-20:00	1.30	51.4	14.22	0	0	32.93	6.61	95.61	135.15	0	0	0	0	0	
20:00-21:00	.90	29.8	8.49	0	.27	26.54	6.61	137.47	170.62	0	0	0	.09	.09	
21:00-22:00	.10	5.3	0	0	0	46.97	6.53	20.25	73.75	0	0	0	0	0	
22:00-23:00	.10	3.9	0	0	0	31.88	7.00	252.22	291.10	0	0	0	0	0	
23:00-24:00	.10	2.5	0	0	0	17.93	6.57	299.83	324.33	0	0	0	0	0	
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25:00-26:00	.10	3.4	0	0	0	26.87	6.73	242.75	276.35	0	0	0	0	0	
TFN DEP TOTALS:	144.00	6005.4	13.46	327.0	2.65	35.30	6.40	32.70	74.40	.11	.53	0	1.64	2.27	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:07:18
 This page of the CMN.100.APT.PAGE report was finished at 16:07:23
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:50:59 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		TRAVEL		DELAY		TRAVEL				DELAY			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.78	7.8	1.84	25.74	2.41	50.71	78.86	2.60	0	0	2.60
01:00-02:00	8.00	269.0	6.89	38.9	7.70	31.10	2.52	46.51	80.14	4.82	.04	0	4.86
02:00-03:00	9.00	323.0	8.18	54.5	6.13	33.53	2.36	42.34	78.24	5.99	.07	0	6.05
03:00-04:00	7.00	225.4	6.20	63.9	4.72	29.70	2.50	38.94	71.14	9.09	.04	.46	9.59
04:00-05:00	8.00	288.3	9.02	47.7	6.63	33.59	2.45	33.45	69.49	5.80	.16	0	5.96
05:00-06:00	9.00	294.4	6.69	73.9	4.77	30.34	2.38	35.05	67.76	8.04	.17	.01	8.22
06:00-07:00	7.00	253.8	8.13	26.9	3.95	33.81	2.44	24.87	61.12	3.81	.03	0	3.84
07:00-08:00	8.00	273.6	7.80	68.2	5.04	31.70	2.50	33.18	67.37	8.48	.05	0	8.52
08:00-09:00	7.00	233.2	7.21	53.8	6.03	30.93	2.39	26.12	59.44	7.60	.09	0	7.69
09:00-10:00	9.00	304.5	8.46	64.4	6.05	31.46	2.37	33.75	67.58	7.01	.14	0	7.15
10:00-11:00	8.00	269.0	6.94	65.3	4.96	31.10	2.52	33.71	67.33	8.11	.05	.29	8.46
11:00-12:00	9.00	322.9	8.15	54.6	6.18	33.53	2.35	32.47	68.35	5.99	.07	0	6.06
12:00-13:00	7.00	225.5	6.22	64.7	4.73	29.70	2.52	38.07	70.29	9.09	.16	0	9.25
13:00-14:00	8.00	288.4	8.98	47.0	6.71	33.59	2.46	35.66	71.70	5.80	.07	.47	6.34
14:00-15:00	9.00	294.5	6.67	72.8	4.55	30.34	2.39	32.54	65.26	8.04	.05	0	8.09
15:00-16:00	7.00	254.1	8.18	27.1	3.94	33.81	2.49	37.02	73.33	3.81	.06	0	3.87
16:00-17:00	8.00	273.2	7.84	68.0	5.03	31.70	2.44	34.57	68.71	8.48	.03	0	8.50
17:00-18:00	7.00	233.1	7.21	53.3	5.92	30.93	2.37	31.87	65.18	7.60	.02	0	7.62
18:00-19:00	6.00	220.2	8.71	41.6	7.07	34.31	2.38	30.65	67.34	6.82	.11	0	6.93
19:00-20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4930.6	7.82	994.4	5.86	31.81	2.43	34.97	69.21	6.83	.08	.06	6.97

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:53:39
 This page of the CMN.100.APT.PAGE report was finished at 16:53:43
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:50:59 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)								
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	3.20	124.5	12.48	1.9	.94	32.48	6.42	22.50	61.40	0	.06	0	.55	.61
02:00-03:00	5.60	229.0	13.93	12.4	2.51	34.44	6.46	27.53	68.43	.11	.42	0	1.68	2.22
03:00-04:00	8.00	360.5	12.86	18.5	2.22	38.76	6.30	25.23	70.29	.11	.41	0	1.79	2.32
04:00-05:00	7.70	319.2	13.43	19.7	2.81	34.99	6.46	28.37	69.83	.04	.56	0	1.96	2.56
05:00-06:00	7.80	324.2	12.98	12.8	2.13	35.25	6.32	32.03	73.60	.09	.29	0	1.26	1.64
06:00-07:00	8.10	341.6	13.33	19.8	2.99	35.75	6.42	29.72	71.90	.09	.74	0	1.61	2.44
07:00-08:00	8.20	326.6	14.38	16.9	2.45	33.45	6.38	34.16	73.99	.15	.35	0	1.55	2.06
08:00-09:00	7.90	336.4	12.49	19.8	3.28	36.10	6.49	43.21	85.80	.20	.71	0	1.59	2.50
09:00-10:00	8.50	334.9	14.36	25.7	2.76	32.99	6.41	42.40	81.79	.11	.74	0	2.18	3.03
10:00-11:00	8.20	356.0	12.84	19.2	2.97	37.05	6.37	29.88	73.30	.03	.59	0	1.72	2.34
11:00-12:00	7.60	309.3	13.91	17.4	2.80	34.21	6.48	29.94	70.64	.23	.39	0	1.67	2.29
12:00-13:00	9.40	401.8	12.88	23.0	2.81	36.43	6.31	35.54	78.28	.02	.69	0	1.74	2.45
13:00-14:00	7.50	307.9	13.78	14.1	2.33	34.55	6.50	33.11	74.16	.20	.26	0	1.42	1.88
14:00-15:00	7.10	300.4	13.25	15.1	2.75	36.02	6.30	27.32	69.63	.03	.55	0	1.55	2.13
15:00-16:00	8.60	378.4	12.99	21.4	2.73	37.56	6.44	35.89	79.89	.15	.61	0	1.73	2.49
16:00-17:00	7.70	299.0	13.70	13.7	2.43	32.47	6.36	35.01	73.84	.03	.41	0	1.35	1.79
17:00-18:00	8.00	323.6	12.52	14.9	2.20	34.02	6.43	28.46	68.91	.22	.23	0	1.41	1.86
18:00-19:00	8.10	334.9	14.38	17.2	2.46	34.95	6.40	34.26	75.61	.11	.39	0	1.63	2.13
19:00-20:00	5.50	254.3	12.07	5.4	1.50	39.82	6.41	32.07	78.31	.05	.24	0	.69	.98
20:00-21:00	.70	24.8	7.92	0	1.28	28.86	6.56	48.86	84.28	0	.26	0	.26	.52
21:00-22:00	.20	8.7	9.74	0	0	36.92	6.41	59.62	102.94	0	0	0	0	0
22:00-23:00	.30	7.3	.17	0	0	17.93	6.46	187.83	212.22	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	.10	2.5	0	0	0	17.93	6.67	242.75	267.35	0	0	0	0	0
TFN DEP TOTALS:	144.00	6005.6	13.46	309.5	2.62	35.30	6.40	33.02	74.72	.11	.47	0	1.57	2.15

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:53:39
 This page of the CMN.100.APT.PAGE report was finished at 16:53:43
 .FA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5760 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:53:50 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.79	3.3	.81	25.74	2.40	26.85	54.99	1.11	0	0	1.11
01:00-02:00	8.00	269.0	6.89	17.5	2.41	31.10	2.52	29.83	63.46	2.14	.05	0	2.19
02:00-03:00	10.00	347.3	8.46	10.2	1.92	32.37	2.36	38.87	73.61	.97	.05	0	1.02
03:00-04:00	6.00	201.2	5.76	17.9	2.37	31.00	2.54	36.18	69.72	2.86	.13	0	2.99
04:00-05:00	8.00	288.4	9.01	6.7	2.13	33.59	2.46	41.05	77.10	.80	.05	0	.84
05:00-06:00	8.00	264.9	6.98	19.2	2.28	30.69	2.42	35.73	68.84	2.31	.08	0	2.39
06:00-07:00	6.00	217.2	7.52	2.4	.78	33.78	2.43	34.22	70.42	.33	.06	0	.40
07:00-08:00	8.00	261.2	8.18	10.3	2.11	30.27	2.37	37.40	70.04	1.21	.07	0	1.28
08:00-09:00	8.00	269.0	6.91	17.8	2.41	31.10	2.52	28.98	62.61	2.14	.08	0	2.22
09:00-10:00	9.00	322.5	8.18	9.0	2.03	33.53	2.30	28.03	63.87	.92	.08	0	1.00
10:00-11:00	7.00	225.5	6.20	20.6	2.19	29.70	2.52	39.99	72.21	2.65	.29	0	2.95
11:00-12:00	8.00	288.3	9.01	7.3	2.13	33.59	2.45	39.02	75.06	.80	.11	0	.91
12:00-13:00	8.00	264.7	7.02	19.0	2.33	30.69	2.40	36.56	69.66	2.31	.07	0	2.38
13:00-14:00	6.00	217.4	7.51	3.4	.91	33.78	2.46	34.02	70.25	.33	.23	.43	.99
14:00-15:00	8.00	260.9	8.19	10.1	2.06	30.27	2.34	31.76	64.38	1.21	.05	0	1.26
15:00-16:00	8.00	269.3	6.88	18.0	2.48	31.10	2.55	26.77	60.43	2.14	.11	0	2.25
16:00-17:00	9.00	322.8	8.14	8.7	2.04	33.53	2.33	39.04	74.91	.92	.04	0	.96
17:00-18:00	7.00	225.5	6.21	19.4	2.18	29.70	2.51	33.50	65.71	2.65	.12	0	2.77
18:00-19:00	8.00	288.6	9.01	7.0	2.15	33.59	2.48	38.74	74.81	.80	.08	0	.88
19:00-20:00	1.00	42.3	.23	0	0	40.62	1.73	29.59	71.94	0	0	0	0
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4930.6	7.82	227.7	2.24	31.81	2.43	34.79	69.03	1.49	.09	.02	1.60

