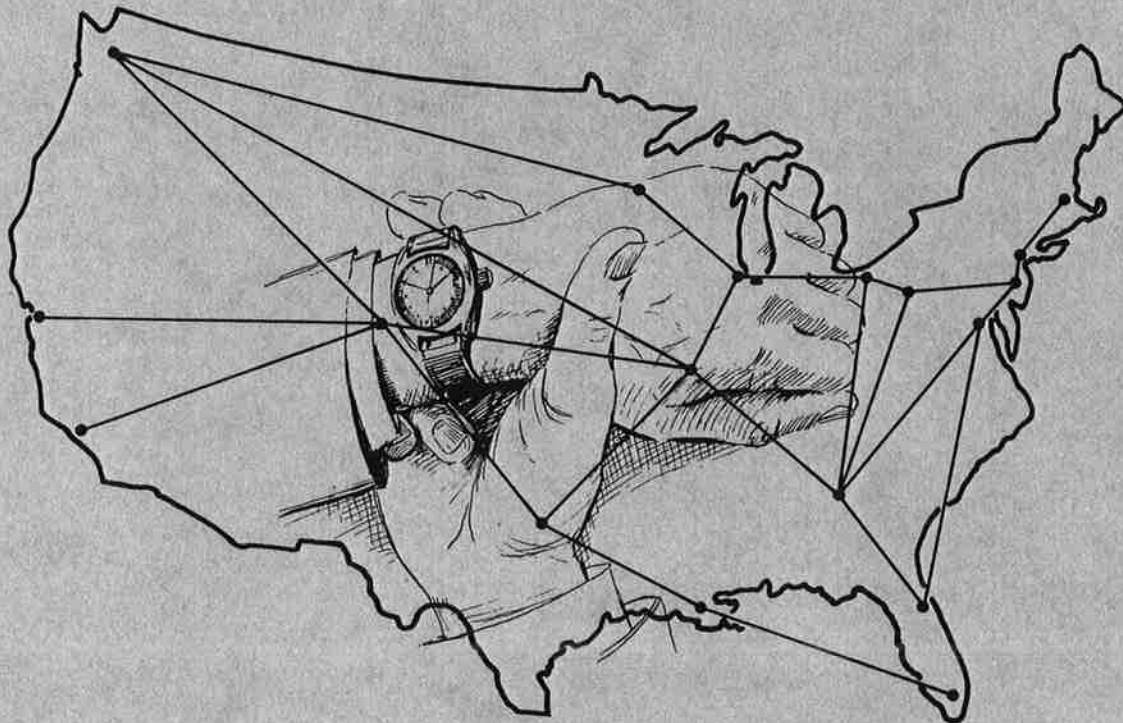


AIRLINE DELAY TRENDS 1974-1975

A Study of Block Time Delays
Ground and Airborne for Scheduled Air Carriers



MARCH 1977 ANNUAL REPORT

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16. Abstract Estimates of block, airborne and ground delays for route segments flown by United States domestic scheduled airlines operating out of twenty large airports are presented in this document. The data were determined from the CAB ER-586 Service Segment data base, which provides monthly operational times, both ground and airborne, for all route segments receiving scheduled air carrier service. The data in this report are limited to the three-hundred and thirty route segments connecting the twenty airports included in the study. Average monthly estimates of the ground and airborne components of block delays, defined as delays encountered from "ramp to ramp" on a route segment, are presented for the two-year period from 1974-1975. Average monthly estimates of delays for the airborne portion of the segment ("wheel off" to "wheels on") are categorized according to (1) route segment, (2) airline, (3) aircraft type and (4) local scheduled arrival or departure time. Average monthly estimates of delays for the ground portion of the route segments are categorized according to departure and arrival ground times at the twenty airport locations included in the study. These estimates of ground delays are further categorized into "busy" time intervals (07:00 - 22:59) and "dull" time intervals (23:00 - 06:59).					
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PREFACE

The 1976 edition of Airline Delay Trends is the third in a series of annual reports sponsored by the Federal Aviation Administration, Office of Systems Engineering and Management. All statistical models and programs developed by the initial study effort in 1974 are accessed through the computer facilities of the Department of Transportation, Transportation Systems Center, Cambridge, Massachusetts. It is here that the 1975 and 1976 reports were produced.

The report provides estimates of block, airborne, and ground delays for route segments flown by major domestic scheduled airlines operating out of 20 of the most active U.S. airports. The data presented within were derived by using a comprehensive airline data base collected by the Civil Aeronautics Board, under Economic Regulation - 586, known as the CAB Service Segment Data.

These data provide continuous and consistent monthly totals of operational block times, for both the airborne and ground components of all routes flown in scheduled service. The trends in airline delays were determined from the CAB data files by combining the files with data available from two other sources - the Official Airline Guide data (OAG) and the New York/New Jersey Port Authority ground time estimates.

The monthly estimates of delays provided in this report cover the two year period, 1974 and 1975. The level of detail in delay times produced from merging the CAB, OAG, and Port Authority data is categorized according to:

- (1) Route segment
- (2) Directional departure and arrival airborne and ground time.
- (3) Airline
- (4) Aircraft type
- (5) Scheduled departure and arrival time - airborne and ground component

- (6) Scheduled departure and arrival "busy" and "dull" time interval - airborne and ground components.

The two earlier delay reports for 1972-1973, and 1973-1974 present data for the 50 most active routes connecting 20 airports. The 1974-1975 report shows the same types of graphical displays and tabular presentations of summary data, but a representative sample of only 10 of the top 50 routes are included in the report. However, the Transportation Systems Center maintains the delay data for all routes actually flown in scheduled service during the 1974-1975 period, as well as for the earlier years. These data are accessible for display and for analyses through an on-line time-sharing environment. Other modifications have been made in the new version of the delay document. A listing of the nominal airborne times by departure airport for all route segments has been included in Chapter I, Table 1. Chapter III of the report published in 1976, showing route segment delays by aircraft type, has been eliminated, as well as Tables IV-2-1 through IV-2-20 listing the average yearly air, block and ground times by departure airport.

TABLE OF CONTENTS

		Page
Table A	Major Airports and Air Carriers Included in Study	1
Table B	Most Active Route Segments Included in Study	2
<i>Chapter I.</i>	<i>Airborne Delays</i>	3
Table I-1	Nominal Airborne Times for Route Segments Connecting the 20 Air- ports	4
<p>Tables and Figures I-2-1 to I-2-10 Airborne Delays, Monthly Averages, 1974 and 1975; Busy and Dull Intervals for 10 of Top 50 Route Segments</p>		
Table and Figure I-2-1	Atlanta to Dallas/Fort Worth ..	14, 15
Table and Figure I-2-2	Boston to Philadelphia	16, 17
Table and Figure I-2-3	Cleveland to Detroit	18, 19
Table and Figure I-2-4	Washington to Chicago	20, 21
Table and Figure I-2-5	Denver to Chicago	22, 23
Table and Figure I-2-6	New York (JFK) to Miami	24, 25
Table and Figure I-2-7	Los Angeles to Sar Francisco ..	26, 27
Table and Figure I-2-8	New York (La Guardia) to Boston	28, 29
Table and Figure I-2-9	Chicago to St. Louis	30, 31
Table and Figure I-2-10	San Francisco to Seattle	32, 33
I-3.	Airborne Times, Delays, and Flight Activity Annual Averages for 1974, Categorized by Route Segment, Airline and Equipment Type, Busy and Dull Time Intervals, 10 of Top 50 Route Segments	
Table I-3-1	Atlanta to Dallas/Fort Worth	34
Table I-3-2	Boston to Philadelphia	35
Table I-3-3	Cleveland to Detroit	37

TABLE OF CONTENTS (CONTINUED)

		Page
Table I-3-4	Washington to Chicago	39
Table I-3-5	Denver to Chicago	40
Table I-3-6	New York (JFK) to Miami	41
Table I-3-7	Los Angeles to San Francisco	43
Table I-3-8	New York (La Guardia) to Boston	46
Table I-3-9	Chicago to St. Louis	47
Table I-3-10	San Francisco to Seattle	48
I-4.	Airborne Times, Delays and Flight Activity; Annual Averages for 1975, Categorized by Route Segment, Airline and Equipment Type, Busy and Dull Time Intervals, 10 of Top 50 Route Segments	
Table I-4-1	Atlanta to Dallas/Fort Worth	49
Table I-4-2	Boston to Philadelphia	50
Table I-4-3	Cleveland to Detroit	52
Table I-4-4	Washington to Chicago	54
Table I-4-5	Denver to Chicago	55
Table I-4-6	New York (JFK) to Miami	56
Table I-4-7	Los Angeles to San Francisco	58
Table I-4-8	New York (La Guardia) to Boston	61
Table I-4-9	Chicago to St. Louis	62
Table I-4-10	San Francisco to Seattle	63
I-5	Airborne Times, Delays, and Flight Activity; Annual Averages, 1974 and 1975, Categorized by Route Segment, Airline and Equipment Type, 10 of Top 50 Route Segments	
Table I-5-1	Atlanta to Dallas/Fort Worth	64
Table I-5-2	Boston to Philadelphia	65

TABLE OF CONTENTS (CONTINUED)

	Page
Table I-5-3 Cleveland to Detroit	67
Table I-5-4 Washington to Chicago	68
Table I-5-5 Denver to Chicago	69
Table I-5-6 New York (JFK) to Miami	70
Table I-5-7 Los Angeles to San Francisco	72
Table I-5-8 New York (La Guardia) to Boston	74
Table I-5-9 Chicago to St. Louis	75
Table I-5-10 San Francisco to Seattle	76
<i>Chapter II. Ground Delays</i>	77
Table II-1 Nominal Ground Times at 20 Airports, Departures; Arrivals	79
<p>Tables and Figures II-2-1 to II-2-20 Departure/Arrival Ground Delays, Monthly Averages, 1974 and 1975, for Busy and Dull Intervals at 20 Airports</p>	
Table and Figure II-2-1 Atlanta	80, 81
Table and Figure II-2-2 Boston	82, 83
Table and Figure II-2-3 Cleveland	84, 85
Table and Figure II-2-4 Washington	86, 87
Table and Figure II-2-5 Denver	88, 89
Table and Figure II-2-6 Dallas/Fort Worth	90, 91
Table and Figure II-2-7 Detroit	92, 93
Table and Figure II-2-8 Newark	94, 95
Table and Figure II-2-9 New York (JFK)	96, 97
Table and Figure II-2-10 Los Angeles	98, 99
Table and Figure II-2-11 New York (La Guardia)	100, 101
Table and Figure II-2-12 Miami	102, 103

TABLE OF CONTENTS (CONTINUED)

	Page
Table and Figure II-2-13 Minneapolis/St. Paul	104, 105
Table and Figure II-2-14 New Orleans	106, 107
Table and Figure II-2-15 Chicago	108, 109
Table and Figure II-2-16 Philadelphia	110, 111
Table and Figure II-2-17 Pittsburgh	112, 113
Table and Figure II-2-18 Seattle	114, 115
Table and Figure II-2-19 San Francisco	116, 117
Table and Figure II-2-20 St. Louis	118, 119
<i>Chapter III Route Segment Delays and Trend Comparisons, Airborne and Ground</i>	120
III-1 Route Segment Times and Delays; Annual Airborne and Ground Averages, 1974 and 1975; All Routes, Top 50	
Table III-1-1 Average Yearly Air and Ground Times and Delay, All Route Segments.....	121
Table III-1-2 Average Yearly Air and Ground Times and Delay, Top 50 Route Segments.....	141
Table and Figure III-2 Average Monthly Airborne Delays Ground Delays Composite for Top 50 Route Segments	144, 145
III-3 Airborne, Ground, Block Delays and Flight Activity, Annual Averages, 1974 and 1975; All Individual Route Segments Arriving at 20 Designated Airports; Atlanta to St. Louis	
Table III-3-1 Atlanta	146
Table III-3-2 Boston	147
Table III-3-3 Cleveland	148
Table III-3-4 Washington	149
Table III-3-5 Denver	150

TABLE OF CONTENTS (CONTINUED)

		Page
Table III-3-6	Dallas/Fort Worth	151
Table III-3-7	Detroit	152
Table III-3-8	Newark	153
Table III-3-9	New York (JFK)	154
Table III-3-10	Los Angeles	155
Table III-3-11	New York (La Guardia)	156
Table III-3-12	Miami	157
Table III-3-13	Minneapolis/St. Paul	158
Table III-3-14	New Orleans	159
Table III-3-15	Chicago	160
Table III-3-16	Philadelphia	161
Table III-3-17	Pittsburgh	162
Table III-3-18	Seattle	163
Table III-3-19	San Francisco	164
Table III-3-20	St. Louis	165
III-4	Airborne Delays and Flight Activity, Monthly Averages, 1974 through 1975; Summaries of All Flights Arriving at 20 Designated Airports; Atlanta to St. Louis	
Table III-4-1	Atlanta	166
Table III-4-2	Boston	167
Table III-4-3	Cleveland	168
Table III-4-4	Washington	169
Table III-4-5	Denver	170
Table III-4-6	Dallas/Fort Worth	171

TABLE OF CONTENTS (CONTINUED)

		Page
Table III-4-7	Detroit	172
Table III-4-8	Newark	173
Table III-4-9	New York (JFK)	174
Table III-4-10	Los Angeles	175
Table III-4-11	New York (La Guardia)	176
Table III-4-12	Miami	177
Table III-4-13	Minneapolis/St. Paul	178
Table III-4-14	New Orleans	179
Table III-4-15	Chicago	180
Table III-4-16	Philadelphia	181
Table III-4-17	Pittsburgh	182
Table III-4-18	Seattle	183
Table III-4-19	San Francisco	184
Table III-4-20	St. Louis	185
III-5	Airborne Delays and Flight Activity, Hourly Distributions, 1974 and 1975, for Flights Arriving at 20 Designated Airports; Atlanta to St. Louis	
Table III-5-1	Atlanta	186
Table III-5-2	Boston	187
Table III-5-3	Cleveland	188
Table III-5-4	Washington	189
Table III-5-5	Denver	190
Table III-5-6	Dallas/Fort Worth	191
Table III-5-7	Detroit	192
Table III-5-8	Newark	193

TABLE OF CONTENTS (CONTINUED)

	Page
Table III-5-9	New York (JFK) 194
Table III-5-10	Los Angeles 195
Table III-5-11	New York (La Guardia) 196
Table III-5-12	Miami 197
Table III-5-13	Minneapolis/St. Paul 198
Table III-5-14	New Orleans 199
Table III-5-15	Chicago 200
Table III-5-16	Philadelphia 201
Table III-5-17	Pittsburgh 202
Table III-5-18	Seattle 203
Table III-5-19	San Francisco 204
Table III-5-20	St. Louis 205

METRIC CONVERSION FACTORS

Approximate Conversions to Metric Measures

Symbol	When You Know	Multiply by	To Find	Symbol
LENGTH				
in	inches	2.5	centimeters	cm
ft	feet	30	centimeters	cm
yd	yards	0.9	meters	m
mi	miles	1.6	kilometers	km
AREA				
in ²	square inches	6.5	square centimeters	cm ²
ft ²	square feet	0.09	square meters	m ²
yd ²	square yards	0.8	square meters	m ²
mi ²	square miles	2.6	square kilometers	km ²
	acres	0.4	hectares	ha
MASS (weight)				
oz	ounces	28	grams	g
lb	pounds	0.45	kilograms	kg
	short tons (2000 lb)	0.9	tonnes	t
VOLUME				
cup	teaspoons	5	milliliters	ml
fl oz	tablespoons	15	milliliters	ml
c	fluid ounces	30	milliliters	ml
pt	cup	0.24	liters	l
qt	pints	0.47	liters	l
gal	quarts	0.95	liters	l
ft ³	gallons	3.8	liters	l
yd ³	cubic feet	0.03	cubic meters	m ³
	cubic yards	0.76	cubic meters	m ³
TEMPERATURE (exact)				
	Fahrenheit temperature	$\frac{5}{9}(\text{Fahr} - 32)$	Celsius temperature	°C

Approximate Conversions from Metric Measures

Symbol	When You Know	Multiply by	To Find	Symbol
LENGTH				
mm	millimeters	0.04	inches	in
cm	centimeters	0.4	inches	in
m	meters	3.3	feet	ft
km	kilometers	1.1	yards	yd
		0.6	miles	mi
AREA				
cm ²	square centimeters	0.16	square inches	in ²
m ²	square meters	1.2	square yards	yd ²
km ²	square kilometers	0.4	square miles	mi ²
ha	hectares (10,000 m ²)	2.5	acres	
MASS (weight)				
g	grams	0.035	ounces	oz
kg	kilograms	2.2	pounds	lb
t	tonnes (1000 kg)	1.1	short tons	
VOLUME				
ml	milliliters	0.03	fluid ounces	fl oz
l	liters	2.1	pints	pt
l	liters	1.06	quarts	qt
m ³	liters	0.26	gallons	gal
m ³	cubic meters	35	cubic feet	ft ³
m ³	cubic meters	1.3	cubic yards	yd ³
TEMPERATURE (exact)				
°C	Celsius temperature	$\frac{9}{5}(\text{Cels} + 32)$	Fahrenheit temperature	

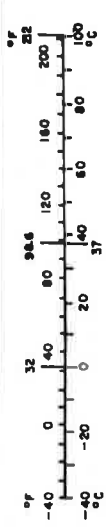
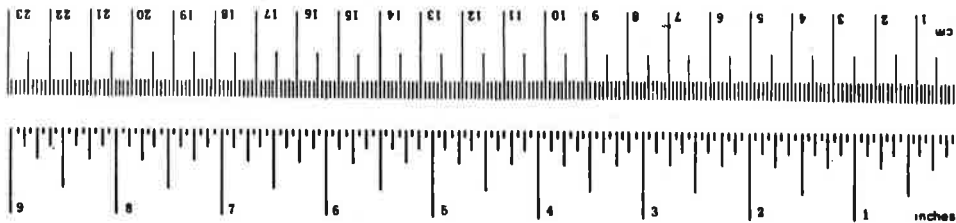


TABLE A MAJOR AIRPORTS AND AIR CARRIERS INCLUDED IN STUDY

<u>AIRPORT CODE</u>	<u>AIRPORT NAME</u>
1. ATL	William B. Hartsfield Atlanta International
2. BOS	Boston - Logan
3. CLE	Cleveland - Hopkins International
4. DFW	Dallas/Fort Worth
5. DCA	Washington National
6. DEN	Denver - Stapleton International
7. DTW	Detroit Metro
8. EWR	Newark (New Jersey)
9. JFK	John F. Kennedy International (New York City)
10. LAX	Los Angeles International
11. LGA	La Guardia (New York City)
12. MIA	Miami International
13. MSP	Minneapolis/St. Paul International
14. MSY	New Orleans International (Moisant)
15. ORD	O'Hare (Chicago)
16. PHL	Philadelphia International
17. PIT	Greater Pittsburgh
18. SEA	Seattle/Tacoma International
19. SFO	San Francisco International
20. STL	Lambert - St. Louis International

<u>AIRLINE CODE</u>	<u>AIRLINE NAME</u>
1. AL	Allegheny Airlines, Inc.
2. AA	American Airlines, Inc.
3. BN	Braniff Airways, Inc.
4. CO	Continental Air Lines, Inc.
5. DL	Delta Air Lines, Inc.
6. EA	Eastern Air Lines, Inc.
7. FL	Frontier Airlines, Inc.
8. RW	Air West, Inc. - (Hughes)
9. MO	Mohawk Airlines, Inc.*
10. NA	National Airlines, Inc.
11. NC	North Central Airlines, Inc.
12. NE	Northeast Airlines, Inc.*
13. NW	Northwest Airlines, Inc.
14. OZ	Ozark Air Lines, Inc.
15. PA	Pan American World Airways, Inc.
16. PI	Piedmont Aviation, Inc.
17. SO	Southern Airways, Inc.
18. TT	Texas International Airways, Inc.
19. TW	Trans World Airlines, Inc.
20. UA	United Air Lines, Inc.
21. WA	Western Air Lines, Inc.

*Mohawk and Northeast Airlines were included in the 1972-1973 study. In 1972, however, Mohawk merged with Allegheny and Northeast merged with Delta. They do not appear within as reporting air carriers, although their route structures were maintained.

TABLE B-50 MOST ACTIVE ROUTE SEGMENTS INCLUDED IN STUDY
 (Ranked in Alphabetical Order)

	<u>FROM</u>	-	<u>TO</u>		<u>FROM</u>	-	<u>TO</u>
1.	ATL	-	DAL	26.	LGA	-	ORD
2.	ATL	-	MIA	27.	MIA	-	ATL
3.	ATL	-	ORD	28.	MIA	-	JFK
4.	BOS	-	DCA	29.	MSP	-	ORD
5.	BOS	-	EWR	30.	ORD	-	ATL
6.	BOS	-	JFK	31.	ORD	-	BOS
7.	BOS	-	LGA	32.	ORD	-	DCA
8.	BOS	-	PHL	33.	ORD	-	DEN
9.	CLE	-	DTW	34.	ORD	-	DTW
10.	DAL	-	ATL	35.	ORD	-	EWR
11.	DCA	-	BOS	36.	ORD	-	LAX
12.	DCA	-	LGA	37.	ORD	-	LGA
13.	DCA	-	ORD	38.	ORD	-	MSP
14.	DEN	-	ORD	39.	ORD	-	PIT
15.	DTW	-	LGA	40.	ORD	-	SFO
16.	DTW	-	ORD	41.	ORD	-	STL
17.	EWR	-	BOS	42.	PHL	-	BOS
18.	EWR	-	ORD	43.	PHL	-	PIT
19.	JFK	-	BOS	44.	PIT	-	ORD
20.	JFK	-	MIA	45.	PIT	-	PHL
21.	LAX	-	ORD	46.	SEA	-	SFO
22.	LAX	-	SFO	47.	SFO	-	LAX
23.	LGA	-	BOS	48.	SFO	-	ORD
24.	LGA	-	DCA	49.	SFO	-	SEA
25.	LGA	-	DTW	50.	STL	-	ORD

CHAPTER I. AIRBORNE DELAYS

Chapter I data are divided into five sections:

- Table I-1 displays the nominal airborne times for both jet and propeller aircraft for all route segments flown between the 20 airports included in the study, listed by departure airport. The inter-airport distance is also given for the routes.

- Section I-2 presents tables and figures illustrating airborne delays by month for 1974 and 1975 for the 10 of the top 50 most active route segments. These delays are shown as averages for "busy" (07:00 through 22:59) and "dull" (23:00 through 06:59) intervals.

- Section I-3 is composed of tables showing the 1974 annual averages of airborne times, delays, and flight activity for the same 10 route segments as shown in Section I-2. These data are categorized by route segment, airline, equipment type, and time interval (busy or dull).

- Section I-4 shows for the year 1975 the same kind of information that Section I-3 shows for 1974. Ten route segments are included.

- Section I-5 compares the annual averages of the airborne delays during 1974 and 1975 for the 10 route segments. These data are also categorized by route segment, airline, and equipment type.

TABLE I-1

NOMINAL ARRIVAL TIMES DEPARTING ATL			NOMINAL DEPARTURE TIMES DEPARTING RNS		
ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME	ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME
ATL RNS	946	1:50	RNS ATL	946	2:06
ATL CLF	554	1:13	RNS CLF	563	1:19
ATI DCA	547	1:07	RNS DCA	599	0:59
ATL DFW	731	1:35	RNS DFW	1766	3:56
ATI DTW	595	1:18	RNS DFW	1561	3:35
ATI EWR	745	1:27	RNS IAH	632	1:29
ATL JFK	760	1:26	RNS FAP	201	0:40
ATL IAX	1906	3:36	RNS JFK	187	0:29
ATI LGA	761	1:31	RNS IAX	2611	5:36
ATI MIA	595	1:15	RNS IGA	185	0:30
ATI MSP	906	1:59	RNS MIA	1258	2:32
ATL MSY	425	0:57	RNS MSP	1124	2:40
ATI ORD	606	1:15	RNS MSY	1367	2:59
ATL PHL	665	1:17	RNS ORD	867	1:48
ATL PIT	526	1:10	RNS PHL	280	0:42
ATI SFO	2139	4:26	RNS PIT	496	1:15
ATL STL	484	1:06	RNS SFA	2496	5:46
			RNS SFO	2704	5:48
			RNS STI	1046	2:24

TABLE I-1 (CONTINUED)

ROUTE SEGMENT		NOMINAL ARRIVAL TIMES DEPARTING CLF		NOMINAL ARRIVAL TIMES DEPARTING DCA		
ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
CLF ATL	554	1:19		547	1:19	2:06
CLF BOS	563	1:04		399	0:53	1:10
CLF DCA	310	0:47		310	0:49	
CLF DEN	1213	2:42		405	1:05	
CLF DFW	1021	2:15		199	0:31	0:36
CLF DTW	95	0:18	0:24	213	0:37	
CLF FWR	404	0:57		214	0:29	0:38
CLF JFK	425	1:00		920	1:59	
CLF LAX	2053	4:27		931	2:05	
CLF LGA	418	0:49		612	1:22	
CLF MIA	1080	2:20		120	0:24	0:27
CLF MSP	622	1:30		205	0:35	
CLF MSY	917	2:17		719	1:39	2:41
CLF ORD	316	0:50				
CLF PHL	363	0:49				
CLF PIT	105	0:15	0:26			
CLF SFO	2161	4:45				
CLF STL	487	1:06				

TABLE I-1 (CONTINUED)

ROUTE SEGMENT	NOMINAL AIRBORNE TIMES		DISTANCE	NOMINAL AIRBORNE TIMES	
	DEPARTING DFW	JET TIME		DEPARTING DEN	PROP TIME
DFW ATL	731	1:27	1766	3:19	
DFW RUS	1561	3:05	1213	2:15	
DFW CLE	1021	2:03	645	1:23	
DFW DEN	645	1:31	1135	2:05	
DFW DTW	987	1:57	1617	2:58	
DFW FWR	1372	2:37	1638	3:07	
DFW JFK	1591	2:36	849	1:50	
DFW LAX	1235	2:27	693	1:21	
DFW LGA	1388	2:41	1067	2:15	
DFW MIA	1121	2:11	901	1:41	
DFW MSP	852	1:53	1569	2:57	
DFW MSY	447	0:51	1302	2:41	
DFW ORD	802	1:33	1019	2:17	
DFW PHL	1302	2:30	956	2:04	
DFW PIT	1067	2:08	781	1:33	
DFW SEA	1660	3:47			
DFW SFO	1465	3:09			
DFW STL	550	1:11			

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES DEPARTING DTW			NOMINAL AIRBORNE TIMES DEPARTING FWR		
ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME	ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME
DTW ATI	595	1:19	FWR ATI	745	1:33
DTW RNS	632	1:17	FWR RNS	201	0:24
DTW CLF	95	0:23	FWR CLF	404	1:06
DTW DCA	405	0:59	FWR DCA	199	0:34
DTW DEN	1135	2:32	FWR DEN	1617	3:30
DTW DFW	987	1:57	FWR DFW	1572	3:07
DTW FWR	488	1:03	FWR DTW	488	1:15
DTW JFK	599	1:03	FWR JFK	21	0:08
DTW LAX	1979	4:09	FWR LAX	2454	5:06
DTW LGA	501	1:04	FWR MIA	1086	2:16
DTW MIA	1145	2:17	FWR MSY	1167	2:34
DTW MSP	528	1:16	FWR ORD	719	1:32
DTW MSY	926	1:55	FWR R0	40	0:21
DTW ORD	235	0:38	FWR PIT	319	0:49
DTW PHL	453	1:01	FWR SFO	2565	5:40
DTW PIT	201	0:33	FWR STI	872	1:55
DTW SFO	2079	4:28			
DTW STL	440	1:09			
					0:27
					1:19

TABLE I-1 (CONTINUED)

ROUTE SEGMENT		NOMINAL AIRBORNE TIMES DEPARTING JFK		NOMINAL AIRBORNE TIMES DEPARTING LAX		
ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
JFK ATL	760	1:32		1946	3:37	
JFK BOS	187	0:21		2611	4:35	
JFK CLF	425	1:07		2053	3:54	
JFK DCA	213	0:40		849	1:40	
JFK DEN	1638	3:37		1235	2:23	
JFK DFW	1391	2:58		1970	3:42	
JFK DTW	509	1:10		2454	4:10	
JFK EWR	21	0:11		2475	4:33	
JFK LAX	2475	5:05		2342	4:18	
JFK MIA	1090	2:14		1536	3:01	
JFK MSP	1028	2:20		1670	3:06	
JFK MSY	1182	2:28		1744	3:14	
JFK ORD	740	1:44		2402	4:27	
JFK PHL	94	0:16		2136	4:03	
JFK PIT	340	0:42	1:23	954	1:58	
JFK SFA	2421	5:23		337	0:46	
JFK SFO	2586	4:49		1592	2:59	
JFK STI	992	2:05				

TABLE I-1 (CONTINUED)

ROUTE SEGMENT		NOMINAL AIRBORNE TIMES DEPARTING LGA		NOMINAL AIRBORNE TIMES DEPARTING MIA		
ROUTE SEGMENT	DISTANCE	NOMINAL JFT TIME	NOMINAL PROP TIME	DISTANCE	NOMINAL JFT TIME	NOMINAL PROP TIME
LGA ATL	761	1:36		595	1:18	
LGA RNS	185	0:26	0:55	1258	2:28	
LGA CLE	418	1:03		1680	2:20	
LGA DCA	214	0:29	0:40	920	1:53	
LGA DFW	1388	3:01		1121	2:34	
LGA DTY	501	1:14		1145	2:27	
LGA MIA	1096	2:20		1086	2:15	
LGA MSP	1020	2:18		1090	2:08	
LGA MSY	1183	2:41		2342	4:35	
LGA ORD	733	1:31		1097	2:15	
LGA PHI	95	0:29		1501	3:20	
LGA PIT	335	0:52	1:19	674	1:28	
LGA STI	888	2:01		1198	2:34	
				1014	2:05	
				1013	2:06	
				2585	5:19	
				1068	2:23	

TABLE I-1 (CONTINUED)

ROUTE SEGMENT	NOMINAL AIRBORNE TIMES DEPARTING MSP			ROUTE SEGMENT	NOMINAL AIRBORNE TIMES DEPARTING MSY		
	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
MSP ATL	906	1:58		MSY ATL	425	0:54	
MSP BOS	1124	2:14		MSY BOS	1567	2:39	
MSP CLE	622	1:18		MSY CLF	917	2:03	
MSP DCA	931	1:52		MSY DEN	1067	2:22	
MSP DEN	693	1:32		MSY DFW	447	1:00	
MSP DFW	852	1:50		MSY DTP	926	2:00	
MSP DTW	528	1:13		MSY FWR	1167	2:09	
MSP JFK	1028	2:02		MSY JFK	1182	2:15	
MSP LAX	1536	3:18		MSY LAX	1670	3:31	
MSP LGA	1020	2:01		MSY LGA	1183	2:13	
MSP MIA	1501	3:15		MSY MIA	674	1:23	
MSP ORD	334	0:43	1:20	MSY ORD	837	1:46	
MSP PHL	981	2:00		MSY PHL	1088	2:19	
MSP SFA	1399	3:04		MSY PIT	918	1:50	
MSP SFO	1589	3:27		MSY SFO	1911	3:56	
MSP STL	448	1:03		MSY STL	604	1:21	

TABLE I-1 (CONTINUED)

ROUTE SEGMENT		NOMINAL AIRBORNE TIMES DEPARTING ORD		NOMINAL AIRBORNE TIMES DEPARTING PHL		
ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
ORD ATL	606	1:08		PHL ATL	665	1:14
ORD BOS	867	1:36		PHL BOS	240	0:36
ORD CLF	316	0:38		PHL CLF	363	0:57
ORD DCA	612	1:13		PHL DCA	120	0:25
ORD DFN	901	1:57		PHL DFN	1569	3:33
ORD DFW	802	1:38		PHL DFW	1302	2:43
ORD DTW	235	0:31		PHL DTW	453	1:10
ORD FWR	719	1:24		PHL FWR	80	0:14
ORD JFK	743	1:27		PHL JFK	93	0:21
ORD LAX	1744	3:34		PHL LAX	2402	5:06
ORD LGA	733	1:26		PHL LGA	95	0:25
ORD MIA	1197	2:23		PHL MIA	1014	2:05
ORD MSP	334	0:51	1:11	PHL MSP	980	2:17
ORD MSY	837	1:47		PHL MSY	1088	2:25
ORD PHL	678	1:21		PHL ORD	678	1:36
ORD PTT	412	0:54	1:31	PHL PTT	268	0:43
ORD SEA	1720	3:43		PHL SFO	2521	5:31
ORD SFO	1846	3:53		PHL STI	814	1:55
ORD STI	258	0:38	1:05			

TABLE I-1 (CONTINUED)

NOMINAL ARRIVAL TIMES DEPARTING PIT		NOMINAL ARRIVAL TIMES DEPARTING SFA					
ROUTE SEGMENT	DISTANCE	NOMINAL JFT TIME	NOMINAL PROP TIME	ROUTE SEGMENT	DISTANCE	NOMINAL JFT TIME	NOMINAL PROP TIME
PIT ATL	526	1:09		SFA HUS	2496	4:57	
PIT RUS	496	1:09	1:51	SFA DFN	1019	2:02	
PIT CLF	105	0:15	0:32	SFA OFK	1660	3:18	
PIT DCA	205	0:33		SFA JFK	2421	4:31	
PIT DEN	1302	2:54		SFA LAX	954	1:54	
PIT DFW	1067	2:18		SFA MSP	1599	2:42	
PIT DTW	201	0:35		SFA ORD	1720	3:14	
PIT EWR	319	0:49	1:17	SFA SFO	676	1:23	
PIT IFK	340	0:46	1:24	SFA STI	1709	3:11	
PIT LAX	2136	4:36					
PIT LGA	335	0:46	1:09				
PIT MIA	1013	2:00					
PIT MSY	918	1:59					
PIT ORD	412	1:04	1:43				
PIT PHL	268	0:33	1:00				
PIT SFO	2253	4:53					
PIT STI	553	1:22	1:59				

TABLE I-1 (CONTINUED)

ROUTE SEGMENT		NOMINAL AIRBORNE TIMES DEPARTING SFO		NOMINAL AIRBORNE TIMES DEPARTING STL		
ROUTE SEGMENT	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME	DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
SFO ATL	2139	4:00		484	1:04	
SFO RJS	2704	4:58		1046	1:58	
SFO CLF	2161	4:11		487	0:56	
SFO DEN	956	1:49		719	1:28	2:12
SFO DFW	1465	2:43		781	1:48	
SFO DTW	2079	3:51		550	1:15	
SFO FAR	2565	4:45		440	0:55	
SFO JFK	2586	4:30		872	1:44	
SFO LAX	337	0:46		892	1:49	
SFO MIA	2585	4:56		1592	3:20	
SFO MSP	1589	2:56		888	1:50	
SFO MSY	1911	3:39		1068	2:13	
SFO ORD	1806	3:25		448	1:05	
SFO PHL	2521	4:42		604	1:24	
SFO PIT	2253	4:22		258	0:38	1:08
SFO SEA	678	1:24		813	1:37	
SFO STL	1736	3:15		553	1:08	2:03
				1709	3:40	
				1736	3:45	

TABLE I-2-1

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT ATL ==> DEN

	-----1974-----		-----1975-----		-----TOTAL-----	
	---BUSY--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---DULL--- DELAY
JAN	223	0:16	214	0:13	214	0:13
FEB	216	0:12	319	0:16	542	0:16
MAR	208	0:13	302	0:19	518	0:16
APR	335	0:05	299	0:15	507	0:14
MAY	299	0:04	360	0:08	695	0:06
JUN	302	0:00	329	0:05	628	0:04
JUL	338	0:04	336	0:03	638	0:01
AUG	194	0:08	367	0:02	705	0:03
SEP	130	0:04	243	0:04	437	0:06
OCT	347	0:11	217	0:05	347	0:05
NOV	219	0:13	350	0:11	697	0:11
DEC	2811	0:08	223	0:10	442	0:11
TOTAL	2811	0:08	3559	0:09	6370	0:08

NOMINAL AIRBORNE TIME = 1135

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-1
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT ATL TO DFW

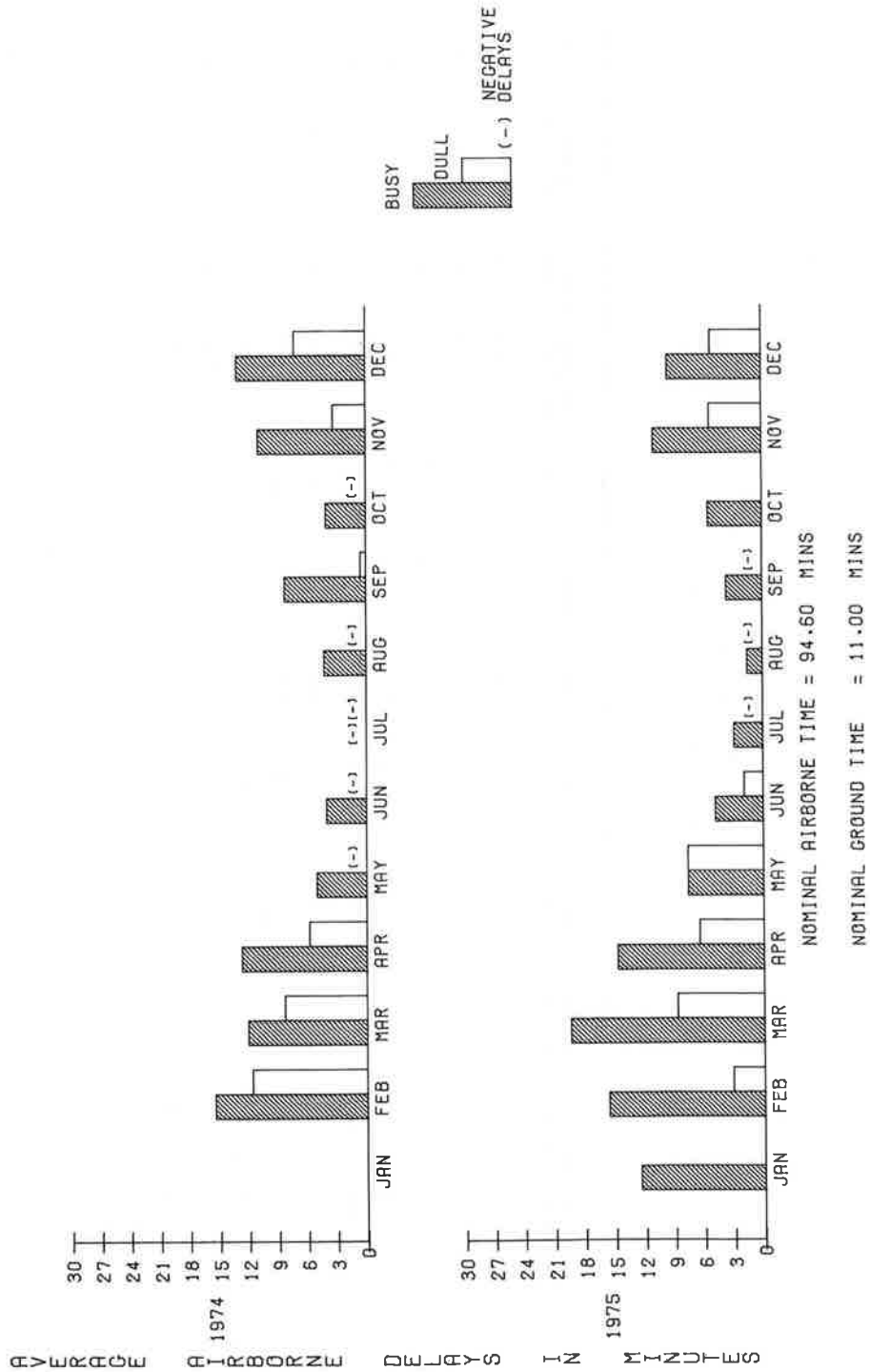


TABLE I-2-2

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT BOS ==> PHI.