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:55:32
 This page of the CMN.100.APT.PAGE report was finished at 16:55:39
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5758 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:53:50 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	3.10	129.2	14.49	3.1	1.31	35.19	6.48	22.42	64.09	.01	.09	0	.89	.99	
02:00-03:00	6.60	264.5	13.20	14.3	2.29	33.60	6.47	25.50	65.57	.03	.42	0	1.71	2.17	
03:00-04:00	8.10	360.6	13.13	16.4	2.69	38.27	6.25	27.21	71.73	.12	.47	0	1.43	2.02	
04:00-05:00	7.50	300.0	12.78	14.6	2.67	33.49	6.51	35.03	75.03	.15	.45	0	1.34	1.95	
05:00-06:00	7.20	299.9	13.37	17.0	2.78	35.33	6.33	27.86	69.52	.23	.51	0	1.62	2.36	
06:00-07:00	7.40	319.1	12.67	13.5	2.32	36.73	6.40	28.31	71.44	.01	.48	0	1.33	1.82	
07:00-08:00	7.80	318.6	14.58	16.3	2.31	34.36	6.48	42.77	83.62	.07	.40	0	1.62	2.09	
08:00-09:00	7.10	313.2	13.18	12.8	2.31	37.75	6.36	27.22	71.33	0	.36	0	1.44	1.81	
09:00-10:00	8.10	312.2	13.21	22.0	2.85	32.06	6.49	35.43	73.98	.10	.74	0	1.87	2.71	
10:00-11:00	9.10	399.9	12.83	17.9	2.74	37.66	6.29	30.41	74.36	.06	.56	0	1.35	1.97	
11:00-12:00	6.80	279.6	13.18	15.3	2.64	34.65	6.47	28.06	69.18	.09	.61	0	1.55	2.25	
12:00-13:00	6.80	276.5	13.92	13.0	2.23	34.32	6.34	40.57	81.24	.07	.32	0	1.52	1.91	
13:00-14:00	8.80	370.2	12.75	20.8	3.43	35.64	6.43	37.90	79.96	.34	.67	0	1.35	2.37	
14:00-15:00	6.70	275.2	14.99	10.7	2.58	34.64	6.43	32.12	73.20	.04	.52	0	1.04	1.60	
15:00-16:00	7.80	327.7	12.92	22.2	2.80	35.66	6.35	27.47	69.48	.15	.73	0	1.96	2.85	
16:00-17:00	8.10	321.7	13.58	19.8	2.80	33.20	6.53	35.99	75.71	.23	.66	0	1.55	2.44	
17:00-18:00	8.80	389.9	12.79	19.5	2.52	38.03	6.28	34.58	78.89	.13	.56	0	1.52	2.21	
18:00-19:00	7.10	290.2	13.36	13.1	2.51	34.40	6.48	42.62	83.49	.23	.42	0	1.20	1.85	
19:00-20:00	6.80	282.5	13.61	7.5	1.70	35.22	6.33	24.98	66.52	.08	.28	0	.75	1.10	
20:00-21:00	2.60	119.3	12.00	.6	.76	39.47	6.41	53.56	99.44	.04	.06	0	.14	.25	
21:00-22:00	.90	27.2	5.26	0	.53	23.56	6.71	116.88	147.15	0	0	0	.19	.19	
22:00-23:00	.40	17.4	15.45	0	0	36.94	6.59	27.81	71.34	0	0	0	0	0	
23:00-24:00	.30	7.3	.20	0	0	17.93	6.46	197.32	221.72	0	0	0	0	0	
TFN DEP TOTALS:	143.90	6002.1	13.45	290.6	2.60	35.31	6.40	33.60	75.31	.12	.49	0	1.41	2.02	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:55:32
 This page of the CMN.100.APT.PAGE report was finished at 16:55:39
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5758 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:41:05 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		AIR	T R A V E L			D E L A Y			TOT
		TOT	SDV	TOT	SDV		AIR	GND	GTE	TOT	AIR	GND	
00:00-01:00	3.00	84.3	3.85	3.2	.82	25.74	2.37	22.52	50.63	1.07	0	0	1.07
01:00-02:00	8.00	269.2	6.89	15.9	2.34	31.10	2.54	27.61	61.26	1.94	.05	0	1.99
02:00-03:00	8.00	296.6	7.92	6.0	1.95	34.66	2.41	51.34	88.41	.72	.03	0	.75
03:00-04:00	7.00	218.7	6.51	18.5	2.14	28.80	2.44	33.18	64.42	2.53	.12	0	2.65
04:00-05:00	8.00	297.4	7.98	7.1	1.93	34.70	2.47	32.56	69.74	.85	.05	0	.89
05:00-06:00	6.00	194.3	8.06	3.4	.78	29.99	2.40	41.52	73.91	.53	.03	0	.57
06:00-07:00	7.00	225.6	6.23	16.6	2.43	29.81	2.42	34.18	66.41	2.21	.16	1.00	3.37
07:00-08:00	10.00	347.1	8.47	9.5	1.81	32.37	2.34	33.41	68.12	.90	.05	0	.95
08:00-09:00	6.00	201.1	5.78	16.2	2.44	31.00	2.51	29.60	63.12	2.58	.11	0	2.69
09:00-10:00	8.00	288.5	8.99	6.1	1.96	33.59	2.48	34.31	70.38	.72	.05	0	.77
10:00-11:00	7.00	229.9	7.47	12.5	1.88	30.38	2.46	45.18	78.03	1.67	.11	0	1.78
11:00-12:00	6.00	208.9	6.76	7.7	2.32	32.43	2.38	32.60	67.41	1.17	.11	0	1.28
12:00-13:00	9.00	304.6	8.42	9.3	1.81	31.46	2.38	36.75	70.59	1.00	.03	0	1.03
13:00-14:00	7.00	225.5	6.22	15.9	2.36	29.70	2.51	39.86	72.07	2.21	.05	0	2.27
14:00-15:00	8.00	306.4	8.08	5.9	1.90	35.93	2.37	34.25	72.55	.72	.02	0	.74
15:00-16:00	8.00	252.0	6.09	19.1	2.33	29.05	2.45	35.11	66.61	2.21	.17	0	2.38
16:00-17:00	5.00	187.5	7.55	1.3	.43	35.04	2.46	26.53	64.03	.20	.06	0	.26
17:00-18:00	8.00	261.1	8.22	9.3	1.90	30.27	2.37	31.95	64.60	1.12	.04	0	1.16
18:00-19:00	8.00	268.9	6.88	16.3	2.36	31.10	2.51	36.46	70.08	1.94	.10	0	2.03
19:00-20:00	7.00	262.8	8.35	6.2	2.01	35.21	2.32	35.86	73.40	.82	.06	0	.88
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4930.4	7.83	205.9	2.14	31.81	2.43	35.24	69.48	1.36	.07	.05	1.48

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:42:56
 This page of the CMN.100.APT.PAGE report was finished at 16:43:02
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5758 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:41:05 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	3.30	126.2	12.67	3.0	1.46	31.83	6.43	23.31	61.56	0	.21	0	.71	.92	
02:00-03:00	6.70	272.3	13.70	13.9	2.43	34.12	6.52	26.39	67.03	.09	.50	0	1.48	2.07	
03:00-04:00	7.50	345.1	12.61	13.8	2.17	39.75	6.26	27.73	73.74	.11	.33	0	1.40	1.84	
04:00-05:00	6.30	256.3	12.89	10.6	2.23	34.21	6.47	29.59	70.28	.11	.35	0	1.22	1.68	
05:00-06:00	6.20	257.5	15.06	8.1	1.85	35.28	6.26	37.67	79.21	.04	.17	0	1.10	1.31	
06:00-07:00	8.40	349.2	12.61	32.0	3.83	35.08	6.49	37.30	78.87	.10	1.36	0	2.35	3.81	
07:00-08:00	6.20	255.3	13.55	8.4	2.20	34.78	6.40	25.44	66.62	.15	.24	0	.97	1.36	
08:00-09:00	9.10	393.2	13.61	16.2	2.17	36.83	6.38	38.62	81.83	.03	.38	0	1.36	1.78	
09:00-10:00	7.70	293.5	11.92	18.6	2.50	31.65	6.47	33.92	72.04	.12	.48	0	1.82	2.42	
10:00-11:00	7.70	317.6	14.41	14.7	2.37	34.87	6.37	31.04	72.28	.05	.38	0	1.47	1.90	
11:00-12:00	7.00	301.5	11.98	17.6	2.78	36.65	6.42	33.46	76.53	.33	.65	0	1.54	2.51	
12:00-13:00	6.10	251.9	14.36	11.3	1.98	34.86	6.44	28.95	70.25	.10	.28	0	1.48	1.86	
13:00-14:00	8.00	345.1	13.46	19.3	2.24	36.77	6.37	30.60	73.73	.08	.45	0	1.88	2.41	
14:00-15:00	7.00	286.6	13.56	13.6	2.19	34.47	6.47	32.68	73.63	.21	.29	0	1.45	1.95	
15:00-16:00	7.80	338.9	13.51	12.7	2.01	37.11	6.34	32.36	75.81	.16	.33	0	1.15	1.63	
16:00-17:00	8.00	332.3	12.34	13.1	1.84	35.14	6.40	33.82	75.36	.06	.27	0	1.31	1.63	
17:00-18:00	6.70	273.1	14.92	16.1	2.78	34.34	6.42	30.96	71.71	.22	.59	0	1.59	2.40	
18:00-19:00	7.60	314.8	13.00	15.6	2.54	35.07	6.36	38.94	80.36	0	.46	0	1.59	2.05	
19:00-20:00	7.60	298.0	13.10	15.6	2.38	32.70	6.51	27.48	66.68	.21	.32	0	1.52	2.06	
20:00-21:00	6.70	302.2	12.83	9.1	2.24	38.87	6.24	33.70	78.80	.10	.46	0	.80	1.36	
21:00-22:00	1.20	53.0	13.86	0	.25	37.34	6.84	127.61	171.79	0	0	0	.10	.10	
22:00-23:00	.60	17.3	4.45	0	0	22.40	6.46	164.80	193.66	0	0	0	0	0	
23:00-24:00	.30	13.6	12.77	0	.13	38.25	6.96	147.71	192.92	0	0	0	.09	.09	
24:00-25:00	.20	9.2	7.10	0	0	39.42	6.53	22.02	67.97	0	0	0	0	0	
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TFN DEP TOTALS:	143.90	6003.7	13.45	283.4	2.46	35.32	6.40	33.71	75.43	.11	.43	0	1.42	1.97	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:42:56
 This page of the CMN.100.APT.PAGE report was finished at 16:43:02
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5758 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:55:48 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
		TOT	SDV	TOT	SDV								
00:00-01:00	3.00	84.3	3.76	2.9	.82	25.74	2.36	31.60	59.70	.97	0	0	.97
01:00-02:00	8.00	269.1	6.85	19.3	2.42	31.10	2.54	30.76	64.40	2.37	.04	0	2.41
02:00-03:00	7.00	263.2	8.32	6.0	1.92	35.21	2.39	29.42	67.02	.74	.12	0	.86
03:00-04:00	7.00	222.4	6.50	17.3	2.10	29.28	2.49	45.69	77.46	2.40	.06	0	2.46
04:00-05:00	6.00	217.0	7.50	5.5	1.87	33.78	2.39	44.76	80.92	.85	.07	0	.92
05:00-06:00	8.00	260.7	8.19	8.8	1.74	30.27	2.31	40.79	73.38	1.01	.09	0	1.10
06:00-07:00	8.00	268.9	6.91	19.9	2.39	31.10	2.51	27.43	61.04	2.37	.12	0	2.49
07:00-08:00	7.00	262.9	8.29	5.2	1.80	35.21	2.35	29.99	67.55	.74	.01	0	.75
08:00-09:00	7.00	222.2	6.47	17.4	2.13	29.28	2.47	36.70	68.44	2.40	.09	0	2.49
09:00-10:00	6.00	217.2	7.54	5.5	1.89	33.78	2.43	31.79	68.00	.85	.06	0	.91
10:00-11:00	8.00	261.0	8.22	8.7	1.82	30.27	2.36	32.82	65.45	1.01	.08	0	1.09
11:00-12:00	7.00	225.6	6.19	20.0	2.62	29.70	2.52	35.67	67.90	2.71	.14	0	2.86
12:00-13:00	8.00	306.6	8.00	5.9	1.75	35.93	2.40	32.65	70.97	.65	.09	0	.74
13:00-14:00	7.00	222.4	6.49	17.9	2.46	29.28	2.49	38.32	70.09	2.40	.16	0	2.56
14:00-15:00	6.00	217.3	7.50	6.0	1.98	33.78	2.44	28.64	64.85	.85	.16	0	1.01
15:00-16:00	8.00	260.8	8.24	8.6	1.76	30.27	2.33	32.54	65.13	1.01	.07	0	1.08
16:00-17:00	7.00	225.6	6.18	19.2	2.39	29.70	2.52	27.87	60.09	2.71	.02	0	2.74
17:00-18:00	7.00	264.1	8.44	5.5	1.80	35.26	2.47	31.96	69.69	.74	.05	0	.79
18:00-19:00	8.00	264.8	6.99	17.0	2.17	30.69	2.41	30.36	63.46	2.10	.03	0	2.13
19:00-20:00	5.00	173.9	7.37	5.3	1.98	32.35	2.44	29.50	64.28	1.02	.04	0	1.06
20:00-21:00	6.00	220.2	8.68	5.5	1.91	34.31	2.38	34.91	71.60	.86	.06	0	.92
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4930.1	7.82	227.5	2.20	31.81	2.43	33.55	67.78	1.50	.08	0	1.58

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:58:05
 This page of the CMN.100.APT.PAGE report was finished at 16:58:11
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5758 TOP.FLIGHT=288



TEN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:55:48 (0) TEN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)										
		TRAVEL		DELAY		TRAVEL				DELAY						
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT		
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	3.00	121.8	13.13	2.9	1.15	34.19	6.42	22.66	63.26	0	.06	0	.91	.96		
02:00-03:00	6.60	257.4	13.27	6.1	1.28	32.50	6.50	24.37	63.36	.01	.13	0	.78	.92		
03:00-04:00	7.00	319.1	12.96	13.0	2.51	39.27	6.30	31.38	76.95	.11	.36	0	1.39	1.86		
04:00-05:00	6.30	264.9	12.16	13.3	2.67	35.64	6.40	25.76	67.80	.26	.42	0	1.43	2.11		
05:00-06:00	5.80	242.6	15.54	9.0	1.95	35.44	6.39	32.06	73.88	0	.28	0	1.28	1.56		
06:00-07:00	7.80	336.6	12.86	16.3	2.72	36.82	6.33	40.12	83.28	.16	.35	0	1.58	2.09		
07:00-08:00	7.80	301.2	13.21	15.1	2.53	32.13	6.49	35.25	73.87	.51	.21	0	1.20	1.93		
08:00-09:00	7.30	311.5	12.57	13.2	2.62	36.35	6.32	29.41	72.08	.09	.47	0	1.24	1.80		
09:00-10:00	7.00	297.9	12.91	18.1	3.00	36.15	6.41	32.59	75.15	.19	.82	0	1.59	2.59		
10:00-11:00	7.20	284.9	14.69	17.7	2.66	33.10	6.47	38.53	78.10	.10	.65	0	1.71	2.46		
11:00-12:00	7.60	323.8	13.72	17.5	2.55	36.24	6.37	34.00	76.61	.01	.54	0	1.75	2.31		
12:00-13:00	6.70	258.7	12.75	9.8	2.40	32.13	6.48	27.73	66.34	.09	.37	0	1.00	1.47		
13:00-14:00	6.90	295.3	12.86	10.0	1.74	36.49	6.31	38.97	81.77	.14	.23	0	1.07	1.45		
14:00-15:00	6.70	284.0	12.80	18.0	3.52	35.98	6.41	30.80	73.19	.12	.93	0	1.64	2.68		
15:00-16:00	6.80	301.6	14.36	19.0	3.06	37.95	6.40	34.25	78.60	.11	.80	0	1.90	2.80		
16:00-17:00	8.40	350.0	13.25	24.3	3.13	35.32	6.35	35.30	76.96	.01	.98	0	1.91	2.90		
17:00-18:00	7.70	305.5	13.50	15.4	2.06	33.17	6.51	32.58	72.26	.21	.28	0	1.51	2.00		
18:00-19:00	6.70	286.9	12.87	10.4	2.48	36.48	6.34	38.79	81.61	.07	.50	0	.99	1.56		
19:00-20:00	7.30	307.9	13.11	15.3	3.05	35.73	6.45	37.24	79.42	.08	.68	0	1.34	2.09		
20:00-21:00	6.90	283.5	14.61	9.5	1.83	34.69	6.39	34.69	75.78	.03	.25	0	1.09	1.37		
21:00-22:00	4.70	207.6	12.73	2.3	.98	37.93	6.25	31.25	75.43	.01	.08	0	.40	.48		
22:00-23:00	.70	21.4	5.61	0	0	24.02	6.59	121.28	151.89	0	0	0	0	0		
23:00-24:00	.50	18.5	9.50	0	0	30.29	6.70	151.93	188.92	0	0	0	0	0		
24:00-25:00	.40	15.1	10.49	0	0	30.91	6.76	51.72	89.40	0	0	0	0	0		
25:00-26:00	.10	3.9	0	0	0	31.88	7.05	281.63	320.57	0	0	0	0	0		
TFN DEP TOTALS:	143.90	6001.6	13.46	276.2	2.58	35.31	6.40	34.28	75.98	.12	.46	0	1.34	1.92		