	-----1974-----		-----1975-----		-----T O T A L-----	
	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY
JAN	260 0:17		611 0:16		871 0:17	
FEB	451 0:18	27 0:13	575 0:17	19 0:13	1026 0:17	46 0:13
MAR	306 0:15		404 0:14	21 0:12	710 0:14	21 0:12
APR	298 0:13		404 0:12	20 0:10	702 0:12	20 0:10
MAY	586 0:15		582 0:11	21 0:07	1168 0:13	21 0:07
JUN	590 0:14		475 0:11	21 0:09	1065 0:13	21 0:09
JUL	606 0:13		492 0:11	21 0:06	1098 0:12	21 0:06
AUG	793 0:15		514 0:11		1307 0:13	
SEP	730 0:15		480 0:13		1210 0:15	
OCT	751 0:13		475 0:12		1226 0:13	
NOV	724 0:14		500 0:12	22 0:09	1224 0:13	22 0:09
DEC	686 0:14		351 0:14	1 0:15	1037 0:14	1 0:15
TOTAL	6781 0:15	27 0:13	5863 0:13	146 0:10	12644 0:14	173 0:10

NOMINAL AIRBORNE TIME = 0:42

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-2
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT BOS TO PHL

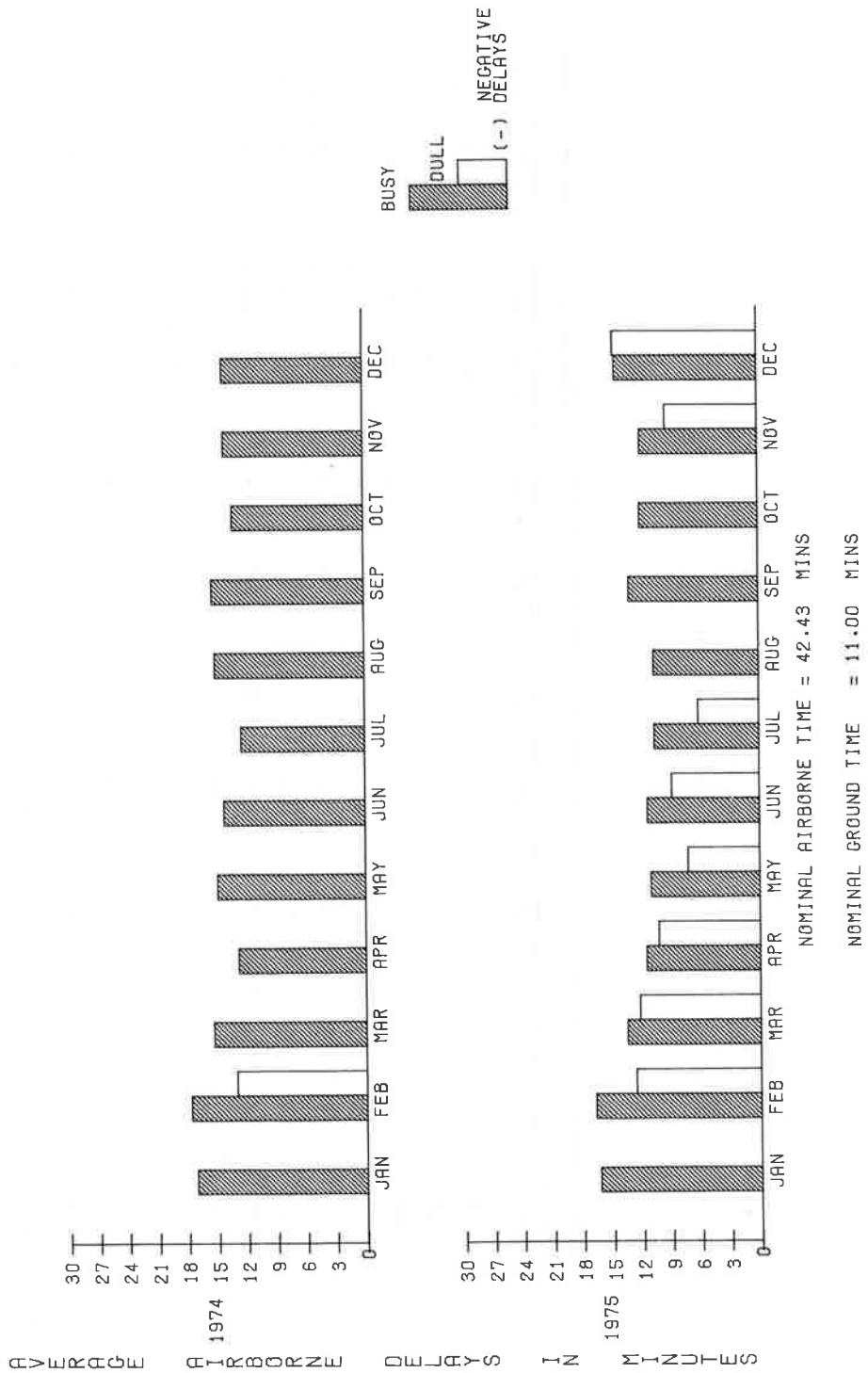


TABLE I-2-3

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT CLE ==> DTW

	-----1974-----		-----1975-----		-----T O T A L-----	
	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY
JAN	38 0:04		299 0:04	50 0:06	337 0:04	50 0:06
FEB	266 0:05	41 0:06	260 0:04	47 0:06	526 0:05	88 0:06
MAR	270 0:05	48 0:07	263 0:04	50 0:06	533 0:04	98 0:06
APR	268 0:04	46 0:05	263 0:04	51 0:07	531 0:04	97 0:06
MAY	273 0:04	27 0:05	332 0:04	52 0:05	605 0:04	79 0:05
JUN	240 0:04	25 0:05	281 0:05	45 0:06	521 0:04	70 0:06
JUL	247 0:03	26 0:04	283 0:04	48 0:05	530 0:05	74 0:04
AUG	296 0:04	49 0:04	301 0:05	40 0:05	597 0:04	89 0:05
SEP	266 0:05	44 0:05	249 0:04	26 0:06	515 0:05	70 0:05
OCT	280 0:04	50 0:05	256 0:04		536 0:04	50 0:05
NOV	58 0:03	20 0:05	283 0:05	23 0:08	341 0:05	43 0:06
DEC	43 0:04	17 0:06	279 0:06	25 0:08	322 0:06	42 0:07
TOTAL	2545 0:04	393 0:05	3349 0:04	457 0:06	5894 0:04	850 0:06

NOMINAL AIRBORNE TIME = 0:21

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-3

AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT CLE TO DTW

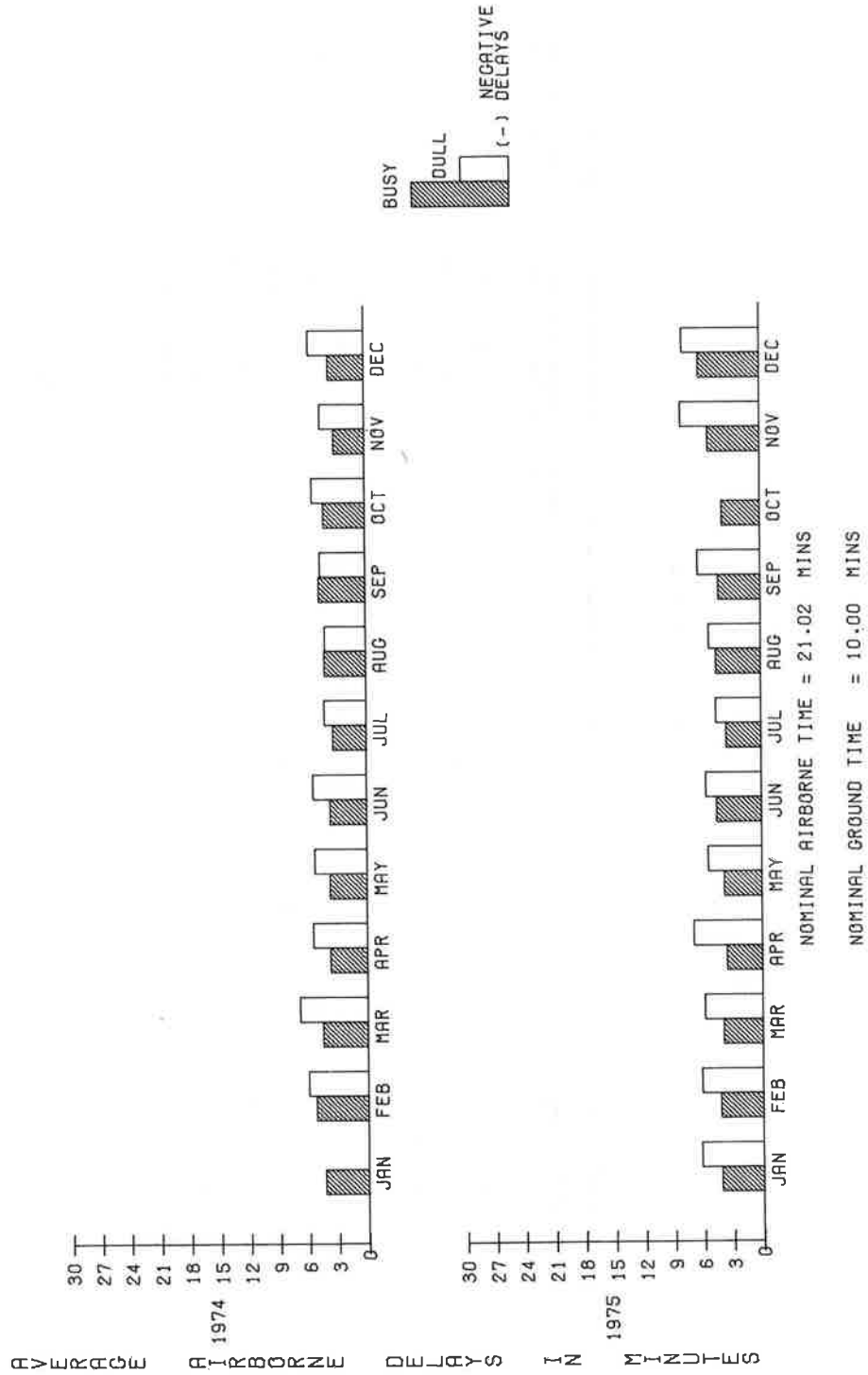


TABLE I-2-4

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT DCA => ORD

	-----1974-----		-----1975-----		-----T O T A L-----	
	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY
JAN	258 0:23		754 0:27		992 0:26	
FEB	523 0:24		623 0:26		1146 0:25	
MAR	626 0:24		715 0:20		1341 0:22	
APR	611 0:18		655 0:24		1266 0:22	
MAY	238 0:20		740 0:13		978 0:15	
JUN	214 0:16		624 0:15		838 0:16	
JUL	205 0:14		657 0:11		862 0:12	
AUG	743 0:20		770 0:12		1513 0:16	
SEP	691 0:24		658 0:14		1349 0:21	
OCT	714 0:26		655 0:21		1369 0:24	
NOV	723 0:20		660 0:23		1403 0:21	
DEC	705 0:23		573 0:22		1278 0:22	
TOTAL	6251 0:22		8084 0:19		14335 0:20	

NOMINAL AIRBORNE TIME = 1:22

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-4
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT DCA TO ORD

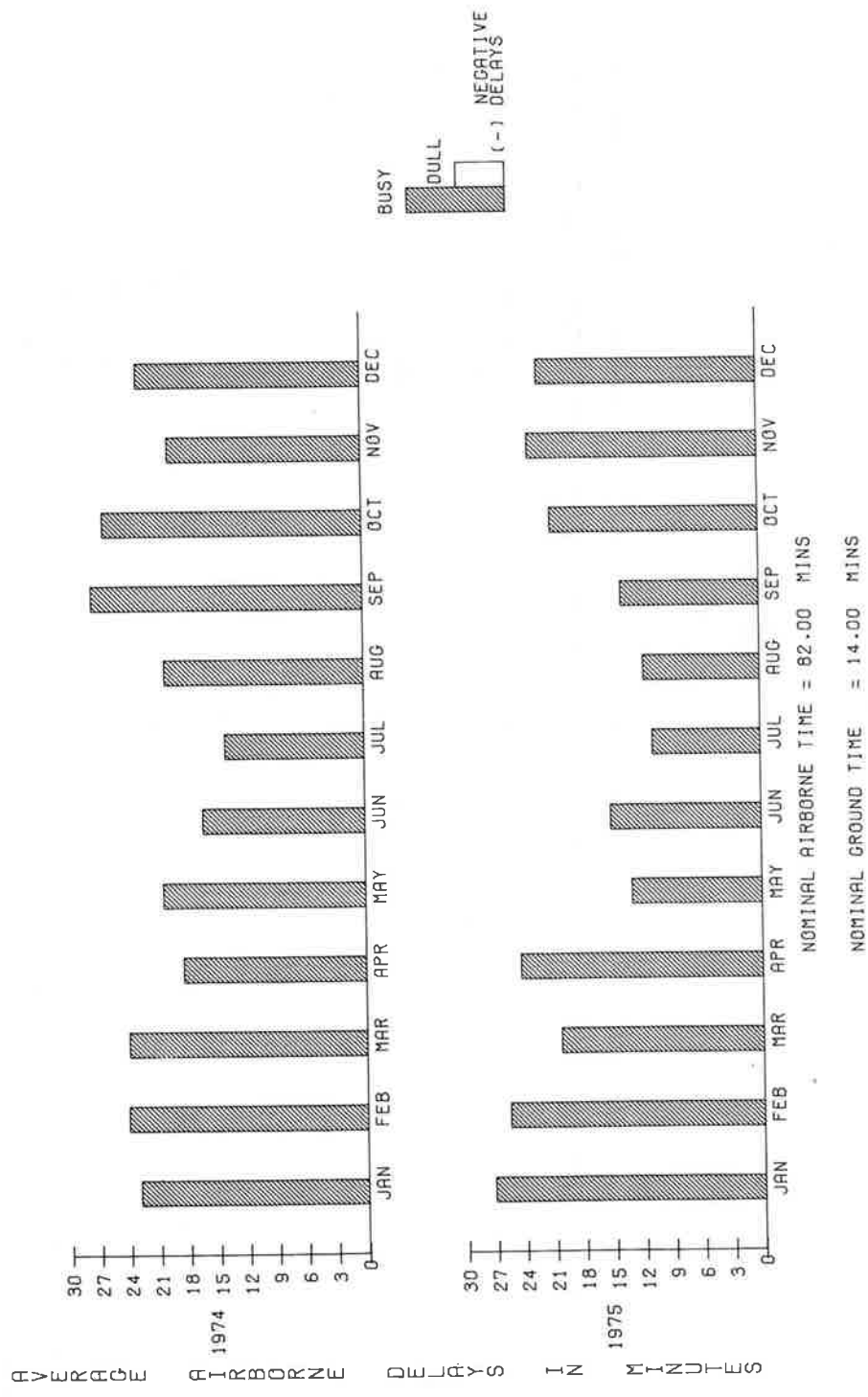


TABLE I-2-5

ATPORN DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT DEN ==> ORD

	-----1974-----		-----1975-----		-----1976-----		-----1977-----	
	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY
JAN	108 0:104		448 0:113		556 0:111			
FEB	411 0:113	23 0:103	410 0:114	2 0:106	830 0:113	25 0:104		
MAR	435 0:109	27 0:102	476 0:110	7 0:106	411 0:109	34 0:103		
APR	413 0:111	21 0:102	395 0:111	1 0:105	808 0:111	22 0:102		
MAY	124 0:110	21 0:102	484 0:111		608 0:110	21 0:102		
JUN	118 0:114	1 0:100	357 0:112		475 0:112	1 0:100		
JUL	123 0:112		380 0:114		503 0:113			
AUG	485 0:119		533 0:112		1018 0:115			
SEP	454 0:121		460 0:111		914 0:116			
OCT	450 0:123		466 0:114		916 0:119			
NOV	439 0:116		441 0:118		880 0:117			
DEC	440 0:116		357 0:115		797 0:116			
TOTAL	4000 0:115	43 0:102	5216 0:113	10 0:105	9214 0:114	103 0:105		
NOMINAL ATPORN TIME = 1:01								

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-5
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT DEN TO ORD