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:58:05
 This page of the CMN.100.APT.PAGE report was finished at 16:58:11
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5758 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 17:22:54 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.5	3.80	2.6	.84	25.74	2.42	37.90	66.06	.87	0	0	.87
01:00-02:00	8.00	268.9	6.90	18.9	2.41	31.10	2.51	34.16	67.78	2.29	.07	0	2.36
02:00-03:00	7.00	263.2	8.33	4.9	1.67	35.21	2.39	39.30	76.90	.65	.05	0	.70
03:00-04:00	7.00	222.5	6.47	16.5	2.24	29.28	2.50	36.01	67.79	2.27	.09	0	2.36
04:00-05:00	5.00	173.7	7.45	5.0	2.01	32.35	2.40	34.17	68.92	1.00	.01	0	1.01
05:00-06:00	9.00	304.4	8.44	7.5	1.51	31.46	2.37	34.33	68.15	.80	.04	0	.84
06:00-07:00	6.00	201.0	5.76	19.0	2.32	31.00	2.50	33.98	67.48	3.05	.11	0	3.16
07:00-08:00	7.00	264.0	8.41	4.9	1.66	35.26	2.46	34.41	72.13	.65	.05	0	.70
08:00-09:00	6.00	194.8	7.96	2.9	.75	29.99	2.48	34.60	67.07	.43	.05	0	.48
09:00-10:00	7.00	225.7	6.21	18.7	2.45	29.81	2.44	29.53	61.77	2.61	.06	0	2.68
10:00-11:00	8.00	296.1	7.95	4.9	1.51	34.66	2.35	37.39	74.41	.57	.05	0	.62
11:00-12:00	7.00	218.8	6.47	22.2	2.14	28.80	2.46	35.72	66.98	2.99	.18	0	3.16
12:00-13:00	6.00	230.6	7.21	0	.16	35.85	2.59	36.38	74.81	0	.04	0	.04
13:00-14:00	7.00	217.7	7.66	7.8	1.64	28.90	2.20	32.10	63.19	1.02	.09	0	1.11
14:00-15:00	7.00	225.7	6.21	19.5	2.50	29.70	2.54	34.36	66.60	2.61	.18	0	2.79
15:00-16:00	7.00	264.1	8.39	5.6	1.79	35.26	2.47	44.72	82.45	.65	.14	0	.79
16:00-17:00	7.00	229.9	7.48	11.0	1.59	30.38	2.46	35.23	68.08	1.41	.16	0	1.57
17:00-18:00	6.00	208.4	6.77	11.5	2.73	32.43	2.30	25.13	59.87	1.83	.08	0	1.92
18:00-19:00	9.00	304.6	8.46	8.0	1.49	31.46	2.39	40.44	74.29	.80	.09	0	.89
19:00-20:00	6.00	201.1	5.75	18.9	2.43	31.00	2.52	32.42	65.94	3.05	.10	0	3.15
20:00-21:00	7.00	264.3	8.42	5.3	1.63	35.26	2.49	34.36	72.11	.65	.11	0	.76
21:00-22:00	2.00	66.9	9.00	0	.01	31.27	2.19	23.23	56.68	0	0	0	0
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	144.00	4931.0	7.82	215.9	2.13	31.81	2.43	35.01	69.25	1.41	.08	0	1.50

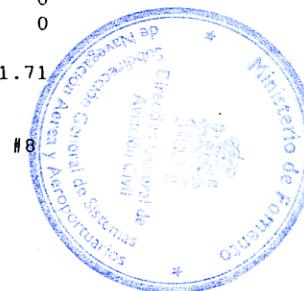
This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:24:37
 This page of the CMN.100.APT.PAGE report was finished at 17:24:43
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5754 TOP.FLIGHT=288



TEN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 17:22:54 (0) TEN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TEN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)								
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	2.90	117.8	13.58	2.9	1.39	34.16	6.47	23.52	64.15	0	.15	0	.86	1.00
02:00-03:00	6.90	275.2	13.98	9.5	1.97	33.40	6.49	23.95	63.83	.10	.25	0	1.03	1.38
03:00-04:00	5.50	239.4	12.74	9.2	2.13	37.25	6.28	25.81	69.34	.09	.30	0	1.29	1.68
04:00-05:00	6.80	285.5	12.23	19.6	3.18	35.56	6.43	27.72	69.71	.14	.99	0	1.75	2.88
05:00-06:00	6.30	260.1	14.33	10.5	2.00	34.91	6.37	32.45	73.73	.13	.29	0	1.24	1.66
06:00-07:00	8.40	355.4	13.58	19.8	3.28	35.97	6.34	30.84	73.16	.08	.81	0	1.47	2.36
07:00-08:00	6.30	246.0	11.85	6.9	1.45	32.56	6.48	28.12	67.16	.02	.14	0	.93	1.09
08:00-09:00	6.50	280.3	14.77	11.7	1.95	36.78	6.34	31.96	75.07	.06	.31	0	1.43	1.79
09:00-10:00	6.40	271.7	13.36	17.1	2.75	35.97	6.48	45.71	88.16	.13	.82	0	1.74	2.68
10:00-11:00	7.30	296.8	13.79	9.3	1.85	34.17	6.50	29.56	70.22	.21	.15	0	.92	1.28
11:00-12:00	8.00	348.8	12.98	13.9	2.26	37.28	6.31	38.55	82.15	.05	.48	0	1.21	1.74
12:00-13:00	6.80	284.1	12.80	13.6	2.66	35.30	6.48	31.73	73.51	.11	.60	0	1.30	2.00
13:00-14:00	6.00	242.8	14.69	10.2	2.42	34.07	6.39	27.96	68.42	.10	.39	0	1.21	1.70
14:00-15:00	6.90	296.7	12.49	13.9	2.41	36.70	6.31	29.14	72.15	0	.51	0	1.51	2.02
15:00-16:00	7.30	299.3	13.71	10.6	1.70	34.46	6.54	37.40	78.40	.20	.20	0	1.05	1.45
16:00-17:00	6.00	264.8	13.13	6.5	1.64	37.84	6.30	27.58	71.72	.07	.12	0	.90	1.09
17:00-18:00	6.70	273.8	12.57	10.5	1.96	34.47	6.39	32.96	73.82	.12	.30	0	1.14	1.57
18:00-19:00	7.60	307.4	14.32	12.8	1.86	34.02	6.43	37.54	77.99	.09	.23	0	1.37	1.69
19:00-20:00	8.00	342.0	13.30	15.2	2.34	36.40	6.35	38.26	81.01	.03	.45	0	1.42	1.90
20:00-21:00	6.50	267.8	12.20	13.1	2.43	34.68	6.52	32.43	73.63	.20	.39	0	1.43	2.02
21:00-22:00	6.50	270.2	14.96	6.3	1.50	35.22	6.34	33.90	75.46	.05	.23	0	.68	.96
22:00-23:00	3.00	128.3	12.66	3.0	1.85	36.31	6.47	51.64	94.42	.04	.24	0	.72	1.00
23:00-24:00	.30	9.8	6.02	0	0	25.87	6.67	94.92	127.46	0	0	0	0	0
24:00-25:00	.60	27.8	11.05	0	0	39.57	6.77	150.15	196.49	0	0	0	0	0
25:00-26:00	.20	5.9	4.80	0	0	22.87	6.45	215.41	244.72	0	0	0	0	0
TEN DEP TOTALS:	143.70	5997.6	13.46	246.2	2.29	35.33	6.41	33.49	75.22	.09	.39	0	1.23	1.71

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:24:37
 This page of the CMN.100.APT.PAGE report was finished at 17:24:43
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5754 TOP.FLIGHT=288



TEN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:34:45 (0) TEN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.78	2.3	.88	25.74	2.38	35.25	63.37	.77	0	0	.77
01:00-02:00	7.00	225.4	6.18	4.4	1.01	29.70	2.50	42.37	74.57	.58	.04	0	.62
02:00-03:00	7.00	264.5	8.48	4.3	1.43	35.26	2.53	37.45	75.23	.57	.04	0	.61
03:00-04:00	7.00	229.5	7.47	4.8	.90	30.38	2.40	31.35	64.13	.62	.07	0	.69
04:00-05:00	5.00	165.9	6.25	2.2	.85	30.80	2.39	36.35	69.54	.40	.04	0	.44
05:00-06:00	9.00	323.0	8.16	6.2	1.37	33.53	2.36	37.90	73.79	.67	.02	0	.69
06:00-07:00	6.00	192.0	6.72	4.9	1.06	29.52	2.49	25.74	57.74	.73	.09	0	.82
07:00-08:00	5.00	187.6	7.55	0	.17	35.04	2.48	30.77	68.28	0	.05	0	.05
08:00-09:00	8.00	261.4	8.25	6.9	1.47	30.27	2.40	26.74	59.41	.79	.07	0	.86
09:00-10:00	7.00	225.4	6.23	4.4	.91	29.70	2.49	36.33	68.52	.58	.04	0	.62
10:00-11:00	6.00	239.8	6.91	4.5	1.56	37.48	2.49	34.41	74.38	.67	.09	0	.76
11:00-12:00	7.00	229.9	7.47	5.1	.97	30.38	2.45	39.83	72.67	.62	.10	0	.72
12:00-13:00	6.00	190.4	6.63	2.3	.83	29.32	2.42	41.75	73.48	.33	.05	0	.39
13:00-14:00	7.00	263.2	8.34	4.2	1.42	35.21	2.38	29.44	67.04	.57	.03	0	.60
14:00-15:00	7.00	222.1	6.49	7.5	1.10	29.28	2.45	37.35	69.07	.91	.16	0	1.07
15:00-16:00	6.00	217.3	7.48	0	.26	33.78	2.43	36.97	73.18	0	.08	0	.08
16:00-17:00	8.00	260.7	8.21	7.3	1.52	30.27	2.32	31.25	63.83	.79	.13	0	.92
17:00-18:00	6.00	201.2	5.76	4.3	.99	31.00	2.53	30.30	63.83	.68	.04	0	.71
18:00-19:00	7.00	264.2	8.42	4.4	1.43	35.26	2.49	36.98	74.72	.57	.06	0	.63
19:00-20:00	5.00	151.2	6.90	2.4	.79	27.95	2.28	29.27	59.51	.46	.03	0	.49
20:00-21:00	8.00	269.0	6.88	4.6	.91	31.10	2.52	32.36	65.98	.51	.06	0	.57
21:00-22:00	6.90	258.7	8.38	4.2	1.42	35.15	2.35	27.55	65.04	.58	.02	0	.60
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	143.90	4926.7	7.83	91.9	1.17	31.80	2.43	34.01	68.25	.58	.06	0	.64

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:36:44
 This page of the CMN.100.APT.PAGE report was finished at 16:36:50
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5744 TOP.FLIGHT=288



TFN AIRPORT -- AIL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:34:45 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

Page #8

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	3.00	120.0	13.65	1.9	.89	33.56	6.42	21.73	61.71	0	.09	0	.53	.62	
02:00-03:00	5.80	230.1	13.32	6.0	1.55	33.24	6.44	23.16	62.84	.11	.14	0	.78	1.03	
03:00-04:00	5.40	244.8	13.24	6.2	1.64	39.00	6.34	31.75	77.08	0	.24	0	.90	1.15	
04:00-05:00	7.40	307.9	11.98	12.8	1.80	35.23	6.38	30.00	71.60	.13	.33	0	1.26	1.73	
05:00-06:00	5.10	215.6	14.96	6.7	2.03	35.75	6.53	35.01	77.29	.04	.22	0	1.06	1.32	
06:00-07:00	8.30	364.6	13.26	11.1	1.75	37.60	6.32	30.41	74.33	.06	.22	0	1.06	1.34	
07:00-08:00	6.90	284.5	13.02	13.4	2.79	34.75	6.48	44.79	86.02	.34	.39	0	1.21	1.94	
08:00-09:00	6.00	223.6	13.95	12.9	2.74	30.84	6.43	36.70	73.97	.18	.46	0	1.51	2.16	
09:00-10:00	7.30	304.8	13.82	14.6	2.33	35.35	6.40	40.99	82.75	.04	.49	0	1.48	2.00	
10:00-11:00	7.10	285.8	12.65	10.9	2.21	33.76	6.49	34.05	74.30	.21	.33	0	.99	1.53	
11:00-12:00	6.40	276.9	13.12	10.7	2.17	36.92	6.34	36.49	79.75	.10	.37	0	1.20	1.68	
12:00-13:00	6.10	254.2	12.97	8.5	1.73	35.29	6.39	32.29	73.97	.12	.25	0	1.02	1.39	
13:00-14:00	6.20	257.1	14.67	8.8	1.98	34.96	6.51	34.01	75.48	.01	.28	0	1.12	1.42	
14:00-15:00	7.00	314.1	12.41	11.9	2.27	38.61	6.27	32.16	77.04	.06	.42	0	1.21	1.70	
15:00-16:00	6.80	273.8	12.25	12.3	2.11	33.85	6.41	34.24	74.51	.12	.34	0	1.35	1.81	
16:00-17:00	5.50	241.9	15.49	10.6	2.67	37.56	6.42	34.58	78.57	.08	.54	0	1.31	1.93	
17:00-18:00	8.30	336.6	13.14	15.1	2.44	34.21	6.35	30.78	71.33	0	.52	0	1.29	1.81	
18:00-19:00	7.20	293.6	12.57	11.8	2.56	34.25	6.53	46.60	87.39	.33	.25	0	1.06	1.63	
19:00-20:00	6.20	254.2	14.25	7.4	1.53	34.66	6.33	32.33	73.32	.06	.19	0	.93	1.19	
20:00-21:00	6.10	260.2	12.98	12.8	2.42	36.21	6.44	28.66	71.31	.04	.42	0	1.63	2.09	
21:00-22:00	7.20	269.6	13.01	11.2	2.12	30.98	6.47	34.49	71.94	.14	.23	0	1.20	1.56	
22:00-23:00	5.60	259.2	12.41	7.4	2.00	40.01	6.27	29.68	75.96	.10	.33	0	.89	1.31	
23:00-24:00	1.80	88.1	13.06	0	.70	42.46	6.49	58.55	107.50	0	.07	0	.14	.21	
24:00-25:00	.40	14.5	10.73	0	0	29.66	6.69	142.37	178.72	0	0	0	0	0	
25:00-26:00	.20	5.8	4.48	0	0	22.40	6.67	125.08	154.15	0	0	0	0	0	
TFN DEP TOTALS:	143.30	5981.5	13.49	225.2	2.17	35.33	6.41	34.56	76.30	.11	.32	0	1.14	1.57	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:36:44
 This page of the CMN.100.APT.PAGE report was finished at 16:36:50
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5744 TOP.FLIGHT=288

Page #8



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 17:24:52 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		TRAVEL		DELAY		TRAVEL				DELAY			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.78	2.0	.94	25.74	2.40	40.94	69.09	.67	0	0	.67
01:00-02:00	7.00	225.6	6.19	5.8	.94	29.70	2.53	40.82	73.05	.80	.03	0	.83
02:00-03:00	6.00	240.4	6.93	4.5	1.52	37.48	2.58	53.84	93.90	.67	.09	0	.75
03:00-04:00	7.00	229.6	7.47	4.6	.96	30.38	2.42	34.57	67.38	.57	.08	0	.65
04:00-05:00	6.00	190.2	6.60	4.0	.98	29.32	2.39	29.60	61.30	.60	.07	0	.67
05:00-06:00	7.00	263.2	8.33	4.3	1.42	35.21	2.39	41.83	79.43	.57	.05	0	.62
06:00-07:00	7.00	222.5	6.49	6.0	1.00	29.28	2.51	29.37	61.15	.86	0	0	.86
07:00-08:00	5.00	173.7	7.41	2.0	.65	32.35	2.39	34.97	69.70	.32	.07	0	.39
08:00-09:00	8.00	280.1	8.20	6.1	1.39	32.65	2.36	32.45	67.46	.75	.01	0	.76
09:00-10:00	6.00	192.1	6.67	6.0	.95	29.52	2.50	32.17	64.19	.93	.08	0	1.01
10:00-11:00	5.00	187.5	7.54	0	.22	35.04	2.46	27.33	64.82	0	.06	0	.06
11:00-12:00	8.00	261.3	8.21	6.1	1.39	30.27	2.39	34.92	67.58	.75	.02	0	.77
12:00-13:00	6.00	201.0	5.78	5.9	1.05	31.00	2.50	38.77	72.27	.93	.05	0	.98
13:00-14:00	6.00	221.9	8.83	4.5	1.70	34.36	2.62	40.99	77.97	.67	.08	0	.75
14:00-15:00	6.00	193.6	7.86	2.2	.78	30.06	2.20	26.76	59.02	.33	.03	0	.36
15:00-16:00	7.00	225.6	6.19	6.0	.96	29.70	2.53	39.93	72.16	.80	.06	0	.86
16:00-17:00	7.00	264.1	8.40	4.8	1.51	35.26	2.47	36.33	74.06	.57	.11	0	.68
17:00-18:00	6.00	205.3	7.18	4.4	1.00	31.79	2.42	34.38	68.60	.67	.07	0	.73
18:00-19:00	6.00	190.1	6.61	3.8	.86	29.32	2.36	32.11	63.79	.60	.04	0	.64
19:00-20:00	7.00	263.3	8.32	4.2	1.43	35.21	2.39	29.52	67.13	.57	.02	0	.59
20:00-21:00	7.00	222.2	6.47	6.5	1.02	29.28	2.46	32.18	63.91	.86	.08	0	.94
21:00-22:00	5.00	173.6	7.45	1.6	.63	32.35	2.38	35.28	70.00	.32	.01	0	.33
22:00-23:00	5.90	217.8	8.60	4.4	1.53	34.52	2.40	26.93	63.86	.68	.06	0	.74
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	143.90	4929.1	7.83	100.1	1.17	31.82	2.44	34.97	69.22	.64	.05	0	.70