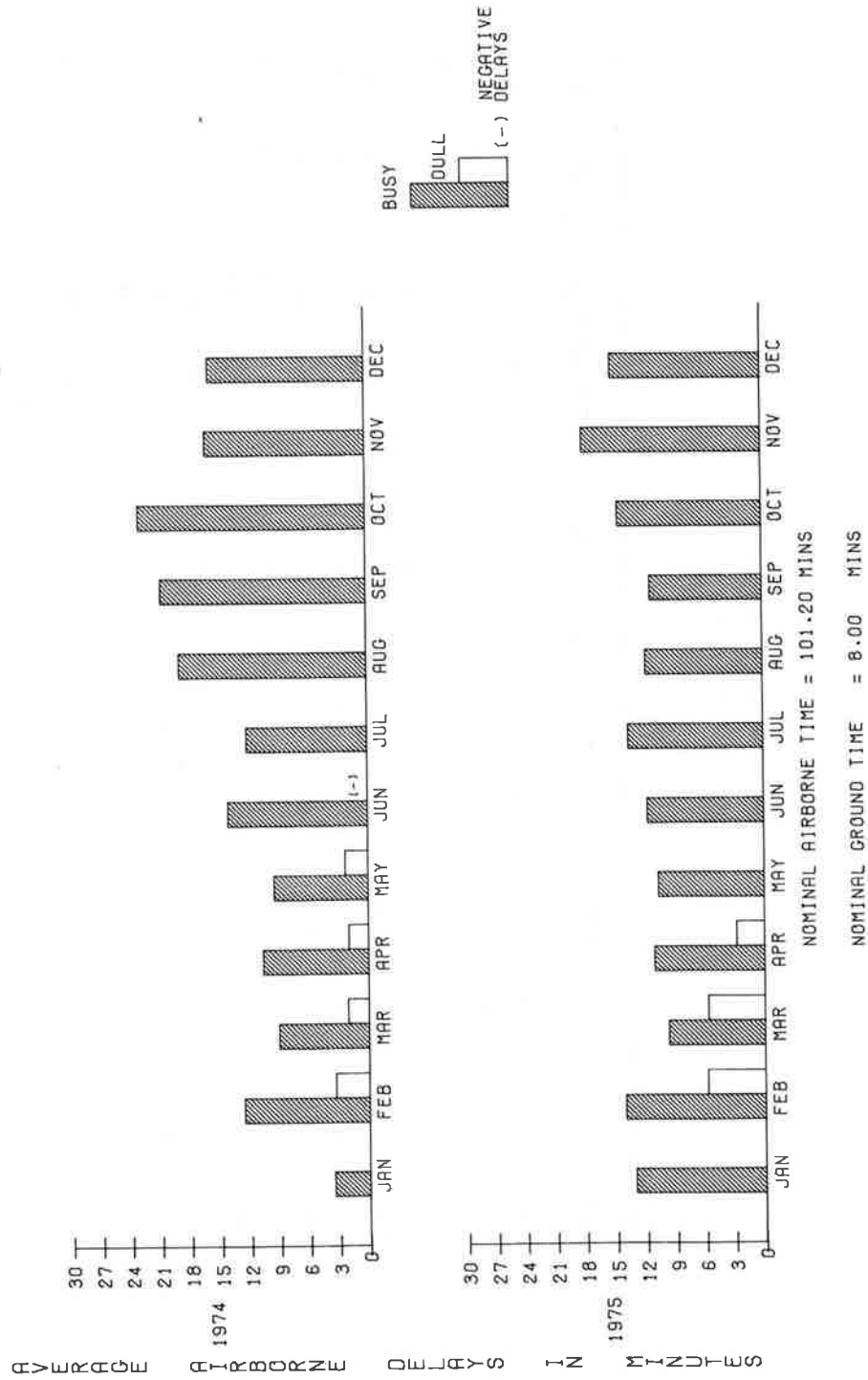


TABLE I-2-6

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT JFK => MTA

	-----1974-----		-----1975-----		-----T O T A L-----	
	---BUSY--- #FLIGHTS	---DULL--- #FLIGHTS	---BUSY--- #FLIGHTS	---DULL--- #FLIGHTS	---BUSY--- #FLIGHTS	---DULL--- #FLIGHTS
JAN	228	57	263	30	491	67
FEB	235	28	254	31	489	59
MAR	267	31	289	35	556	66
APR	246	30	268	35	510	65
MAY	264	32	264	35	528	67
JUN	257	30	247	30	504	64
JUL	237	15	264	35	501	50
AUG	216		259	33	475	33
SEP	203		165	5	368	5
OCT	211		148	3	359	3
NOV	198		203		401	
DEC	211		210		425	
TOTAL	2773	203	2838	276	5611	479

NOMINAL AIRBORNE TIME = 2:10

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-6
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT JFK TO MIA

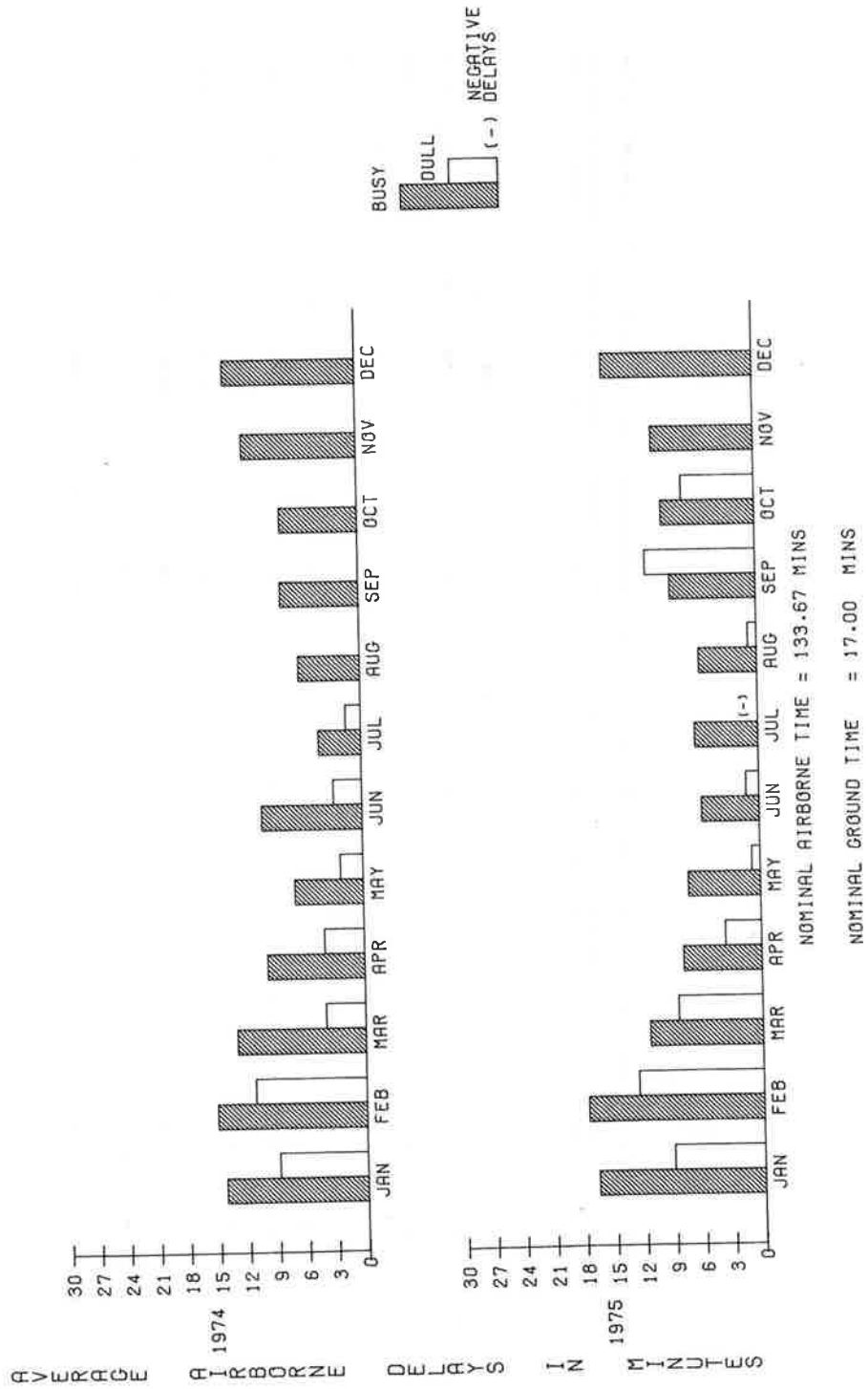


TABLE I-2-7

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT LAX ==> SFO

	1974		1975		TOTAL	
	BUSY #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS
JAN	40	0:10	6	0:13	1088	0:08
FEB	988	0:07	128	0:05	1004	0:09
MAR	1000	0:07	118	0:05	1080	0:10
APR	940	0:07	99	0:04	1030	0:07
MAY	280	0:05	23	0:03	1140	0:05
JUN	269	0:05	26	0:03	1062	0:05
JUL	267	0:04	25	0:03	1092	0:04
AUG	1305	0:05	213	0:02	1209	0:04
SEP	1165	0:04	147	0:01	1014	0:03
OCT	1179	0:04	134	0:02	973	0:06
NOV	745	0:04	103	0:04	1090	0:07
DEC	760	0:04	99	0:06	815	0:08
TOTAL	8938	0:06	1125	0:03	12595	0:06

NOMINAL AIRBORNE TIME = 0:46

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-7
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT LAX TO SFO

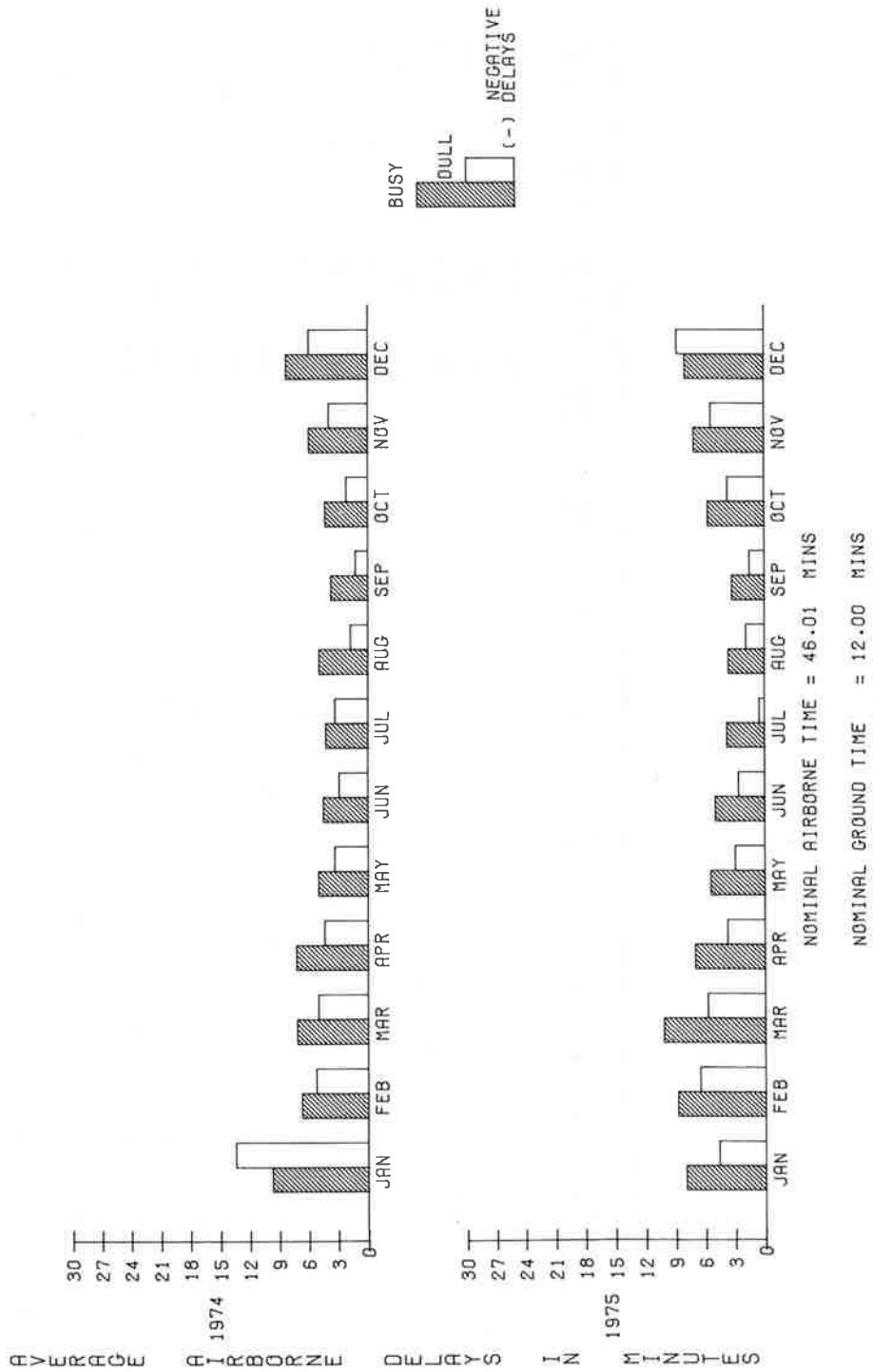


TABLE I-2-8

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT LGA ==> RMS

	-----1974-----		-----1975-----		-----T O T A L-----	
	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY
JAN	773 0:06		847 0:06		1620 0:06	
FEB	808 0:08	28 0:04	780 0:06		1628 0:07	28 0:04
MAR	991 0:06	31 0:05	873 0:06		1864 0:06	31 0:05
APR	1004 0:06	30 0:03	928 0:07		1932 0:06	30 0:03
MAY	974 0:06	31 0:02	955 0:07		1929 0:06	31 0:02
JUN	884 0:07	30 0:02	796 0:08		1680 0:07	30 0:02
JUL	786 0:07		755 0:09		1521 0:08	
AUG	954 0:08	31 -0:01	925 0:08		1879 0:08	31 -0:01
SEP	806 0:07	30 -0:01	904 0:07		1710 0:07	30 -0:01
OCT	845 0:06		950 0:07		1795 0:06	
NOV	873 0:07		993 0:08		1866 0:07	
DEC	837 0:07		846 0:09		1683 0:08	
TOTAL	10575 0:07	211 0:02	10532 0:07		21107 0:07	211 0:02

NOMINAL AIRBORNE TIME = 0:29

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-8
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT LGA TO BOS

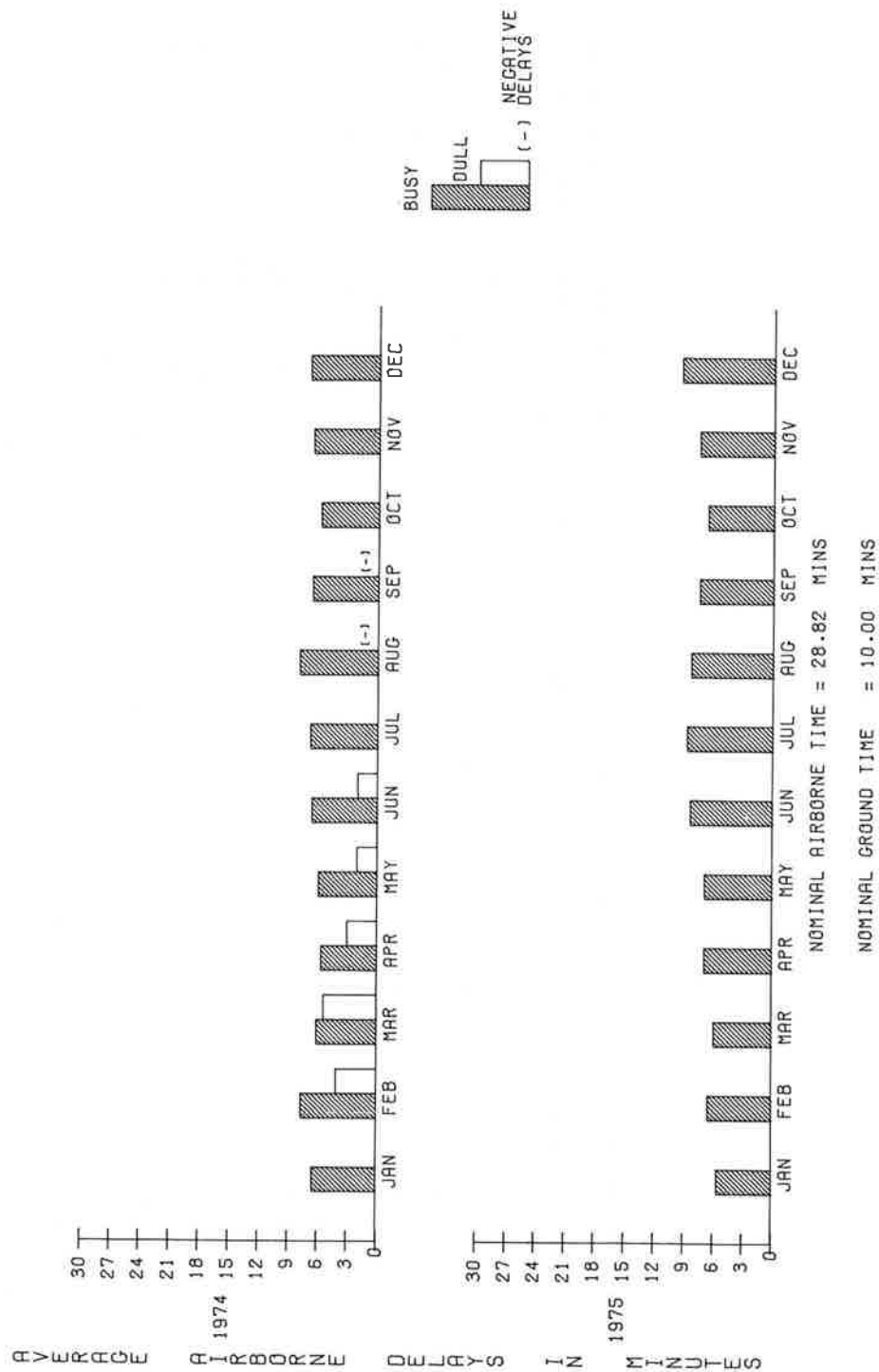


TABLE I-2-9

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT ORD => STI

	-----1974-----		-----1975-----		-----Y O U R A L-----	
	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY	---BUSY--- #FLIGHTS DELAY	---DULL--- #FLIGHTS DELAY
JAN	272 0:10R	25 -0:10Z	477 0:10Z	26 0:10Z	749 0:10Z	51 0:10Z
FEB	32R 0:10S	2R -0:10Z	479 0:10R	17 0:10Z	807 0:10Z	45 0:10R
MAR	307 0:10Z	26 -0:10Z	534 0:10Z		841 0:10Z	26 -0:10Z
APR	270 0:10Z	26 -0:10S	474 0:10Z		748 0:10Z	26 -0:10S
MAY	502 0:10S	58 0:10Z	554 0:10Z		1056 0:10S	50 0:10Z
JUN	425 0:10Z	49 0:10R	477 0:10Z		902 0:10Z	49 0:10R
JUL	412 0:10Z	27 0:10Z	437 0:10S		849 0:10Z	27 0:10R
AUG	599 0:10Z	26 0:10Z	542 0:10Z		1181 0:10Z	26 0:10Z
SEP	523 0:10Z	25 0:10Z	483 0:10Z		1006 0:10Z	25 0:10Z
OCT	530 0:10Z	26 0:10S	462 0:10Z		992 0:10S	26 0:10Z
NOV	424 0:10S		536 0:110		960 0:10R	
DEC	356 0:10S		503 0:10R		859 0:10R	
TOTAL	494R 0:10S	30R 0:10R	599R 0:10Z	43 0:10Z	1004R 0:10Z	351 0:10Z

NOMINAL AIRBORNE TIME = 0:39

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-9
 AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT ORD TO STL