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:26:26
 This page of the CMN.100.APT.PAGE report was finished at 17:26:32
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5744 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 17:24:52 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	3.00	121.0	13.36	3.0	1.54	33.89	6.44	22.50	62.82	0	.17	0	.84	1.01	
02:00-03:00	5.40	230.1	13.06	4.5	1.61	36.11	6.49	25.62	68.22	.01	.15	0	.67	.83	
03:00-04:00	5.20	227.5	13.56	6.0	1.54	37.41	6.34	26.05	69.80	.03	.19	0	.93	1.15	
04:00-05:00	6.40	261.4	13.05	7.2	1.61	34.38	6.46	29.13	69.97	.08	.20	0	.85	1.13	
05:00-06:00	6.10	236.9	13.13	7.5	1.53	32.39	6.45	34.81	73.65	.01	.14	0	1.08	1.23	
06:00-07:00	6.00	278.7	12.59	7.8	1.67	40.17	6.28	24.98	71.43	.23	.13	0	.94	1.29	
07:00-08:00	7.70	303.7	12.01	13.4	2.22	32.97	6.47	36.61	76.05	.07	.44	0	1.23	1.74	
08:00-09:00	6.20	262.2	15.80	10.3	1.99	35.81	6.49	49.62	91.92	.20	.18	0	1.29	1.66	
09:00-10:00	8.50	359.9	13.36	16.0	1.94	36.00	6.35	36.31	78.65	.04	.34	0	1.51	1.89	
10:00-11:00	5.20	216.3	11.05	6.6	2.17	35.15	6.45	32.99	74.59	.04	.34	0	.89	1.27	
11:00-12:00	6.50	261.8	15.12	9.2	2.35	33.85	6.43	37.04	77.31	.06	.32	0	1.04	1.42	
12:00-13:00	7.40	313.6	13.24	14.2	2.08	35.97	6.40	33.73	76.10	0	.45	0	1.46	1.92	
13:00-14:00	6.10	263.1	13.09	7.5	1.52	36.62	6.51	26.60	69.73	.11	.17	0	.95	1.24	
14:00-15:00	6.00	245.0	14.75	8.6	2.40	34.51	6.32	30.08	70.91	.08	.38	0	.98	1.44	
15:00-16:00	6.10	248.6	12.77	8.0	1.59	34.36	6.39	35.56	76.31	.01	.25	0	1.05	1.31	
16:00-17:00	6.60	267.0	13.11	9.9	2.30	33.97	6.48	26.67	67.12	.08	.30	0	1.13	1.51	
17:00-18:00	5.70	246.9	12.99	7.9	2.31	37.03	6.28	26.66	69.97	.19	.31	0	.89	1.39	
18:00-19:00	7.50	316.1	12.45	16.7	2.62	35.73	6.42	34.64	76.79	.14	.70	0	1.38	2.23	
19:00-20:00	5.70	225.2	15.20	9.2	1.66	32.97	6.53	35.54	75.04	.06	.11	0	1.43	1.61	
20:00-21:00	7.40	337.1	12.29	14.4	3.11	39.26	6.30	31.14	76.70	.15	.59	0	1.21	1.94	
21:00-22:00	5.40	214.1	12.20	7.5	2.05	33.24	6.40	26.24	65.88	.08	.23	0	1.08	1.38	
22:00-23:00	6.40	265.0	15.07	10.0	2.23	34.96	6.45	44.45	85.86	.25	.31	0	1.00	1.56	
23:00-24:00	6.00	252.6	12.45	4.0	1.40	35.70	6.40	42.79	84.89	.02	.19	0	.46	.67	
24:00-25:00	.60	23.7	13.57	0	0	32.98	6.51	128.87	168.35	0	0	0	0	0	
25:00-26:00	.20	5.8	4.48	0	0	22.40	6.57	238.18	267.14	0	0	0	0	0	
TFN DEP TOTALS:	143.30	5983.2	13.46	209.5	2.09	35.34	6.41	33.76	75.52	.09	.30	0	1.08	1.46	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:26:26
 This page of the CMN.100.APT.PAGE report was finished at 17:26:33
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5744 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY A R R I V A L GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:47:01 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.3	3.79	2.0	.94	25.74	2.37	26.67	54.78	.67	0	0	.67
01:00-02:00	7.00	225.8	6.19	5.3	.97	29.70	2.55	29.08	61.33	.72	.03	0	.75
02:00-03:00	6.00	240.0	6.95	4.1	1.51	37.48	2.51	30.99	70.99	.67	.02	0	.69
03:00-04:00	5.00	151.3	6.90	2.1	.80	27.95	2.31	31.02	61.29	.40	.01	0	.41
04:00-05:00	7.00	225.5	6.19	5.3	.94	29.70	2.51	44.44	76.65	.72	.04	0	.76
05:00-06:00	7.00	264.2	8.40	4.1	1.40	35.26	2.48	35.18	72.92	.57	.01	0	.58
06:00-07:00	6.00	205.2	7.17	4.3	.98	31.79	2.41	36.74	70.95	.67	.05	0	.72
07:00-08:00	6.00	190.3	6.55	4.5	1.21	29.32	2.40	26.08	57.80	.51	.24	.27	1.02
08:00-09:00	7.00	262.9	8.35	4.5	1.40	35.21	2.34	31.22	68.77	.57	.07	0	.64
09:00-10:00	6.00	187.6	6.89	4.2	.98	28.68	2.59	25.71	56.98	.67	.03	0	.70
10:00-11:00	5.00	165.8	6.30	3.1	.85	30.80	2.36	31.92	65.08	.61	.02	0	.63
11:00-12:00	7.00	263.1	8.34	4.4	1.42	35.21	2.37	28.57	66.15	.57	.05	0	.63
12:00-13:00	7.00	222.3	6.49	6.6	.98	29.28	2.49	33.11	64.88	.86	.09	0	.95
13:00-14:00	5.00	173.6	7.47	1.1	.42	32.35	2.38	28.89	63.61	.20	.03	0	.23
14:00-15:00	7.00	253.6	8.16	4.4	1.42	33.81	2.42	28.12	64.36	.57	.06	0	.63
15:00-16:00	7.00	218.7	6.49	7.6	.98	28.80	2.45	32.53	63.77	1.01	.08	0	1.09
16:00-17:00	4.00	144.0	7.82	0	.26	33.57	2.43	28.32	64.32	0	.07	0	.07
17:00-18:00	9.00	304.5	8.49	6.3	1.33	31.46	2.38	35.86	69.69	.67	.03	0	.70
18:00-19:00	5.00	167.7	6.30	5.4	.99	31.04	2.51	32.45	66.00	1.01	.08	0	1.09
19:00-20:00	5.00	187.5	7.55	0	.19	35.04	2.46	30.02	67.52	0	.07	0	.07
20:00-21:00	8.00	261.3	8.22	6.5	1.41	30.27	2.39	39.45	72.11	.75	.06	0	.81
21:00-22:00	6.00	201.0	5.77	5.3	.90	31.00	2.51	35.39	68.89	.84	.04	0	.88
22:00-23:00	5.90	217.4	8.87	4.1	1.51	34.25	2.60	30.52	67.38	.68	.02	0	.70
23:00-24:00	3.00	109.4	8.56	0	.18	34.38	2.09	25.72	62.19	0	.05	0	.05
24:00-25:00	0	0	0	0	0	0	0	0	0	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	143.90	4927.1	7.83	96.0	1.15	31.80	2.44	32.14	66.38	.61	.05	.01	.68

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:48:41
 This page of the CMN.100.APT.PAGE report was finished at 16:48:48
 .PA EJECT GOES HERE FOR PAGE 7 FIND.COUNT=5736 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:47:01 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)																		
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				TOT										
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE											
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
01:00-02:00	2.60	104.5	13.49	1.8	.94	33.81	6.38	23.67	63.86	0	.13	0	.58	.71	34.05	6.51	26.87	67.43	.21	.34	0	1.07	1.62	
02:00-03:00	6.50	263.6	13.51	10.6	2.46	37.72	6.33	29.00	73.05	.04	.22	0	.93	1.19	36.55	6.41	37.63	80.59	.03	.32	0	1.29	1.65	
03:00-04:00	5.20	229.1	13.48	6.2	1.59	34.97	6.49	36.59	78.06	.07	.25	0	1.13	1.45	37.16	6.27	30.24	73.68	.03	.24	0	.75	1.02	
04:00-05:00	4.90	210.5	13.43	8.1	2.00	33.26	6.45	45.22	84.92	.10	.50	0	1.56	2.16	34.05	6.51	42.01	84.08	.11	.28	0	1.27	1.66	
05:00-06:00	6.70	277.8	12.85	9.7	1.87	33.01	6.48	41.29	80.79	.10	.45	0	1.51	2.06	35.76	6.31	42.01	84.08	.11	.28	0	1.27	1.66	
06:00-07:00	5.30	230.2	13.93	5.4	1.72	34.35	6.45	40.38	81.18	.10	.30	0	1.25	1.66	34.35	6.45	40.38	81.18	.10	.30	0	1.25	1.66	
07:00-08:00	6.80	270.0	12.74	14.7	2.52	34.50	6.49	28.32	69.32	0	.25	0	1.25	1.50	34.50	6.49	28.32	69.32	0	.25	0	1.25	1.50	
08:00-09:00	6.60	260.6	14.20	13.6	2.49	37.54	6.31	27.97	71.81	.11	.18	0	.87	1.15	35.76	6.31	42.01	84.08	.11	.28	0	1.27	1.66	
09:00-10:00	7.30	307.1	12.71	12.1	2.15	34.72	6.39	33.91	75.02	.02	.20	0	.62	.84	34.72	6.39	33.91	75.02	.02	.20	0	.62	.84	
10:00-11:00	7.20	293.7	12.55	11.9	1.93	34.50	6.45	27.68	68.63	.01	.10	0	.99	1.11	34.50	6.45	27.68	68.63	.01	.10	0	.99	1.11	
11:00-12:00	5.20	213.2	15.72	7.8	2.01	37.65	6.36	37.99	81.99	.05	.38	0	1.05	1.48	37.65	6.36	37.99	81.99	.05	.38	0	1.05	1.48	
12:00-13:00	7.00	306.9	12.37	8.1	1.56	35.68	6.48	48.80	90.97	.17	.34	0	1.00	1.51	35.68	6.48	48.80	90.97	.17	.34	0	1.00	1.51	
13:00-14:00	5.40	222.0	11.97	4.5	1.48	35.11	6.37	33.35	74.83	0	.17	0	.98	1.15	35.11	6.37	33.35	74.83	0	.17	0	.98	1.15	
14:00-15:00	4.90	200.6	15.59	5.4	1.47	34.94	6.35	32.57	73.86	.01	.64	0	1.47	2.12	34.94	6.35	32.57	73.86	.01	.64	0	1.47	2.12	
15:00-16:00	8.00	352.0	12.31	11.9	2.04	35.80	6.52	36.19	78.50	.08	.41	0	.71	1.20	35.80	6.52	36.19	78.50	.08	.41	0	.71	1.20	
16:00-17:00	5.80	244.5	13.32	8.8	2.30	34.08	6.42	43.57	84.07	.05	.32	0	1.29	1.66	34.08	6.42	43.57	84.07	.05	.32	0	1.29	1.66	
17:00-18:00	5.20	215.7	14.98	6.0	1.58	37.08	6.36	25.52	68.96	0	.45	0	1.15	1.61	37.08	6.36	25.52	68.96	0	.45	0	1.15	1.61	
18:00-19:00	8.20	338.6	13.54	17.4	2.39	35.54	6.43	39.04	81.00	.01	.20	0	.82	1.02	35.54	6.43	39.04	81.00	.01	.20	0	.82	1.02	
19:00-20:00	6.00	253.9	11.59	7.2	2.18	34.83	6.35	34.83	76.01	.13	.14	0	.62	.89	34.83	6.35	34.83	76.01	.13	.14	0	.62	.89	
20:00-21:00	5.70	230.9	15.37	9.5	2.23	34.54	6.51	52.73	93.78	.03	.10	0	.24	.36	34.54	6.51	52.73	93.78	.03	.10	0	.24	.36	
21:00-22:00	6.40	278.1	12.68	10.3	2.54	24.91	6.58	32.87	64.37	0	.65	0	.91	1.56	24.91	6.58	32.87	64.37	0	.65	0	.91	1.56	
22:00-23:00	5.50	230.8	11.61	5.6	1.51	TFN DEP TOTALS:	142.90	5964.3	13.46	204.0	2.04	35.33	6.41	35.86	77.59	.07	.31	0	1.06	1.43				
23:00-24:00	6.30	259.4	15.49	5.6	1.48																			
24:00-25:00	4.00	164.2	11.79	1.5	.84																			
25:00-26:00	.20	6.3	7.41	0	1.56																			

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 16:48:41
 This page of the CMN.100.APT.PAGE report was finished at 16:48:48
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5736 TOP.FLIGHT=288



TFN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:58:19 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		T R A V E L				D E L A Y			
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	TOT
00:00-01:00	3.00	84.4	3.80	0	0	25.74	2.41	41.00	69.14	0	0	0	0
01:00-02:00	6.00	200.9	5.75	8.4	1.52	31.00	2.48	35.63	69.11	1.40	.01	0	1.40
02:00-03:00	7.00	264.3	8.45	2.5	.76	35.26	2.51	27.44	65.21	.26	.10	0	.36
03:00-04:00	5.00	151.3	6.92	0	.05	27.95	2.31	34.02	64.28	0	.01	0	.01
04:00-05:00	7.00	225.7	6.18	8.5	1.49	29.70	2.54	35.00	67.24	1.20	.02	0	1.22
05:00-06:00	6.00	239.6	6.95	2.0	.68	37.48	2.45	35.45	75.38	.30	.03	0	.33
06:00-07:00	5.00	151.1	6.95	0	.10	27.95	2.27	38.21	68.43	0	.03	0	.03
07:00-08:00	7.00	225.6	6.20	8.7	1.51	29.70	2.52	36.84	69.06	1.20	.05	0	1.25
08:00-09:00	6.00	239.7	6.98	2.2	.74	37.48	2.47	33.65	73.60	.30	.06	0	.37
09:00-10:00	5.00	151.0	6.94	0	.18	27.95	2.25	31.90	62.10	0	.03	0	.03
10:00-11:00	7.00	225.6	6.18	9.3	1.49	29.70	2.52	33.04	65.27	1.20	.13	0	1.33
11:00-12:00	6.00	239.5	6.91	2.1	.70	37.48	2.44	31.28	71.20	.30	.05	0	.35
12:00-13:00	5.00	151.4	6.90	0	.07	27.95	2.32	23.17	53.45	0	.01	0	.01
13:00-14:00	7.00	225.5	6.20	9.1	1.52	29.70	2.51	34.36	66.57	1.20	.10	0	1.30
14:00-15:00	6.00	239.5	7.01	2.1	.74	37.48	2.43	35.70	75.61	.30	.05	0	.36
15:00-16:00	5.00	151.2	6.90	0	.09	27.95	2.29	28.26	58.50	0	.02	0	.02
16:00-17:00	7.00	225.4	6.24	9.2	1.58	29.70	2.50	34.55	66.75	1.20	.12	0	1.31
17:00-18:00	6.00	239.9	6.93	1.9	.67	37.48	2.50	29.56	69.55	.30	.02	0	.32
18:00-19:00	6.00	194.4	8.03	.7	.37	29.99	2.41	43.60	75.99	0	.11	0	.11
19:00-20:00	7.00	225.6	6.22	8.8	1.50	29.81	2.42	30.30	62.52	1.20	.06	0	1.26
20:00-21:00	6.00	220.9	8.72	1.8	.68	34.31	2.51	37.59	74.41	.30	0	0	.30
21:00-22:00	5.00	170.2	7.79	0	.22	31.60	2.43	27.81	61.85	0	.03	0	.03
22:00-23:00	6.90	223.0	6.15	9.1	1.52	29.92	2.40	28.39	60.70	1.21	.10	0	1.31
23:00-24:00	5.80	214.2	8.71	1.7	.66	34.43	2.50	27.41	64.34	.28	.02	0	.30
24:00-25:00	1.00	42.5	.14	0	0	40.62	1.86	27.34	69.82	0	0	0	0
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TFN ARR TOTALS:	143.70	4922.3	7.82	89.0	1.16	31.82	2.44	32.97	67.22	.57	.05	0	.62

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:00:33
 This page of the CMN.100.APT.PAGE report was finished at 17:00:40
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TFN AIRPORT -- ALL RUNWAY DEPARTURE GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 16:58:19 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)									
		T R A V E L		D E L A Y		T R A V E L				D E L A Y					
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT	
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00-02:00	3.10	123.3	13.49	2.8	1.12	33.34	6.43	21.07	60.85	0	.22	0	.67	.89	
02:00-03:00	5.90	248.0	13.27	7.4	1.80	35.54	6.50	23.97	66.01	.10	.32	0	.84	1.26	
03:00-04:00	4.80	201.2	14.70	5.5	1.81	35.64	6.27	25.97	67.88	.13	.27	0	.74	1.14	
04:00-05:00	6.00	252.6	13.30	10.9	2.79	35.69	6.41	28.48	70.59	0	.56	0	1.26	1.82	
05:00-06:00	6.90	278.9	13.05	9.6	1.91	33.91	6.52	33.20	73.63	.22	.16	0	1.02	1.40	
06:00-07:00	5.00	222.4	13.81	5.9	1.68	38.21	6.27	29.94	74.41	.05	.25	0	.88	1.18	
07:00-08:00	5.70	241.0	12.85	9.1	1.95	35.86	6.42	35.44	77.73	.03	.28	0	1.29	1.60	
08:00-09:00	6.90	278.3	13.65	9.3	1.82	33.86	6.48	37.14	77.48	.16	.19	0	1.00	1.35	
09:00-10:00	5.60	234.4	14.48	5.8	1.90	35.59	6.27	29.80	71.66	.04	.28	0	.72	1.03	
10:00-11:00	6.00	256.9	12.59	9.9	2.15	36.31	6.50	33.00	75.81	.03	.37	0	1.25	1.65	
11:00-12:00	6.90	280.1	13.44	9.5	2.00	34.08	6.50	31.96	72.54	.19	.25	0	.94	1.37	
12:00-13:00	5.40	229.1	13.26	6.5	1.73	36.17	6.25	39.77	82.19	.15	.18	0	.87	1.20	
13:00-14:00	6.30	262.5	12.99	19.7	3.22	35.21	6.46	28.46	70.13	0	1.17	0	1.96	3.12	
14:00-15:00	6.20	246.2	13.23	7.0	1.71	33.23	6.47	26.86	66.56	.02	.19	0	.92	1.14	
15:00-16:00	5.40	243.5	13.52	6.1	1.59	38.89	6.21	35.29	80.39	.10	.20	0	.82	1.12	
16:00-17:00	5.80	240.4	12.93	9.7	2.15	34.97	6.47	34.53	75.97	.04	.39	0	1.24	1.67	
17:00-18:00	7.10	271.7	13.37	9.7	2.23	31.78	6.49	39.92	78.19	.05	.28	0	1.03	1.36	
18:00-19:00	5.20	232.2	13.66	5.6	1.54	38.40	6.26	37.59	82.25	.10	.17	0	.81	1.07	
19:00-20:00	5.10	213.2	13.29	4.6	1.16	35.44	6.37	31.77	73.58	0	.13	0	.77	.89	
20:00-21:00	7.40	291.9	13.39	11.8	2.23	32.94	6.51	42.34	81.79	.24	.27	0	1.09	1.59	
21:00-22:00	5.70	248.1	13.58	7.5	1.78	37.25	6.28	37.17	80.70	.09	.26	0	.97	1.32	
22:00-23:00	5.90	247.0	13.09	10.0	1.76	35.39	6.47	33.14	75.00	.09	.23	0	1.38	1.70	
23:00-24:00	6.80	275.3	13.13	7.2	1.72	34.00	6.49	33.48	73.96	.16	.18	0	.72	1.06	
24:00-25:00	6.30	284.1	12.62	3.6	1.11	38.71	6.38	38.76	83.85	.02	.09	0	.46	.58	
25:00-26:00	1.10	48.4	12.79	.9	2.20	37.58	6.43	36.09	80.10	0	.37	0	.42	.79	
TFN DEP TOTALS:	142.50	5950.7	13.46	195.5	2.01	35.35	6.41	33.33	75.09	.09	.29	0	.99	1.37	