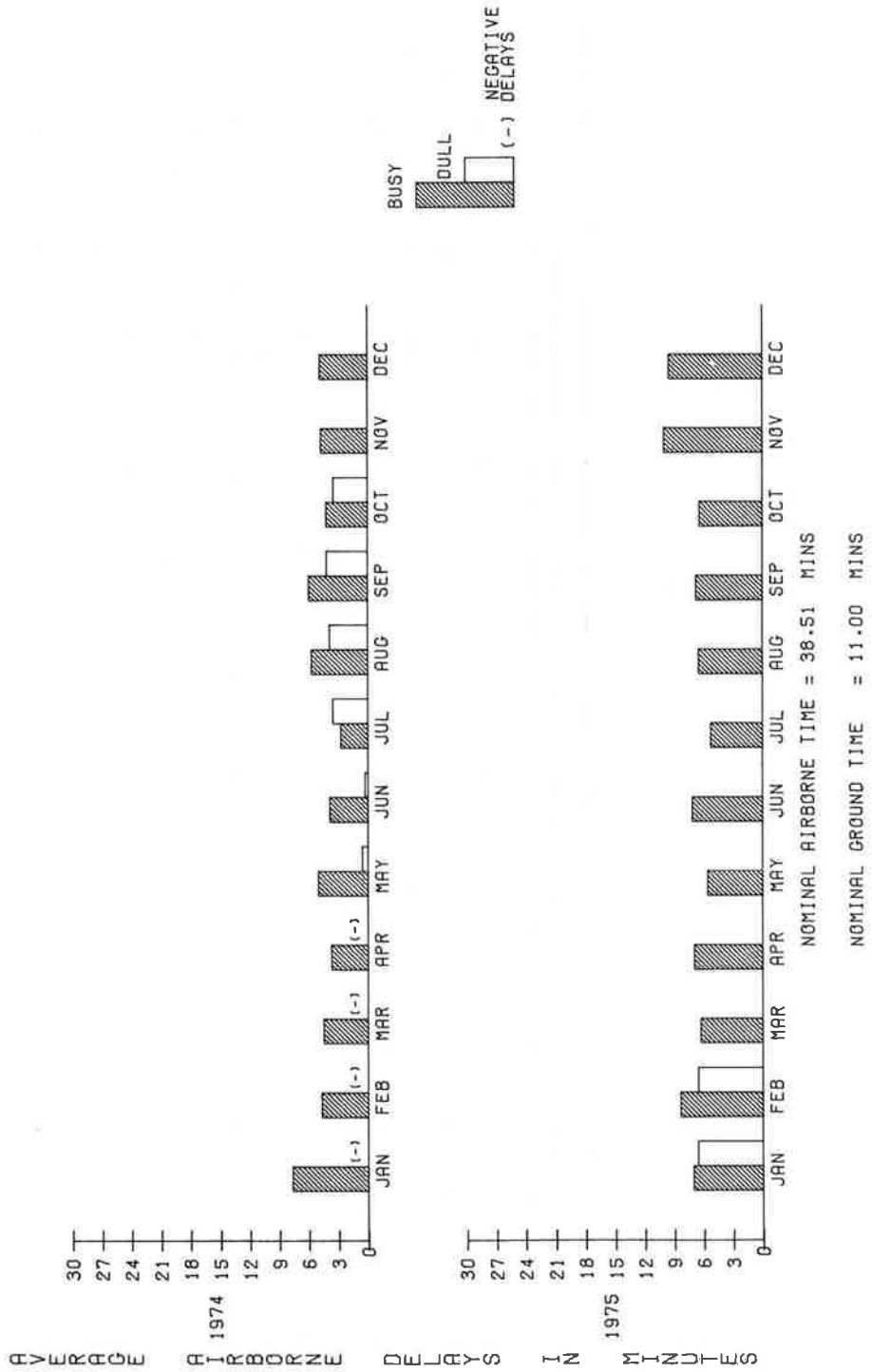


TABLE I-2-10

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR RUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT SF0 ==> SEA

	-----1970-----		-----1975-----		-----T O T A L-----	
	RUSY- #FLIGHTS	DELAY	RUSY- #FLIGHTS	DELAY	RUSY- #FLIGHTS	DULL- #FLIGHTS
JAN			364	0:12	364	29
FEB	353	0:10	335	0:08	688	70
MAR	392	0:08	369	0:10	761	79
APR	378	0:09	343	0:08	721	79
MAY	4	0:04	419	0:09	423	56
JUN	13	0:01	597	0:07	610	56
JUL	26	0:01	394	0:01	420	57
AUG	472	0:04	488	0:04	960	87
SEP	436	0:04	416	0:04	852	85
OCT	419	0:07	417	0:08	836	87
NOV	230	0:09	415	0:10	645	52
DEC	245	0:11	274	0:13	517	40
TOTAL	2966	0:07	4631	0:08	7597	777

NOMINAL AIRBORNE TIME = 1124

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-2-10

AIRBORNE DELAYS BY MAJOR ROUTE SEGMENT
 MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS
 ROUTE SEGMENT SFO TO SEA

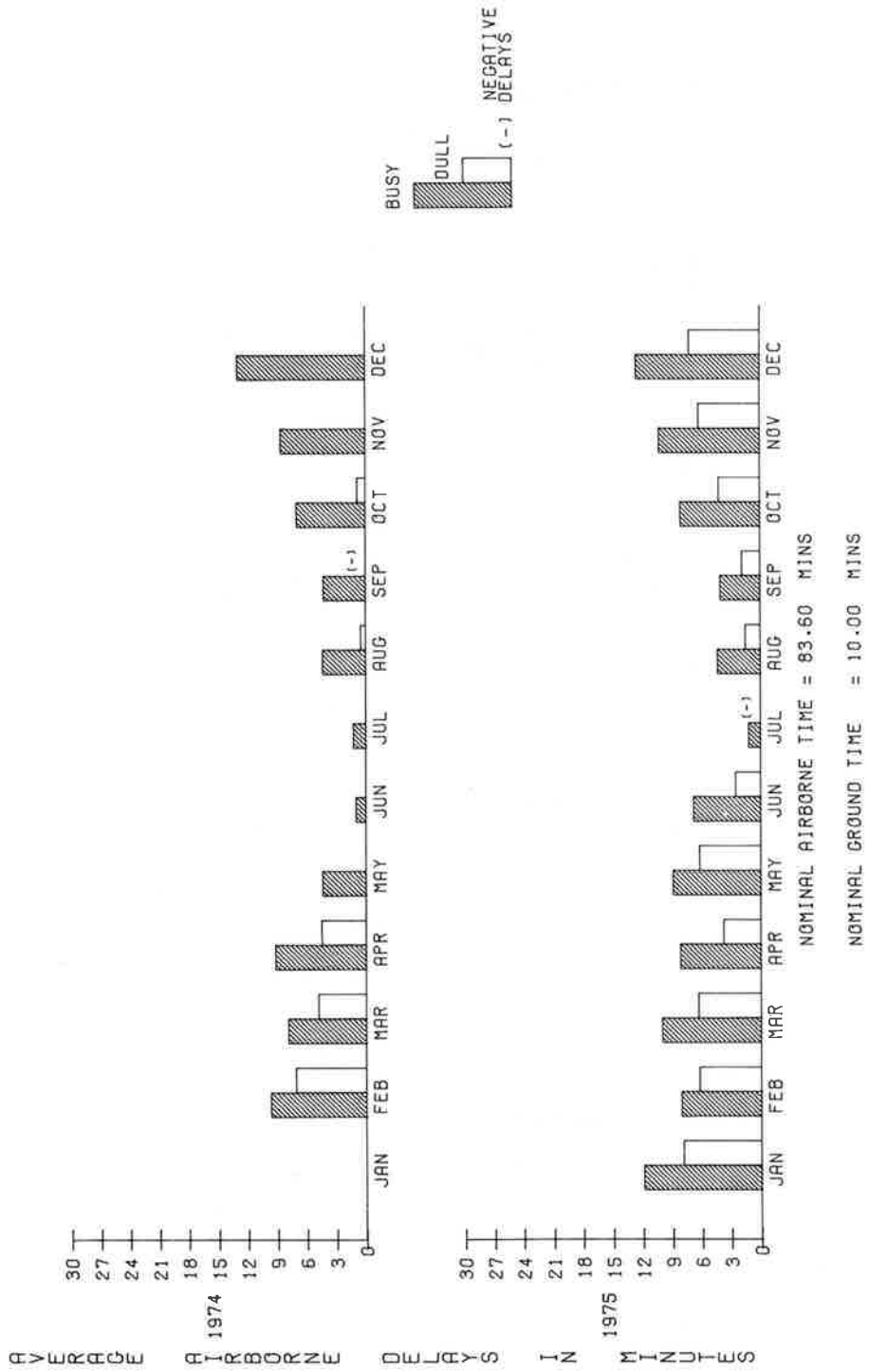


TABLE I-3-1

ALPHABETICALLY BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL ==> OPM
STAGE LENGTH = 731 ST. MILES

APIRTNF	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DELAY			DELAY	
DL	640 DC-9-30	2	1:54	0:19	3	1:40	0:05
	710 R-727-200				1	1:41	0:06
	715 R-727-200				302	1:36	0:01
	760 I-1011						
	A16 R-747	342	1:45	0:11			
	R08 DC-8-50	561	1:39	0:04			
	851 DC-8-61	784	1:43	0:08	1	1:39	0:04
		145	1:44	0:11			
	TOTAL	1834	1:42	0:08	307	1:36	0:01
FA	A30 DC-9-10	114	1:42	0:08			
	640 DC-9-30	397	1:48	0:13			
	710 R-727-100	154	1:38	0:03	87	1:46	0:11
	711 R-727-100C/DJ	153	1:39	0:04	2	1:38	0:04
	715 R-727-200	155	1:39	0:04			
	TOTAL	977	1:43	0:08	89	1:45	0:11
ROUTE SUMMARY		2811	1:42	0:08	396	1:38	0:03

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-2

APPROXIMATE DELAYS DURING 1970
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ROS ==> PHL
STAGE LENGTH = 280 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)----- #FLIGHTS AVG AIR TIME DELAY	-----IDLE (2300-0650)----- #FLIGHTS AVG AIR TIME DELAY	NOMINAL TIME (DATE)
AA	710 R-727-100	1 1:00 0:11		0:42 (7210)
	715 R-727-200	75 0:55 0:12		0:42 (7210)
	730 DC-10-10	121 0:55 0:12		0:42 (7210)
	802 R-707-100R	130 0:55 0:13		0:42 (7210)
	808 R-707-300R	32 0:54 0:11		0:42 (7210)
	809 R-707-300C	70 0:55 0:13		0:42 (7210)
	TOTAL	429 0:55 0:13		
AI	430 CV-580	23 1:15 -0:09		1:24 (7204)
	605 R-1-11-200	142R 1:00 0:17		0:42 (7210)
	640 DC-9-30	2241 0:57 0:14		0:42 (7210)
	TOTAL	4092 0:58 0:15		
DL	640 DC-9-30	902 0:57 0:15		0:42 (7210)
	715 R-727-200	1037 0:54 0:12	27 0:55 0:13	0:42 (7210)
	TOTAL	1939 0:56 0:13	27 0:55 0:13	
FA	710 R-727-100	104 0:57 0:15		0:42 (7210)
	711 R-727-100C/DC	61 0:57 0:14		0:42 (7210)
	715 R-727-200	14 0:55 0:13		0:42 (7210)
	TOTAL	179 0:57 0:14		
PA	808 R-707-300R	101 1:00 0:17		0:42 (7210)
	809 R-707-300C	41 0:58 0:16		0:42 (7210)
	TOTAL	142 0:59 0:17		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-3-2 (CONTINUED)

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE, SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ROS ==> PHL (CONTINUED)
STAGE LENGTH = 280 ST. MILES

ROUTE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME (DATF)
		#FLIGHTS	AVG AIR TIME DELAY	#FLIGHTS	AVG AIR TIME DELAY	
ROUTE SUMMARY		6781	0:57	27	0:55	0:13

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-3

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT CLE => DTW
STAGE LENGTH = 95 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DELAY		DFLAY	
AL	605 R-1-11-200	26	0:25	0:08		0:18 (7202)
	TOTAL	26	0:25	0:08		
DL	640 DC-8-30	337	0:20	0:02		0:18 (7202)
	TOTAL	337	0:20	0:02		
FA	710 R-727-100	34	0:24	0:07		0:18 (7202)
	711 R-727-100C/DC	8	0:25	0:08		0:18 (7202)
	TOTAL	42	0:24	0:07		
NC	430 CV-580	1409	0:28	0:04		0:24 (7209)
	640 DC-9-30	542	0:24	0:06		0:18 (7202)
	TOTAL	1951	0:27	0:10		
NW	710 R-727-100	102	0:23	0:06	197	0:23
	715 R-727-200	87	0:24	0:06	34	0:23
	TOTAL	189	0:23	0:06	231	0:23
UA	850 DC-8-50F				162	0:22
	TOTAL				162	0:22

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-3 (CONTINUED)

AIRBORNE DELAYS DURING 1974
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT CLF ==> DTW (CONTINUED)
 STAGE LENGTH = 95 ST. MILFS

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DELAY		DELAY	
		2545	0:25	393	0:23	0:05

ROUTE SUMMARY

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-4

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA => ORD
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	2005	1:45	0:23			1:22 (7207)	
	715 R-727-200	1039	1:43	0:21			1:22 (7207)	
	TOTAL	3044	1:44	0:22				
TM	710 R-727-100	340	1:39	0:17			1:22 (7207)	
	711 R-727-100C/DC	105	1:39	0:17			1:22 (7207)	
	715 R-727-200	974	1:45	0:23			1:22 (7207)	
	TOTAL	1423	1:43	0:21				
UA	620 R-737-200	213	1:44	0:22			1:22 (7207)	
	710 R-727-100	422	1:47	0:25			1:22 (7207)	
	711 R-727-100C/DC	162	1:41	0:19			1:22 (7207)	
	715 R-727-200	987	1:45	0:23			1:22 (7207)	
TOTAL	1784	1:45	0:23					
ROUTE SUMMARY		6251	1:44	0:22				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-5

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DEN ==> ORD
STAGE LENGTH = 900 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
CA	715 R-727-200	720	1:55	0:14	8	1:48	0:07	1:41 (7212)
	730 DC-10-10	689	1:54	0:13	85	1:43	0:02	1:41 (7212)
	814 R-720-000R	26	1:55	0:14				1:41 (7212)
	TOTAL	1435	1:55	0:13	93	1:44	0:02	
TW	710 R-727-100	154	1:55	0:14				1:41 (7212)
	711 R-727-100C/DC	43	1:54	0:13				1:41 (7212)
	715 R-727-200	000	2:01	0:19				1:41 (7212)
	802 R-707-100R	342	1:57	0:16				1:41 (7212)
	806 R-707-300	22	1:51	0:10				1:41 (7212)
	808 R-707-300R	52	1:57	0:16				1:41 (7212)
	809 R-707-300C	4	1:58	0:17				1:41 (7212)
825 CV-880	167	1:50	0:09				1:41 (7212)	
TOTAL		1184	1:57	0:16				
UA	620 R-737-200	5	2:09	0:27				1:41 (7212)
	710 R-727-100	346	1:58	0:16				1:41 (7212)
	711 R-727-100C/DC	41	1:55	0:14				1:41 (7212)
	715 R-727-200	39	1:54	0:13				1:41 (7212)
	730 DC-10-10	590	2:00	0:19				1:41 (7212)
	816 R-747	27	2:00	0:19				1:41 (7212)
	842 DC-8-20	78	1:56	0:15				1:41 (7212)
	844 DC-8-30	11	2:01	0:20				1:41 (7212)
	848 DC-8-50	36	1:55	0:14				1:41 (7212)
	851 DC-8-61	174	1:58	0:17				1:41 (7212)
854 DC-8-62	34	1:50	0:09				1:41 (7212)	
TOTAL		1381	1:58	0:17				
ROUTE SUMMARY		4000	1:57	0:15	93	1:44	0:02	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-6

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK => MIA
STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
BN	848 DC-8-50	16	2:32	0:18				2:14 (7209)
	854 DC-8-62	281	2:29	0:15				2:14 (7209)
	TOTAL	297	2:29	0:16				
DL	715 R-727-200	415	2:16	0:03				2:14 (7209)
	730 DC-10-10	106	2:30	0:17				2:14 (7209)
	760 L-1011	3	2:27	0:14				2:14 (7209)
	848 DC-8-50	156	2:25	0:11				2:14 (7209)
	851 DC-8-61	5	2:38	0:25				2:14 (7209)
TOTAL	685	2:21	0:07					
EA	640 DC-9-30	9	2:38	0:24	6	2:43	0:29	2:14 (7209)
	710 R-727-100	184	2:25	0:12				2:14 (7209)
	711 R-727-100C/QC	450	2:23	0:09				2:14 (7209)
	715 R-727-200	298	2:25	0:11	2	2:23	0:10	2:14 (7209)
	760 L-1011	483	2:23	0:09				2:14 (7209)
TOTAL	1424	2:24	0:10	8	2:38	0:24		
NA	710 R-727-100	7	2:21	0:07	1	2:09	0:05	2:14 (7209)
	715 R-727-200	8	2:25	0:11	192	2:18	0:04	2:14 (7209)
	730 DC-10-10	87	2:22	0:08				2:14 (7209)
	732 DC-10-30	51	2:23	0:09				2:14 (7209)
	816 R-747	97	2:25	0:12	1	2:33	0:19	2:14 (7209)
	842 DC-8-20	55	2:27	0:13	1	2:32	0:18	2:14 (7209)
	850 DC-8-50F	18	2:33	0:19				2:14 (7209)
	851 DC-8-61	18	2:27	0:14				2:14 (7209)
TOTAL	341	2:25	0:11	195	2:18	0:04		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-6 (CONTINUED)

AIRBORNE DELAYS DURING 1974
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE
 SEGMENT JFK => MIA (CONTINUED)
 STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DFLAY		DFLAY	
PA	710 R-727-100	4	2:22	0	0:08	2:14 (7209)
	808 R-707-300R	17	2:26	0	0:12	2:14 (7209)
	809 R-707-100C	5	2:30	0	0:16	2:14 (7209)
	TOTAL	26	2:26	0	0:12	

ROUTE SUMMARY

2773	2:22	0:10	203	2:19	0:05
------	------	------	-----	------	------

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-7

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO
STAGE LENGTH = 338 ST. MILES

ROUTE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DUAL (2300-0659)-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DELAY		DELAY	
AA	R09 R-707-300C	391	0151			0146 (7204)
	TOTAL	391	0151			
RN	854 DC-8-62	151	0153			0146 (7204)
	TOTAL	151	0153			
DL	848 DC-8-50	2	0147	9	0155	0109 (7204)
	851 DC-8-61	261	0146	125	0149	0103 (7204)
	TOTAL	263	0146	134	0149	0103
NW	816 R-747	88	0153			0146 (7204)
	TOTAL	88	0153			
PA	808 R-707-300H	129	0152			0146 (7204)
	809 R-707-300C	151	0153	38	0153	0107 (7204)
	816 R-747	553	0152			0146 (7204)
	TOTAL	833	0152	38	0153	0107
RW	630 DC-9-10	255	0152			0146 (7204)
	640 DC-9-30	423	0153			0146 (7204)
	TOTAL	678	0153			

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-7 (CONTINUED)

AIRBORNE DELAYS DURING 1974
 CATERGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE
 SEGMENT LAX ==> SFO (CONTINUED)
 STAGE LENGTH = 338 ST. MILES

ROUTE	AIRCRAFT	-----BUSY (0700-2259)-----	-----DUAL (2300-0659)-----	NOMINAL TIME
		#FLIGHTS AVG AIR TIME DELAY	#FLIGHTS AVG AIR TIME DELAY	(DATE)
TM	710 R-727-100	69 0150 0104		0146 (7204)
	711 R-727-100C/QC	16 0149 0103		0146 (7204)
	715 R-727-200	134 0154 0108	72 0150 0104	0146 (7204)
	760 I-1011	175 0150 0104	2 0147 0101	0146 (7204)
	802 R-707-100H	454 0152 0106	226 0150 0104	0146 (7204)
	806 R-707-300	24 0152 0106	11 0149 0103	0146 (7204)
	808 R-707-300H	242 0152 0106	203 0150 0104	0146 (7204)
	809 R-707-300C	431 0152 0106	79 0150 0104	0146 (7204)
	816 R-747	185 0152 0106	1 0146 0100	0146 (7204)
	TOTAL	1730 0152 0106	594 0150 0104	
TIA	620 R-737-200	694 0154 0108		0146 (7204)
	710 R-727-100	1636 0151 0105		0146 (7204)
	711 R-727-100C/QC	482 0152 0106		0146 (7204)
	715 R-727-200	134 0151 0105		0146 (7204)
	730 DC-10-10	5 0152 0106		0146 (7204)
	816 R-747	3 0154 0108	17 0148 0102	0146 (7204)
	842 DC-8-20	170 0153 0107		0146 (7204)
	844 DC-8-30	15 0154 0108		0146 (7204)
	848 DC-8-50	40 0151 0105	13 0147 0101	0146 (7204)
	850 DC-8-50F	164 0152 0106	5 0147 0101	0146 (7204)
	851 DC-8-61	117 0152 0106	4 0147 0101	0146 (7204)
	854 DC-8-62	84 0152 0106		0146 (7204)
	TOTAL	3544 0152 0106	39 0148 0102	
WA	620 R-737-200	749 0152 0106		0146 (7204)
	715 R-727-200	337 0151 0105	58 0151 0105	0146 (7204)
	730 DC-10-10	1 0149 0103	205 0148 0102	0146 (7204)
	809 R-707-300C	39 0150 0104		0146 (7204)
	814 R-720-000H	134 0151 0105	58 0148 0102	0146 (7204)
TOTAL	1260 0152 0106	321 0149 0103		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-7 (CONTINUED)

AIRCRAFT DELAYS DURING 1970
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO (CONTINUED)
 STAGE LENGTH = 318 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME DELAY	#FLIGHTS	AVG AIR TIME DELAY	
		8938	0152	1125	0149	0103

ROUTE SUMMARY

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-8

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LGA => ROS
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	(DATE)
AA	710 R-727-100	862	0134	0107				0:26 (7212)
	715 R-727-200	841	0133	0106				0:26 (7212)
	730 DC-10-10	109	0136	0110				0:26 (7212)
	TOTAL	1812	0133	0107				
DL	640 DC-9-30				211	0:28	0:02	0:26 (7212)
	TOTAL				211	0:28	0:02	
EA	550 I-188A-0R/188C	2766	0:40	0:05				0:35 (7201)
	640 DC-9-30	5720	0:34	0:07				0:26 (7212)
	710 R-727-100	88	0:33	0:07				0:26 (7212)
	711 R-727-100C/0C	26	0:33	0:06				0:26 (7212)
	715 R-727-200	163	0:35	0:09				0:26 (7212)
	TOTAL	8763	0:36	0:07				
ROUTE SUMMARY		10575	0:35	0:07	211	0:28	0:02	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-9

AIRORE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD => STL
STAGE LENGTH = 258 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	DFLAY	#FLIGHTS	AVG AIR TIME	DFLAY	
AA	710 R-727-100	248	0145	0106				0138 (7205)
	715 R-727-200	119	0144	0104				0138 (7205)
	802 R-707-100R	452	0145	0106				0138 (7205)
	808 R-707-300R	38	0145	0106				0138 (7205)
	809 R-707-300C	57	0146	0108				0138 (7205)
TOTAL		1114	0145	0106				
DL	640 DC-9-30	2455	0143	0104	157	0136	-0103	0138 (7205)
	710 R-727-100	114	0142	0104				0138 (7205)
	715 R-727-200	292	0140	0101				0138 (7205)
	844 DC-8-30	2	0146	0108				0138 (7205)
	848 DC-8-50	2	0143	0104				0138 (7205)
TOTAL		2865	0142	0104	157	0136	-0103	
NZ	454 FH-277	2	1111	0106				1105 (7212)
	630 DC-9-10	179	0144	0106	18	0143	0104	0138 (7205)
	640 DC-9-30	768	0145	0106	133	0142	0104	0138 (7205)
	TOTAL	969	0145	0106	151	0142	0104	
ROUTE SUMMARY		4948	0143	0105	308	0139	0100	

---ALL TIMES ARE IN HOURS AND MINUTS---

TABLE I-3-10

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO ==> SEA
STAGE LENGTH = 678 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DELAY		DELAY	
PA	R08 R-707-300R	2	1:31	0:08		1:24 (7206)
	R16 R-747	96	1:26	0:03		1:24 (7206)
	TOTAL	98	1:26	0:10		
UA	620 R-737-200	3	1:37	0:13		1:24 (7206)
	710 R-727-100	871	1:31	0:07		1:24 (7206)
	711 R-727-100C/QC	369	1:31	0:08		1:24 (7206)
	715 R-727-200	13	1:29	0:05		1:24 (7206)
	730 DC-10-10	1	1:36	0:12		1:24 (7206)
	816 R-747	1	1:26	0:02		1:24 (7206)
	842 DC-8-20	249	1:31	0:08		1:24 (7206)
	844 DC-8-30	7	1:37	0:14		1:24 (7206)
	848 DC-8-50	89	1:32	0:09		1:24 (7206)
	851 DC-8-61	192	1:30	0:07		1:24 (7206)
854 DC-8-62	17	1:29	0:05		1:24 (7206)	
TOTAL		1812	1:31	0:08		
WA	620 R-737-200	621	1:33	0:10		1:24 (7206)
	715 R-727-200	286	1:28	0:08	1:26	1:24 (7206)
	R09 R-707-300C	2	1:27	0:03		1:24 (7206)
	R14 R-720-000H	147	1:31	0:07	1:25	1:24 (7206)
TOTAL		1056	1:31	0:08	1:26	1:24 (7206)
ROUTE SUMMARY		2966	1:31	0:07	1:26	0:02

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-1

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL => DFH
STAGE LENGTH = 731 ST. MILFS

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-30	2	1:38	0:03	135	1:34	0:00	1:35 (7404)
	715 R-727-200				146	1:40	0:06	1:35 (7404)
	760 L-1011	620	1:38	0:04				1:35 (7404)
	816 R-747	315	1:42	0:08				1:35 (7404)
	848 DC-8-50	908	1:43	0:08	2	1:40	0:06	1:35 (7404)
	851 DC-8-61	359	1:42	0:08				1:35 (7404)
	TOTAL	2204	1:41	0:07	283	1:37	0:03	
FA	630 DC-9-10	1	1:38	0:03				1:35 (7404)
	640 DC-9-30	1068	1:48	0:13				1:35 (7404)
	710 R-727-100	210	1:45	0:10				1:35 (7404)
	711 R-727-100C/DC	73	1:41	0:07				1:35 (7404)
	715 R-727-200	3	1:45	0:11				1:35 (7404)
	TOTAL	1355	1:47	0:12				

ROUTE SUMMARY

3559	1:44	0:09	283	1:37	0:03
------	------	------	-----	------	------

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-2

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ROS ==> PHL
STAGE LENGTH = 281 ST. MILES

AIRLINE	AIRCRAFT	-----RUISY (0700-2259)-----		-----DILL (2300-0659)-----		NONFINAL TIME
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DELAY		DFLAY	
AA	710 R-727-100	1	1:02			0:42 (7210)
	715 R-727-200	7	0:52			0:02 (7210)
	802 R-707-100R	179	0:56			0:42 (7210)
	808 R-707-300R	33	0:51			0:42 (7210)
	809 R-707-300C	76	0:54			0:42 (7210)
TOTAL	296	0:55	0:13			
AL	430 CV-580	2	1:14			1:24 (7204)
	605 R-1-1-200	317	1:02			0:42 (7210)
	640 DC-9-30	2801	0:55	21	0:51	0:42 (7210)
	650 MISCFLANERUS	52	0:57	2	0:57	0:42 (7210)
	TOTAL	3212	0:56	0:13	23	0:52
DL	640 DC-9-30	679	0:56			0:42 (7210)
	710 R-727-100	199	0:52			0:42 (7210)
	715 R-727-200	931	0:54			0:42 (7210)
	848 DC-8-50	207	0:55			0:42 (7210)
	851 DC-8-61	1	0:52			0:42 (7210)
TOTAL	2017	0:54	0:12			
FA	710 R-727-100	206	0:56			0:42 (7210)
	711 R-727-100C/DC	123	0:54			0:42 (7210)
	715 R-727-200	9	0:53			0:42 (7210)
TOTAL	338	0:55	0:13			
TW	809 R-707-300C			123	0:52	0:10
						0:42 (7210)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-2 (CONTINUED)

AIRBORNE DELAYS DURING 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT RQS ==> PHL (CONTINUED)
 STAGE LENGTH = 241 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)----- #FLIGHTS AVG AIR TIME DELAY	-----DULL (2300-0659)----- #FLIGHTS AVG AIR TIME DELAY	NOMINAL TIME (DATE)
TM (CONT)	TOTAL	123	0152	0110
ROUTE SUMMARY		5863	0155	0113
		146	0152	0110

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-3

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT CLF => DTW
STAGE LENGTH = 95 ST. MILFS

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME (DATE)		
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME			
			DELAY		DELAY			
AL	640 DC-9-30	30	0123	0105		0118 (7202)		
	TOTAL	30	0123	0105				
DL	640 DC-9-30	360	0121	0103		0118 (7202)		
	TOTAL	360	0121	0103				
FA	630 DC-9-10	20	0124	0106		0118 (7202)		
	640 DC-9-30	140	0124	0106		0118 (7202)		
	TOTAL	160	0124	0106				
NC	430 CV-580	2084	0124	0104		0124 (7209)		
	640 DC-9-30	715	0124	0106		0118 (7202)		
	TOTAL	2799	0127	0104				
NW	715 R-727-200				3	0127	0109	0118 (7202)
	710 R-727-100				76	0124	0107	0118 (7202)
	715 R-727-200				217	0124	0107	0118 (7202)
	TOTAL				296	0124	0107	
UA	850 DC-8-50F				161	0123	0105	0118 (7202)
	TOTAL				161	0123	0105	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-3 (CONTINUED)

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT CLF ==> DTW (CONTINUED)
STAGE LENGTH = 95 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	(DATE)
			DELAY		DELAY	
ROUTE SUMMARY		3349	0:26	457	0:24	0:06

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-4

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA ==> ORD
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DUL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	1024	1:43	0:21			1:22 (7207)	
	715 R-727-200	1125	1:41	0:19			1:22 (7207)	
	TOTAL	3049	1:42	0:20				
TM	710 R-727-100	433	1:39	0:17			1:22 (7207)	
	711 R-727-100C/DC	131	1:38	0:16			1:22 (7207)	
	715 R-727-200	1418	1:40	0:18			1:22 (7207)	
	TOTAL	2382	1:40	0:18				
UA	620 R-737-200	368	1:43	0:21			1:22 (7207)	
	710 R-727-100	761	1:39	0:17			1:22 (7207)	
	711 R-727-100C/DC	133	1:35	0:13			1:22 (7207)	
	715 R-727-200	1391	1:42	0:20			1:22 (7207)	
	TOTAL	2653	1:41	0:19				

ROUTE SUMMARY

8084 1:41 0:19

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-5

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DEN ==> ORD
STAGE LENGTH = 901 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	
CO	715 R-727-200	543	1:53	0:11	9	1:47	0:06	1:41 (7212)
	730 DC-10-10	789	1:51	0:10	1	1:44	0:03	1:41 (7212)
	814 R-720-000R	5	2:21	0:39				1:41 (7212)
	TOTAL	1337	1:52	0:11	10	1:47	0:05	
TW	710 R-727-100	478	1:56	0:15				1:41 (7212)
	711 R-727-100C/QC	135	1:56	0:15				1:41 (7212)
	715 R-727-200	308	1:55	0:13				1:41 (7212)
	802 R-707-100R	574	1:51	0:10				1:41 (7212)
	806 R-707-100	37	1:52	0:11				1:41 (7212)
	TOTAL	1337	1:52	0:11	10	1:47	0:05	1:41 (7212)
JIA	620 R-737-200	45	2:03	0:21				1:41 (7212)
	710 R-727-100	441	1:58	0:17				1:41 (7212)
	711 R-727-100C/QC	67	1:59	0:18				1:41 (7212)
	715 R-727-200	42	1:52	0:11				1:41 (7212)
	730 DC-10-10	964	1:55	0:14				1:41 (7212)
	816 R-747	2	1:42	0:01				1:41 (7212)
	842 DC-8-20	157	1:54	0:13				1:41 (7212)
	848 DC-8-50	60	1:53	0:11				1:41 (7212)
	850 DC-8-50F	84	1:49	0:08				1:41 (7212)
	851 DC-8-61	327	1:54	0:13				1:41 (7212)
	854 DC-8-62	14	1:55	0:14				1:41 (7212)
	TOTAL	2205	1:55	0:14				
	ROUTE SUMMARY		5216	1:54	0:13	10	1:47	0:05

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-6

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK => MIA
STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)----- #FLIGHTS	AVG AIR TIME	AVG AIR DELAY	-----DULL (2300-0659)----- #FLIGHTS	AVG AIR TIME	AVG AIR DELAY	NOMINAL TIME (DATE)
RN	808 DC-8-50	47	2:27	0:14				2:14 (7209)
	854 DC-8-62	208	2:29	0:16				2:14 (7209)
	TOTAL	255	2:29	0:15				
DI	600 DC-9-30	2	2:57	0:18				2:14 (7209)
	715 R-727-200	205	2:21	0:08				2:14 (7209)
	760 L-1011	5	2:15	0:02				2:14 (7209)
	816 R-747	2	2:34	0:21				2:14 (7209)
	808 DC-8-50	367	2:27	0:08				2:14 (7209)
TOTAL	621	2:22	0:08					
FA	600 DC-9-30	18	2:55	0:21				2:14 (7209)
	710 R-727-100	376	2:26	0:13				2:14 (7209)
	711 R-727-100C/DC	190	2:28	0:14				2:14 (7209)
	715 R-727-200	351	2:22	0:08				2:14 (7209)
	760 L-1011	509	2:23	0:09				2:14 (7209)
	TOTAL	1088	2:24	0:11				
NA	710 R-727-100	124	2:18	0:04	2	2:23	0:09	2:14 (7209)
	715 R-727-200	96	2:26	0:13	237	2:17	0:03	2:14 (7209)
	730 DC-10-10	121	2:23	0:10				2:14 (7209)
	732 DC-10-30	5	2:24	0:11	2	2:15	0:01	2:14 (7209)
	816 R-747	95	2:23	0:10				2:14 (7209)
	851 DC-8-61	2	2:29	0:16				2:14 (7209)
TOTAL	443	2:22	0:09	241	2:17	0:03		
PA	809 R-707-300C	1	2:23	0:09	35	2:25	0:12	2:14 (7209)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-6 (CONTINUED)

AIRBORNE DELAYS DURING 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE
 SEGMENT JFM 83> MIA (CONTINUED)
 STAGE LENGTH = 1000 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DUAL (2300-0659)-----		NOMINAL TIME
PA (CONT)	816 R-747	#FLIGHTS	AVG ATP TIME	#FLIGHTS	AVG AIN TIME	(DATE)
		30	2:22			
		31	2:22	35	2:25	2:14 (7209)
	TOTAL					
		2838	2:24	276	2:14	
	ROUTE SUMMARY		0:10		0:05	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-7

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO
STAGE LENGTH = 337 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	(DATE)
AA	808 R-707-300R	1	0147	0101				0146 (7204)
	809 B-707-300C	297	0151	0105	66	1103	0117	0146 (7204)
	TOTAL	298	0151	0105	66	1103	0117	
BN	808 DC-8-50				1	0148	0102	0146 (7204)
	854 DC-8-62	144	0153	0107	12	0149	0103	0146 (7204)
	TOTAL	144	0153	0107	13	0149	0103	
DL	848 DC-8-50	1	0143	0103				0146 (7204)
	851 DC-8-61	358	0151	0105	60	0150	0104	0146 (7204)
	TOTAL	359	0151	0105	60	0150	0104	
NW	710 R-727-100	1	0153	0107				0146 (7204)
	715 R-727-200	1	0155	0109				0146 (7204)
	733 DC10-40	1	0151	0105				0146 (7204)
	816 R-747	330	0153	0107				0146 (7204)
	TOTAL	333	0153	0107				
PA	808 R-707-300R	193	0153	0107				0146 (7204)
	809 R-707-300C	58	0155	0109	70	0152	0105	0146 (7204)
	816 R-747	702	0153	0107				0146 (7204)
	TOTAL	953	0153	0107	70	0152	0105	
RW	630 DC-9-10	515	0153	0107				0146 (7204)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-7 (CONTINUED)

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO (CONTINUED)
STAGE LENGTH = 337 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME		
RW (CNT)	640 DC-9-30	651	0154	0108		0146 (7204)	
TOTAL		1166	0154	0108			
TM	710 R-727-100	28	0150	0104	1	0150	0104
	711 R-727-100C/DC	11	0150	0104	1	0152	0106
	715 R-727-200	2	0148	0102	113	0151	0105
	760 L-1011	213	0149	0103	1	0149	0103
	802 R-707-100R	748	0152	0106	31	0150	0104
	806 R-707-300	75	0152	0106	19	0152	0106
	808 R-707-300R	246	0153	0107	192	0150	0104
	809 R-707-300C	250	0152	0106	19	0151	0105
	816 R-747	213	0153	0107			0146 (7204)
	TOTAL		1786	0152	0106	377	0151
UA	620 R-737-200	866	0150	0108			0146 (7204)
	710 R-727-100	2462	0152	0105			0146 (7204)
	711 R-727-100C/DC	332	0152	0106			0146 (7204)
	715 R-727-200	66	0152	0106			0146 (7204)
	730 DC-10-10	10	0159	0113			0146 (7204)
	816 R-747	R	0153	0107	1	0150	0104
	842 DC-8-20	275	0152	0106	1	0156	0110
	848 DC-8-50	136	0151	0105			0146 (7204)
	850 DC-8-50F	141	0153	0107			0146 (7204)
	851 DC-8-61	510	0153	0107	36	0152	0106
854 DC-8-62	61	0151	0105	1	0151	0105	
TOTAL		4907	0152	0106	39	0152	0106
WA	620 R-737-200	1057	0151	0107	1	0152	0106
	715 R-727-200	751	0150	0104	713	0149	0103
	730 DC-10-10	1	0152	0106			0146 (7204)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-7 (CONTINUED)

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO (CONTINUED)
STAGE LENGTH = 337 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DUI L (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
WA (CONT)	809 R-707-100C	105	0:53	0:07				0:46 (7204)
	814 R-720-000R	693	0:51	0:05	1	0:48	0:02	0:46 (7204)
	TOTAL	2640	0:52	0:06	715	0:49	0:03	
ROUTE SUMMARY		12595	0:52	0:06	1340	0:50	0:04	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-8

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ICA ==> RDS
STAFF LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	(DATE)
AA	710 R-727-100	1071	0134	0108				0126 (7212)
	715 R-727-200	585	0135	0108				0126 (7212)
	730 DC-10-10	144	0134	0107				0126 (7212)
	TOTAL	1800	0134	0108				
DL	640 DC-9-30	57	0136	0110				0126 (7212)
	715 R-727-200	244	0134	0107				0126 (7212)
	TOTAL	301	0134	0108				
EA	550 L-188A-0R/188C	3099	0141	0105				0135 (7201)
	640 DC-9-30	4956	0134	0108				0126 (7212)
	710 B-727-100	67	0135	0109				0126 (7212)
	711 R-727-100C/DC	43	0137	0110				0126 (7212)
	715 R-727-200	101	0136	0110				0126 (7212)
	760 L-1011	22	0136	0110				0126 (7212)
	TOTAL	8268	0137	0107				
TW	630 DC-9-10	142	0134	0108				0126 (7212)
	710 R-727-100	1	0134	0108				0126 (7212)
	TOTAL	143	0134	0108				
ROUTE SUMMARY		10532	0136	0107				