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:00:33
 This page of the CMN.100.APT.PAGE report was finished at 17:00:40
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TEN AIRPORT -- ALL RUNWAY ARRIVAL GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 17:00:49 (0) TEN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TEN-ALL ARRIVAL FLOW	OVERALL ARRIVAL TIMES (MIN)				AVERAGE ARRIVAL TIMES (MIN)							
		T R A V E L		D E L A Y		AIR	T R A V E L			AIR	D E L A Y		
		TOT	SDV	TOT	SDV		GND	GTE	TOT		GND	GTE	TOT
00:00-01:00	3.00	84.5	3.78	0	0	25.74	2.42	24.66	52.82	0	0	0	0
01:00-02:00	6.00	201.1	5.72	8.2	1.51	31.00	2.52	32.39	65.91	1.30	.07	0	1.36
02:00-03:00	6.00	221.7	8.86	2.2	.77	34.36	2.58	40.89	77.84	.33	.03	0	.36
03:00-04:00	6.00	193.8	7.88	0	.16	30.06	2.25	32.12	64.42	0	.03	0	.03
04:00-05:00	6.00	201.0	5.74	8.8	1.45	31.00	2.51	44.15	77.65	1.30	.17	0	1.47
05:00-06:00	5.00	197.2	7.54	0	.22	36.85	2.59	32.49	71.93	0	.06	0	.06
06:00-07:00	7.00	218.2	7.78	2.5	.80	28.90	2.28	30.24	61.41	.29	.07	0	.36
07:00-08:00	6.00	201.2	5.73	8.0	1.50	31.00	2.53	44.87	78.39	1.30	.04	0	1.34
08:00-09:00	5.00	197.3	7.51	0	.15	36.85	2.61	28.94	68.40	0	.04	0	.04
09:00-10:00	7.00	218.1	7.70	2.1	.70	28.90	2.26	36.14	67.29	.29	.02	0	.30
10:00-11:00	5.00	167.7	6.32	8.6	1.54	31.04	2.49	30.73	64.26	1.56	.17	0	1.73
11:00-12:00	5.00	187.5	7.56	0	.15	35.04	2.46	33.80	71.30	0	.03	0	.03
12:00-13:00	8.00	261.5	8.26	2.8	.83	30.27	2.42	32.10	64.79	.25	.10	0	.35
13:00-14:00	5.00	167.9	6.30	8.2	1.43	31.04	2.54	40.18	73.75	1.56	.08	0	1.64
14:00-15:00	5.00	187.4	7.51	0	.32	35.04	2.44	35.96	73.43	0	.08	0	.08
15:00-16:00	7.00	236.7	8.11	2.5	.73	31.47	2.34	29.57	63.37	.29	.07	0	.35
16:00-17:00	6.00	192.2	6.65	8.9	1.67	29.52	2.51	35.45	67.48	1.30	.19	0	1.49
17:00-18:00	4.00	144.0	7.75	0	.05	33.57	2.44	33.19	69.20	0	.01	0	.01
18:00-19:00	8.00	280.6	8.29	2.3	.67	32.65	2.43	37.90	72.98	.25	.04	0	.29
19:00-20:00	5.00	162.4	7.25	6.4	1.61	29.93	2.56	31.07	63.55	1.20	.09	0	1.29
20:00-21:00	5.00	173.8	7.43	2.0	.76	32.35	2.41	23.93	58.69	.36	.05	0	.40
21:00-22:00	8.00	280.4	8.28	2.6	.72	32.65	2.40	31.32	66.37	.25	.07	0	.32
22:00-23:00	4.90	158.1	7.14	6.5	1.63	29.72	2.56	26.25	58.53	1.22	.10	0	1.32
23:00-24:00	5.00	173.8	7.39	2.1	.75	32.35	2.41	26.39	61.15	.36	.06	0	.42
24:00-25:00	5.80	213.6	8.68	2.3	.78	34.41	2.41	29.26	66.09	.34	.05	0	.40
25:00-26:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TEN ARR TOTALS:	143.70	4921.7	7.83	88.3	1.15	31.80	2.45	33.29	67.54	.54	.07	0	.61

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:15:52
 This page of the CMN.100.APT.PAGE report was finished at 17:15:58
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TFN AIRPORT -- ALL RUNWAY D E P A R T U R E GROUND AND AIR TRAVEL AND DELAY TIMES
 BASED ON 10 ITERATIONS INCLUDED IN THE FOLLOWING SIMMOD RUN:
 #1-#10 02/25/1999 AT 17:00:49 (0) TFN Thu Feb 25 14:35:38 GMT+00:00 1999
 ALL AIRLINES, AIRPORTS, AND ITERATIONS ARE INCLUDED IN THIS REPORT.

TIME INTERVAL	TFN-ALL DEPARTURE FLOW	OVERALL DEPARTURE TIMES (MIN)				AVERAGE DEPARTURE TIMES (MIN)								
		T R A V E L		D E L A Y		T R A V E L				D E L A Y				
		TOT	SDV	TOT	SDV	AIR	GND	GTE	TOT	AIR	GND	GTE	QUE	TOT
00:00-01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	2.70	107.1	13.57	2.2	1.02	33.26	6.42	23.42	63.10	0	.12	0	.71	.83
02:00-03:00	5.50	231.1	12.44	8.8	2.86	35.53	6.48	25.10	67.11	.27	.38	0	.94	1.59
03:00-04:00	5.40	230.3	14.95	5.2	1.46	36.31	6.35	26.94	69.59	.08	.13	0	.75	.97
04:00-05:00	5.50	230.6	13.06	6.5	1.35	35.54	6.39	29.56	71.49	0	.15	0	1.03	1.18
05:00-06:00	5.90	255.3	12.39	7.9	1.78	36.75	6.52	36.66	79.93	.14	.17	0	1.03	1.34
06:00-07:00	4.40	175.4	14.80	5.4	1.89	33.52	6.34	32.98	72.84	.02	.28	0	.93	1.22
07:00-08:00	6.50	283.8	13.20	13.0	2.22	37.29	6.38	39.30	82.97	.13	.36	0	1.51	2.00
08:00-09:00	6.20	261.5	12.80	8.9	2.11	35.68	6.49	36.75	78.92	.29	.20	0	.95	1.44
09:00-10:00	5.00	195.3	14.46	7.2	1.80	32.69	6.36	30.38	69.44	.06	.29	0	1.10	1.45
10:00-11:00	8.10	339.0	13.33	21.5	4.09	35.44	6.40	42.71	84.55	.05	1.11	0	1.50	2.65
11:00-12:00	5.60	230.2	10.97	4.8	1.15	34.65	6.45	34.15	75.26	.08	.10	0	.67	.85
12:00-13:00	5.20	217.9	15.66	6.3	1.62	35.50	6.39	41.91	83.81	.01	.17	0	1.03	1.21
13:00-14:00	7.10	296.6	13.19	6.5	1.60	35.38	6.40	27.32	69.10	.07	.20	0	.64	.92
14:00-15:00	5.30	226.6	12.23	6.2	1.80	36.25	6.51	35.08	77.83	.07	.27	0	.83	1.16
15:00-16:00	4.90	195.4	14.55	4.6	1.13	33.55	6.34	36.21	76.09	.06	.10	0	.78	.94
16:00-17:00	6.90	290.8	13.03	11.9	1.97	35.76	6.38	37.07	79.21	.02	.29	0	1.42	1.73
17:00-18:00	5.80	244.8	12.35	8.5	2.91	35.70	6.51	37.65	79.86	.36	.31	0	.79	1.46
18:00-19:00	4.50	179.1	15.50	4.9	1.46	33.36	6.43	39.18	78.98	.03	.10	0	.97	1.10
19:00-20:00	8.20	336.8	13.70	14.6	2.31	34.68	6.40	33.47	74.54	.03	.44	0	1.32	1.78
20:00-21:00	5.50	242.7	11.79	5.0	1.83	37.67	6.45	32.81	76.93	.11	.13	0	.68	.92
21:00-22:00	4.80	181.0	14.37	3.7	1.21	31.30	6.41	31.99	69.70	0	.13	0	.64	.77
22:00-23:00	7.20	316.6	12.87	8.7	1.76	37.57	6.40	29.57	73.54	.01	.24	0	.96	1.21
23:00-24:00	4.90	194.1	11.54	6.7	2.07	33.10	6.52	32.70	72.32	.06	.26	0	1.04	1.37
24:00-25:00	5.10	204.9	14.90	5.9	1.61	33.78	6.39	38.50	78.67	.01	.19	0	.97	1.16
25:00-26:00	2.40	90.1	13.94	.8	.87	31.16	6.38	39.17	76.71	0	.10	0	.22	.32
TFN DEP TOTALS:	138.60	5756.9	13.50	185.8	2.12	35.12	6.42	34.20	75.74	.08	.28	0	.98	1.34

This SIMMOD REPORT MODULE run was begun 02/25/1999 at approximately 17:15:52
 This page of the CMN.100.APT.PAGE report was finished at 17:15:58
 .PA EJECT GOES HERE FOR PAGE 8 FIND.COUNT=5646 TOP.FLIGHT=285