---ALL TIMES ARE IN HOURS AND MINUTS---

TABLE I-4-9

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORIGIN => STL
STAGE LENGTH = 258 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DUILL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	207	0:45	0:07			0:38 (7205)	
	715 R-727-200	305	0:46	0:08			0:38 (7205)	
	730 DC-10-10	1	0:40	0:01			0:38 (7205)	
	802 R-707-100R	241	0:45	0:06			0:38 (7205)	
	808 R-707-300R	33	0:44	0:05			0:38 (7205)	
809 R-707-300C	45	0:46	0:07			0:38 (7205)		
	TOTAL	832	0:45	0:07				
DL	640 DC-9-30	2450	0:45	0:07			0:38 (7205)	
	710 R-727-100	1	0:39	0:00			0:38 (7205)	
	715 R-727-200	321	0:44	0:06			0:38 (7205)	
	848 DC-8-50	60	0:46	0:07			0:38 (7205)	
	TOTAL	3232	0:45	0:07				
DZ	454 FH-227	3	1:31	0:26	7	0:44	1:05 (7212)	
	630 DC-9-10	298	0:47	0:08	36	0:45	0:38 (7205)	
	640 DC-9-30	1433	0:47	0:08			0:38 (7205)	
	TOTAL	1934	0:47	0:08	43	0:45	0:07	
		ROUTE SUMMARY	5998	0:46	0:07	43	0:45	0:07

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-10

AIRBORNE DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFN => SFA
STAGE LENGTH = 678 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	(DATE)
			DELAY				
PA	808 R-707-300R	65	1:35	0:11			1:24 (7206)
	816 R-747	178	1:28	0:04			1:24 (7206)
	TOTAL	243	1:30	0:06			
UA	620 R-737-200	5	1:30	0:16			1:24 (7206)
	710 R-727-100	1361	1:30	0:07			1:24 (7206)
	711 R-727-100C/DC	409	1:32	0:08	208	1:29	1:24 (7206)
	715 R-727-200	84	1:31	0:08	7	1:28	1:24 (7206)
	730 DC-10-10	79	1:26	0:02	5	1:25	1:24 (7206)
	842 DC-8-20	396	1:32	0:08	30	1:28	1:24 (7206)
	848 DC-8-50	175	1:31	0:08	13	1:26	1:24 (7206)
	850 DC-8-50F	23	1:33	0:09			1:24 (7206)
	851 DC-8-61	19	1:31	0:08	1	1:26	1:24 (7206)
	854 DC-8-62	2	1:29	0:05	1	1:20	1:24 (7206)
	TOTAL	2552	1:31	0:07	265	1:28	
WA	620 R-737-200	1173	1:34	0:11			1:24 (7206)
	715 R-727-200	604	1:28	0:05			1:24 (7206)
	814 R-720-000H	59	1:31	0:07	354	1:27	1:24 (7206)
	TOTAL	1836	1:32	0:08	357	1:27	
ROUTE SUMMARY		4631	1:31	0:08	622	1:28	0:04

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-5-1

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL => DMW
 STAGE LENGTH = 731 ST. MI/FS

AIRLINE	AIRCRAFT	-----1974----- #FLIGHTS	AVG AIR DELAY	-----1975----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
DL	640 DC-9-30	5	0:11	137	-0:00	142	-0:11	1:35 (7400)
	710 B-727-100	1	0:06			1		1:35 (7400)
	715 B-727-200	302	0:01	146	0:06	448	0:05	1:35 (7400)
	760 L-1011	342	0:11	620	0:04	962	-0:07	1:35 (7400)
	R16 B-747	561	0:04	315	0:08	876	0:04	1:35 (7400)
84R	DC-8-50	785	0:08	910	0:08	1695	-0:00	1:35 (7400)
	DT-8-61	145	0:11	359	0:08	504	-0:03	1:35 (7400)
TOTAL		2141	0:07	2487	0:06	4628	-0:00	
EA	630 DC-9-30	118	0:08	1	0:03	119	-0:04	1:35 (7400)
	640 DC-9-30	397	0:13	1068	0:13	1465	0:00	1:35 (7400)
	710 B-727-100	241	0:06	210	0:10	451	0:04	1:35 (7400)
	711 B-727-100C/9C	155	0:04	73	0:07	228	0:02	1:35 (7400)
	715 B-727-200	155	0:04	3	0:11	158	0:07	1:35 (7400)
TOTAL		1066	0:08	1355	0:12	2421	0:04	

ROUTE SUMMARY

3207	0:07	3842	0:08	7049	0:01
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-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-2

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT R05 ==> PHL
 STAFF LENGTH = 280 ST. MILES

AIRLINE	AIRCRAFT	-----1974-----		-----1975-----		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY			
AA	710 B-727-100	1	0:18	1	0:20	2	0:02	0142 (7210)
	715 B-727-200	75	0:12	7	0:10	82	-0:02	0142 (7210)
	730 DC-10-10	121	0:12			121		0142 (7210)
	802 B-707-100R	130	0:13	179	0:13	309	0:00	0142 (7210)
	R08 B-707-300R	52	0:11	33	0:09	85	-0:02	0142 (7210)
R09 B-707-300C	70	0:13	76	0:12	146	-0:01	0142 (7210)	
TOTAL		429	0:13	296	0:13	725	-0:00	
AL	430 CV-580	23	-0:09	2	-0:09	25	-0:00	1124 (7204)
	605 B-1-11-200	1828	0:17	317	0:19	2145	0:02	0142 (7210)
	640 DC-9-30	2241	0:14	2862	0:13	5103	-0:01	0142 (7210)
	650 MISCELLANEOUS			54	0:15	54		0142 (7210)
	TOTAL		4092	0:15	3235	0:13	7327	-0:02
DL	640 DC-9-30	902	0:15	679	0:13	1581	-0:01	0142 (7210)
	710 B-727-100			199	0:10	199		0142 (7210)
	715 B-727-200	1064	0:12	931	0:12	1995	-0:00	0142 (7210)
	808 DC-8-50			207	0:12	207		0142 (7210)
	R51 DC-8-61			1	0:10	1		0142 (7210)
TOTAL		1966	0:13	2017	0:12	3983	-0:01	
EA	710 B-727-100	104	0:15	206	0:14	310	-0:01	0142 (7210)
	711 B-727-100C/DC	61	0:14	123	0:11	184	-0:03	0142 (7210)
	715 B-727-200	14	0:13	9	0:11	23	-0:02	0142 (7210)
TOTAL		179	0:14	338	0:13	517	-0:02	
PA	R08 B-707-300R	101	0:17			101		0142 (7210)
	R09 B-707-300C	41	0:16			41		0142 (7210)
TOTAL		142	0:17			142		
TW	R09 B-707-300C			123	0:10	123		0142 (7210)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-2 (CONTINUED)

AIRBORNE DELAYS DURING 1974 AND 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ROS ==> PHL (CONTINUED)
STAGE LENGTH = 280 ST. MILES

AIRLINE	AIRCRAFT	-----1974----- #FLIGHTS	AVG AIR DELAY	-----1975----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGF IN AVG AIR DELAY	NOMINAL TIME (DATE)
TOTAL		123	0:10	123	0:10	123		
ROUTE SUMMARY		6808	0:15	6009	0:13	12817	-0:02	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-3

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT CLF ==> DTW STAGE LENGTH = 95 ST. MILFS	AIRCRAFT	-----1974----- #FLIGHTS AVG AIR DELAY	-----1975----- #FLIGHTS AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AL	605 B-1-11-200	26 0:08	30 0:05	26		0:18 (7202)
	600 DC-9-30			30		0:18 (7202)
	TOTAL	26	30	56	-0:02	
DL	600 DC-9-30	337 0:02	360 0:03	697	0:01	0:18 (7202)
	TOTAL	337	360	697	0:01	
EA	630 DC-9-10		20 0:06	20		0:18 (7202)
	600 DC-9-30		140 0:06	140		0:18 (7202)
	710 B-727-100	34 0:07		34		0:18 (7202)
	711 B-727-100C/DC	8 0:08		8		0:18 (7202)
	TOTAL	42	160	202	-0:01	
NC	430 CV-580	1409 0:04	2084 0:04	3493	0:00	0:24 (7209)
	600 DC-9-30	542 0:06	715 0:06	1257	0:00	0:18 (7202)
	TOTAL	1951	2799	4750	0:00	
NW	710 B-727-100	299 0:06		299		0:18 (7202)
	715 B-727-200	121 0:06	3 0:09	124	0:03	0:18 (7202)
	710 B-727-100		76 0:07	76		0:18 (7202)
	715 B-727-200		217 0:07	217		0:18 (7202)
	TOTAL	420	296	716	0:01	
UA	850 DC-8-50F	162 0:05	161 0:05	323	0:00	0:18 (7202)
	TOTAL	162	161	323	0:00	
ROUTE SUMMARY		2938	3606	6744	0:00	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-4

AIRCORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA => ORD STAGE LENGTH = 612 ST. MILES		-----1974-----		-----1975-----		TOTAL		CHANGE IN		NOMINAL TIME	
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
AA	710 B-727-100	2005	0:23	1924	0:21	3929	0:22	3929	-0:02	1:22	(7207)
	715 B-727-200	1039	0:21	1125	0:19	2164	0:20	2164	-0:02	1:22	(7207)
	TOTAL	3044	0:22	3049	0:20	6093		6093	-0:02		
TW	710 B-727-100	344	0:17	433	0:17	777		777	0:01	1:22	(7207)
	711 B-727-100C/QC	105	0:17	131	0:16	236		236	-0:01	1:22	(7207)
	715 B-727-200	974	0:23	1818	0:18	2792		2792	-0:05	1:22	(7207)
	TOTAL	1423	0:21	2382	0:18	3805		3805	-0:03		
IJA	620 B-737-200	213	0:22	368	0:21	581		581	-0:01	1:22	(7207)
	710 B-727-100	422	0:25	761	0:17	1183		1183	-0:08	1:22	(7207)
	711 B-727-100C/QC	162	0:19	133	0:13	295		295	-0:07	1:22	(7207)
	715 B-727-200	987	0:23	1391	0:20	2378		2378	-0:03	1:22	(7207)
	TOTAL	1784	0:23	2653	0:19	4437		4437	-0:04		
ROUTE SUMMARY		6251	0:22	6084	0:19	14335		14335	-0:03		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-5

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DEN ==> ORD
 STAGF LENGTH = 900 ST. MI/FS

AIRLINE	AIRCRAFT	-----1974-----		-----1975-----		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY			
CO	715 B-727-200	728	0:14	552	0:11	1280	-0:02	1:41 (7212)
	730 DC-10-10	774	0:12	790	0:10	1564	-0:02	1:41 (7212)
	814 B-720-000R	26	0:14	5	0:39	31	0:26	1:41 (7212)
	TOTAL	1528	0:13	1347	0:11	2875	-0:02	
TW	710 B-727-100	154	0:14	478	0:15	632	0:01	1:41 (7212)
	711 B-727-100C/DC	43	0:13	135	0:15	178	0:02	1:41 (7212)
	715 B-727-200	400	0:19	308	0:13	708	-0:06	1:41 (7212)
	802 B-707-100R	342	0:16	578	0:10	920	-0:05	1:41 (7212)
	806 B-707-300	22	0:10	37	0:11	59	0:00	1:41 (7212)
	808 B-707-300R	52	0:16	133	0:12	185	-0:04	1:41 (7212)
	809 B-707-300C	4	0:17	5	0:05	9	-0:12	1:41 (7212)
	825 CV-880	167	0:09			167		1:41 (7212)
	TOTAL	1184	0:16	1674	0:13	2858	-0:03	
	UA	620 B-737-200	5	0:27	45	0:21	50	-0:06
710 B-727-100		346	0:16	441	0:17	787	0:00	1:41 (7212)
711 B-727-100C/DC		41	0:14	67	0:16	108	0:04	1:41 (7212)
715 B-727-200		39	0:13	42	0:11	81	-0:02	1:41 (7212)
730 DC-10-10		590	0:19	964	0:14	1554	-0:05	1:41 (7212)
816 B-747		27	0:19	2	0:01	29	-0:18	1:41 (7212)
842 DC-8-20		78	0:15	157	0:13	235	-0:02	1:41 (7212)
844 DC-8-30		11	0:20			11		1:41 (7212)
848 DC-8-50		36	0:14	60	0:11	96	-0:02	1:41 (7212)
850 DC-8-50F				86	0:08	86		1:41 (7212)
851 DC-8-61		174	0:17	327	0:13	501	-0:04	1:41 (7212)
854 DC-8-62		34	0:09	14	0:14	48	0:05	1:41 (7212)
TOTAL		1381	0:17	2205	0:14	3586	-0:03	
ROUTE SUMMARY		4093	0:15	5226	0:13	9319	-0:02	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-6

AIRBORNE DELAYS DURING 1974 AND 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK => MIA STAGE LENGTH = 1090 ST. MILES		-----1974-----		-----1975-----		TOTAL #FLIGHTS	CHANGF IN AVG AIR DELAY	NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY			
BN	848 DC-8-50	16	0:18	47	0:14	63	-0:05	2:14 (7209)
	854 DC-8-62	281	0:15	208	0:16	489	0:00	2:14 (7209)
	TOTAL	297	0:16	255	0:15	552	-0:00	
DL	640 DC-9-30			2	0:18	2		2:14 (7209)
	715 R-727-200	415	0:03	245	0:08	660	0:05	2:14 (7209)
	730 DC-10-10	106	0:17			106		2:14 (7209)
	760 L-1011	3	0:14	5	0:02	8	-0:12	2:14 (7209)
	816 R-747	156	0:11	2	0:21	2		2:14 (7209)
	TOTAL	848 DC-8-50 851 DC-8-61	5	0:25	367	0:08	523	-0:03
TOTAL		685	0:07	621	0:08	1306	0:01	
EA	640 DC-9-30	15	0:26	18	0:21	33	-0:05	2:14 (7209)
	710 R-727-100	184	0:12	376	0:13	560	0:01	2:14 (7209)
	711 R-727-100C/DC	450	0:09	194	0:14	644	0:05	2:14 (7209)
	715 R-727-200	298	0:11	351	0:08	649	-0:03	2:14 (7209)
	760 L-1011	485	0:09	549	0:09	1034	-0:00	2:14 (7209)
	TOTAL		1432	0:10	1488	0:11	2920	0:00
NA	710 R-727-100	8	0:06	126	0:04	134	-0:02	2:14 (7209)
	715 R-727-200	200	0:05	333	0:06	533	0:01	2:14 (7209)
	730 DC-10-10	87	0:08	121	0:10	208	0:01	2:14 (7209)
	732 DC-10-30	51	0:09	7	0:08	58	-0:01	2:14 (7209)
	816 R-747	9A	0:12	95	0:10	193	-0:02	2:14 (7209)
	842 DC-8-20	56	0:13			56		2:14 (7209)
	850 DC-8-50F	1A	0:19	2	0:16	18	0:02	2:14 (7209)
	TOTAL	851 DC-8-61	18	0:14	2	0:16	20	0:02
TOTAL		536	0:09	684	0:07	1220	-0:02	
PA	710 R-727-100	4	0:08			4		2:14 (7209)
	808 R-707-300B	17	0:12	36	0:12	47		2:14 (7209)
	TOTAL	5	0:16	30	0:08	30	-0:05	2:14 (7209)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-6 (CONTINUED)

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK ==> MIA (CONTINUED) STAGE LENGTH = 1090 ST. MILES	AIRLINE	AIRCRAFT	-----1974-----		-----1975-----		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
			#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY			
		TOTAL	26	0:12	66	0:10	92	-0:02	
		ROUTE SUMMARY	2976	0:10	3114	0:10	6090	-0:00	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-7

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT	AIRLINE	AIRCRAFT	1974		1975		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
			#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY			
SEGMENT MAX ==> SFM STAGE LENGTH = 337 ST. MILES									
AA		R0R B-707-300R		1	0:01	1	1	0:02	0:46 (7204)
		R09 H-707-300C	341	0:05	363	0:07	754	0:02	0:46 (7204)
		TOTAL	391	0:05	364	0:07	755	0:02	
BN		R4R DC-8-50		1	0:02	1	1	-0:00	0:46 (7204)
		R54 DC-8-62	151	0:07	156	0:07	307	-0:00	0:46 (7204)
		TOTAL	151	0:07	157	0:06	308	-0:00	
DL		R4R DC-8-50	11	0:08	1	-0:03	12	-0:11	0:46 (7204)
		R51 DC-8-61	386	0:01	418	0:05	804	0:04	0:46 (7204)
		TOTAL	397	0:01	419	0:05	816	0:04	
NW		710 R-727-100		1	0:07	1	1		0:46 (7204)
		715 R-727-200		1	0:09	1	1		0:46 (7204)
		733 DC10-40	88	0:07	330	0:07	418	0:00	0:46 (7204)
	R16 R-747							0:46 (7204)	
	TOTAL	88	0:07	333	0:07	421	0:00		
PA		R0R B-707-300R	129	0:06	193	0:07	322	0:02	0:46 (7204)
		R09 B-707-300C	189	0:07	128	0:07	317	0:00	0:46 (7204)
		R16 B-747	553	0:06	702	0:07	1255	0:01	0:46 (7204)
	TOTAL	871	0:06	1023	0:07	1894	0:01		
RM		630 DC-9-10	255	0:06	515	0:07	770	0:01	0:46 (7204)
		640 DC-9-30	423	0:07	651	0:08	1074	0:01	0:46 (7204)
		TOTAL	678	0:07	1166	0:08	1844	0:01	
TW		710 R-727-100	69	0:04	29	0:04	98	-0:00	0:46 (7204)
		711 R-727-100C/DC	16	0:03	12	0:04	28	0:01	0:46 (7204)
		715 R-727-200	206	0:06	115	0:05	321	-0:01	0:46 (7204)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-7 (CONTINUED)

AIRBORNE DELAYS DURING 1974 AND 1975
 CATERGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT IAX ==> SFO (CONTINUED)
 STAGE LENGTH = 337 ST. MILES

AIRLINE	AIRCRAFT	-----1974-----	-----1975-----	TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	#FLIGHTS	#FLIGHTS	AVG AIR	(DATE)
		AVG AIR	AVG AIR	AVG AIR	DFLAG	
		DELAY	DELAY	DELAY		
UA	760 L-1011	177	210	387	0:03	0146 (7204)
	802 R-707-100R	680	779	1459	0:05	0146 (7204)
	806 R-707-300	35	94	129	0:06	0146 (7204)
	808 R-707-300R	445	438	883	0:05	0146 (7204)
	809 R-707-300C	510	209	719	0:06	0146 (7204)
	816 B-747	166	215	381	0:06	0146 (7204)
	TOTAL	2324	2163	4487	0:05	0146 (7204)
	620 R-737-200	694	866	1560	0:08	0146 (7204)
	710 R-727-100	1634	2462	4096	0:05	0146 (7204)
	711 R-727-100C/RC	482	332	814	0:06	0146 (7204)
715 R-727-200	134	66	200	0:05	0146 (7204)	
730 DC-10-10	5	10	15	0:13	0146 (7204)	
816 B-747	3	9	12	0:08	0146 (7204)	
842 DC-8-20	187	276	463	0:06	0146 (7204)	
844 DC-A-30	15	15	30	0:08	0146 (7204)	
848 DC-A-50	53	136	189	0:04	0146 (7204)	
850 DC-8-50F	164	181	345	0:06	0146 (7204)	
851 DC-8-61	122	546	668	0:07	0146 (7204)	
854 DC-8-62	84	62	146	0:06	0146 (7204)	
TOTAL	5583	4946	10529	0:06	0146 (7204)	
WA	620 R-737-200	807	1058	1865	0:06	0146 (7204)
	715 R-727-200	542	1466	2008	0:04	0146 (7204)
	730 DC-10-10	1	1	2	0:03	0146 (7204)
	809 R-707-300C	39	145	184	0:04	0146 (7204)
	814 R-720-000R	192	694	886	0:04	0146 (7204)
TOTAL	1581	3364	4945	0:05	0146 (7204)	
ROUTE SUMMARY		10064	13935	23999	0:06	0146 (7204)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-8

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LGA ==> BOS STAGE LENGTH = 185 ST. MILES		1974		1975		CHANGE IN AVG AIR DELAY		NOMINAL TIME (DATE)	
AIRLTF	AIRCRAFT	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	AVG AIR DELAY	0126 (7212)	0126 (7212)
AA	710 B-727-100	862	0:07	1071	0:08	1933	0:01	0126 (7212)	0126 (7212)
	715 B-727-200	841	0:06	585	0:08	1426	0:02	0126 (7212)	0126 (7212)
	730 DC-10-10	109	0:10	144	0:07	253	-0:02		
	TOTAL	1812	0:07	1800	0:08	3612	0:01		
DL	640 DC-9-30	211	0:02	57	0:10	268	0:08	0126 (7212)	0126 (7212)
	715 B-727-200			244	0:07	244			
	TOTAL	211	0:02	301	0:08	512	0:06		
EA	550 L-188A-08/188C	2766	0:05	3099	0:05	5865	0:01	0155 (7201)	0126 (7212)
	640 DC-9-30	5720	0:07	4956	0:08	10676	0:01	0126 (7212)	0126 (7212)
	710 B-727-100	88	0:07	67	0:09	155	0:02	0126 (7212)	0126 (7212)
	711 B-727-100C/DC	26	0:06	43	0:10	69	0:04	0126 (7212)	0126 (7212)
	715 B-727-200	163	0:09	101	0:10	264	0:01	0126 (7212)	0126 (7212)
	760 L-1011			22	0:10	22			
	TOTAL	8763	0:07	8288	0:07	17051	0:01		
TW	630 DC-9-10			142	0:08	142		0126 (7212)	0126 (7212)
	710 B-727-100			1	0:08	1			
	TOTAL			143	0:08	143			
ROUTE SUMMARY		10786	0:07	10532	0:07	21318	0:01		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-9

AIRBORNE DELAYS DURING 1974 AND 1975

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> STL
STAGE LENGTH = 258 ST. MILES

AIRLINE	AIRCRAFT	-----1974-----		-----1975-----		TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)
AA	710 R-727-100	248	0:06	207	0:07	455	0:01	0:13R (7205)
	715 R-727-200	119	0:06	305	0:08	424	0:02	0:13R (7205)
	730 DC-10-10			1	0:01	1		0:13R (7205)
	802 R-707-100R	652	0:06	241	0:06	893	-0:00	0:13R (7205)
	808 R-707-300R	38	0:06	33	0:05	71	-0:01	0:13R (7205)
	809 R-707-300C	57	0:08	45	0:07	102	-0:01	0:13R (7205)
	TOTAL	1114	0:06	832	0:07	1946	0:01	
DL	640 DC-9-30	2612	0:04	2850	0:07	5462	0:03	0:13R (7205)
	710 R-727-100	114	0:04	1	0:00	115	-0:03	0:13R (7205)
	715 R-727-200	292	0:01	321	0:06	613	0:04	0:13R (7205)
	804 DC-8-30	2	0:08			2		0:13R (7205)
	808 DC-8-50	2	0:04	60	0:07	62	0:03	0:13R (7205)
	TOTAL	3022	0:03	3232	0:07	6254	0:03	
DZ	454 FH-227	2	0:06	3	0:26	5	0:20	1:05 (7212)
	630 DC-9-10	197	0:06	305	0:08	502	0:03	0:13R (7205)
	640 DC-9-30	921	0:06	1669	0:08	2590	0:02	0:13R (7205)
	TOTAL	1120	0:06	1977	0:08	3097	0:02	
ROUTE SUMMARY		5256	0:05	6041	0:07	11297	0:03	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-10

AIRBORNE DELAYS DURING 1974 AND 1975
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO ==> SEA
 STAGE LENGTH = 678 ST. MILES

AIRLTF	AIRCRAFT	-----1974-----	-----1975-----	TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	#FLIGHTS	#FLIGHTS	AVG AIR	(DATE)
		AVG AIR	AVG AIR	AVG AIR	DELAY	
		DELAY	DELAY	DELAY		
PA	808 B-707-300R	2	65	67	0:03	1:24 (7206)
	816 B-747	96	178	274	0:02	1:24 (7206)
	TOTAL	98	243	341	0:03	
UA	620 B-737-200	3	5	8	0:03	1:24 (7206)
	710 B-727-100	871	1569	2440	-0:01	1:24 (7206)
	711 B-727-100C/DC	369	416	785	0:00	1:24 (7206)
	715 B-727-200	13	88	101	0:02	1:24 (7206)
	730 DC-10-10	1	79	80	-0:10	1:24 (7206)
	816 B-747	1		1		1:24 (7206)
	842 DC-8-20	249	426	675	0:00	1:24 (7206)
	844 DC-8-30	7		7		1:24 (7206)
	848 DC-8-50	89	188	277	-0:01	1:24 (7206)
	850 DC-8-50F		23	23		1:24 (7206)
	851 DC-8-61	192	20	212	0:01	1:24 (7206)
	854 DC-8-62	17	3	20	-0:03	1:24 (7206)
	TOTAL	1812	2817	4629	-0:01	
WA	620 B-737-200	621	1173	1794	0:01	1:24 (7206)
	715 B-727-200	440	960	1400	0:01	1:24 (7206)
	809 B-707-300C	2		2		1:24 (7206)
	818 B-720-000R	148	60	208	0:00	1:24 (7206)
	TOTAL	1211	2193	3404	0:01	
ROUTE SUMMARY		3121	5253	8374	0:00	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

CHAPTER II. GROUND DELAYS

Chapter II is divided into two parts:

- Table II-1 shows the nominal ground times for departures and arrivals at 20 airports.

- Tables and Figures II-2-1 to II-2-20 illustrate average monthly departure and arrival ground delays and traffic activity during 1974 and 1975. These are shown for busy and dull intervals at 20 airports.

NOTE:

The Port Authority of New York/New Jersey did not supply the average hourly departure and arrival ground times for the three New York airports; Kennedy, La Guardia, and Newark for the months of November and December. These data were essential to the statistical model devised to generate an accurate series of ground times in both the departure and arrival direction for at each the 20 airports included in the study. Therefore, estimates for the average ground times are not shown for these two months.

TABLE II-1

NOMINAL GROUND TIMES

AIRPORT	DEPARTURE	ARRIVAL
ATI	8	4
BOS	9	2
CLE	7	3
DCA	9	5
DFW	3	2
DFW	6	3
DTW	8	5
FWR	9	4
JFK	15	7
LAX	9	5
LGA	8	4
MTA	7	2
MSP	5	2
MSY	4	2
ORD	9	5
PHI	7	2
PTT	2	2
SFA	6	2
SFO	8	3
STL	3	2

ALL TIMES ARE IN MINUTES

TABLE II-2-1

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT ATL

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:10	0:07	0:11	0:03
FEB	0:10	0:09	0:10	0:06
MAR	0:10	0:09	0:10	0:06
APR	0:11	0:09	0:10	0:06
MAY	0:11	0:12	0:11	0:07
JUN	0:12	0:12	0:11	0:07
JUL	0:12	0:11	0:11	0:07
AUG	0:12	0:10	0:11	0:07
SEP	0:11	0:12	0:12	0:07
OCT	0:11	0:09	0:12	0:07
NOV	0:11	0:09	*	*
DEC	0:10	0:08	*	*
TOTAL	0:11	0:10	0:11	0:07

NOMINAL GROUND TIME = 8.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 4.0 MINUTES FOR ARRIVALS

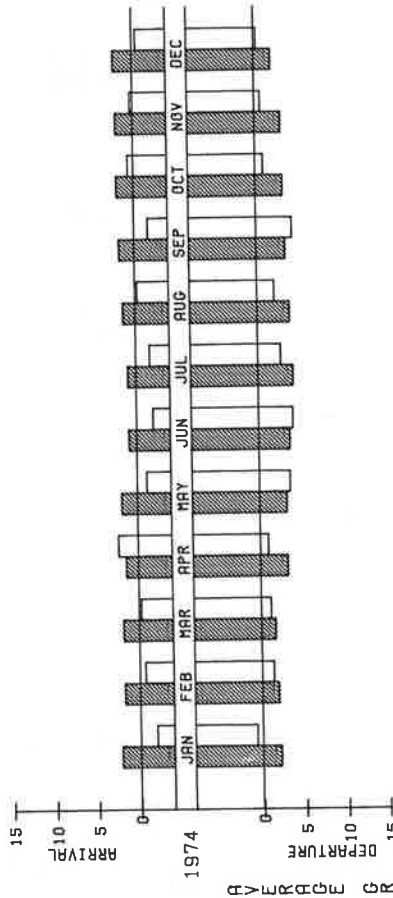
* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT ATL
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	1615	1791	3318	3385
FEB	3018	3194	3317	3501
MAR	3203	3384	3504	3786
APR	3078	3199	3398	3639
MAY	3225	3371	3788	3899
JUN	2967	3076	3535	3633
JUL	2950	3084	3537	3718
AUG	3850	3981	3728	3848
SEP	3219	3398	3247	3406
OCT	3145	3423	2984	3178
NOV	3399	3499	3676	3688
DEC	3122	3230	3113	3191
TOTAL	36811	38650	41149	42872

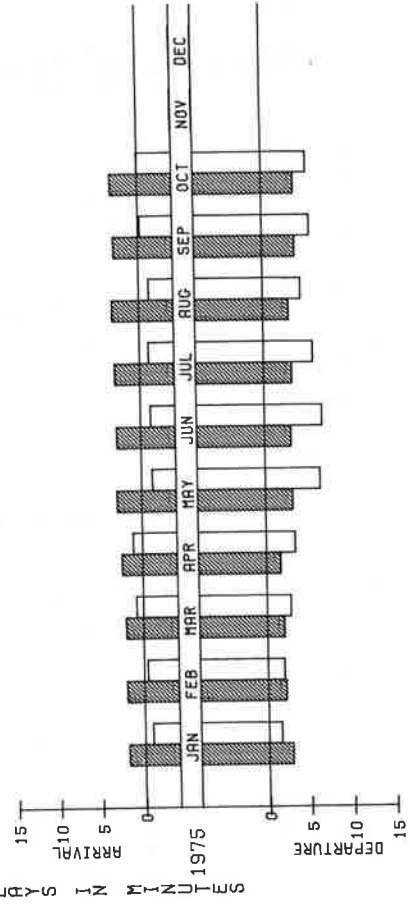
FIGURE II-2-1
ATL

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

BUSY
DULL

TABLE II-2-2

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT ROS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:10	0:14	0:09	0:05
FEB	0:11	0:11	0:10	0:06
MAR	0:09	0:12	0:09	0:05
APR	0:09	0:08	0:08	0:06
MAY	0:08	0:11	0:10	0:05
JUN	0:09	0:10	0:11	0:05
JUL	0:10	0:08	0:09	0:06
AUG	0:09	0:10	0:08	0:05
SEP	0:08	0:10	0:08	0:05
OCT	0:08	0:09	0:09	0:06
NOV	0:09	0:07	*	*
DEC	0:09	0:06	*	*
TOTAL	0:09	0:09	0:09	0:05

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

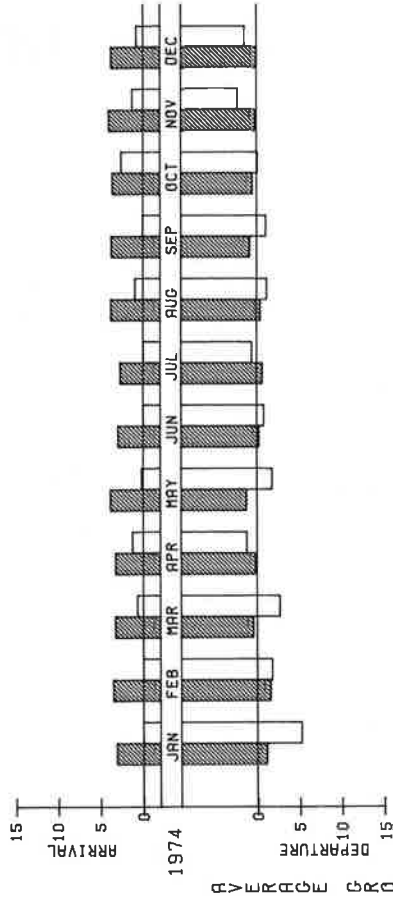
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT ROS
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	2221	27	3227	170
FEB	3551	100	3810	145
MAR	3774	95	4020	74
APR	3687	72	3862	69
MAY	3083	53	4301	94
JUN	3338	51	3581	71
JUL	3224	52	3592	74
AUG	4626	151	4430	103
SEP	3971	141	3751	97
OCT	4019	151	3755	105
NOV	4101	145	4088	147
DEC	3870	175	3316	132
TOTAL	43875	1222	46053	1281

FIGURE II-2-2

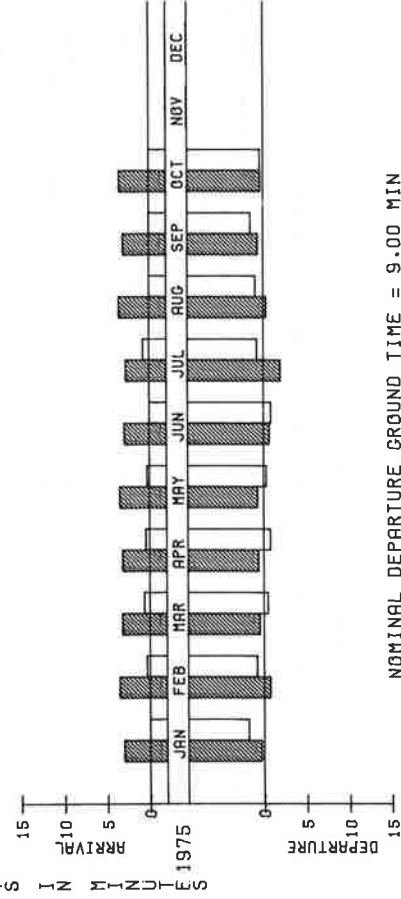
BOS

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

TABLE II-2-3

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT CLE

	1974		1975	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	0:06	0:09	0:06	0:08
FEB	0:08	0:11	0:06	0:10
MAR	0:06	0:07	0:05	0:06
APR	0:07	0:06	0:05	0:05
MAY	0:06	0:09	0:05	0:06
JUN	0:07	0:07	0:05	0:04
JUL	0:08	0:07	0:05	0:06
AUG	0:08	0:07	0:06	0:07
SEP	0:07	0:07	0:06	0:06
OCT	0:06	0:05	0:06	0:08
NOV	0:05	0:05	0:06	0:06
DEC	0:06	0:11	0:07	0:08
TOTAL	0:07	0:07	0:06	0:07

NOMINAL GROUND TIME = 7.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 3.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

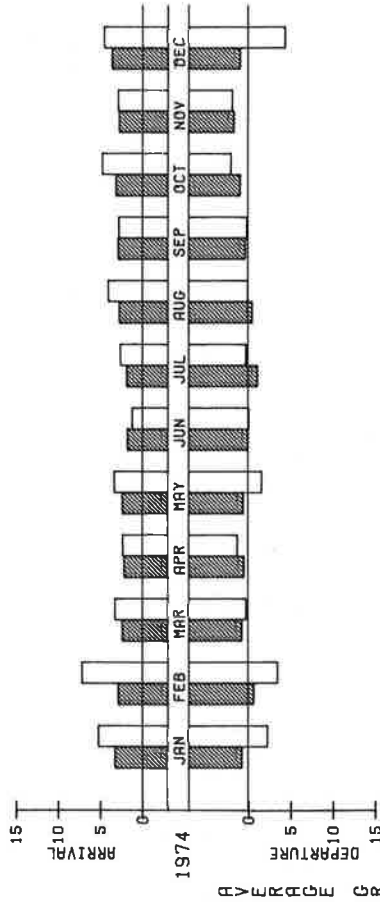
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT CLE
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	312	19	354	24
FEB	2302	60	2377	47
MAR	2506	70	2575	56
APR	2440	46	2466	38
MAY	1198	49	2685	27
JUN	967	46	2442	24
JUL	980	47	2016	26
AUG	3037	98	2667	49
SEP	2622	62	2367	19
OCT	2652	68	1981	23
NOV	2113	38	2630	18
DEC	1940	34	1859	19
TOTAL	23089	637	28839	370

FIGURE II-2-3

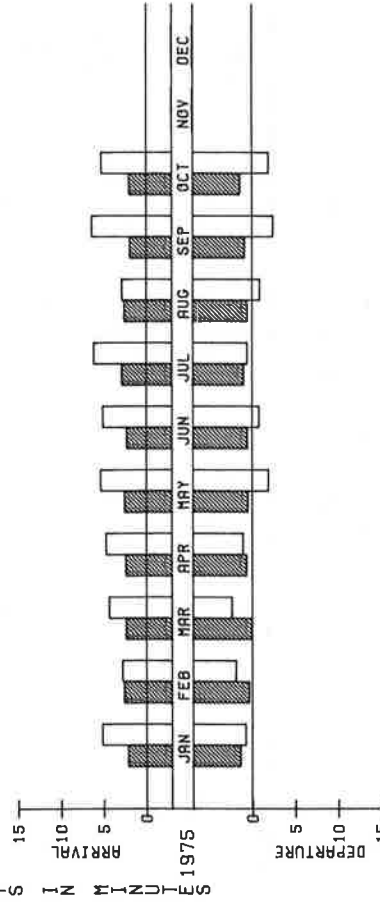
CLE

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

BUSY
DULL

TABLE II-2-4

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT DCA

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:07	0:04	0:08	0:05
FEB	0:07	0:04	0:08	0:05
MAR	0:07	0:05	0:07	0:05
APR	0:08	0:04	0:07	0:05
MAY	0:08	0:05	0:08	0:05
JUN	0:09	0:04	0:09	0:05
JUL	0:08	0:04	0:08	0:05
AUG	0:08	0:05	0:08	0:05
SEP	0:09	0:05	0:08	0:05
OCT	0:08	0:05	0:08	0:05
NOV	0:07	0:04	*	*
DEC	0:07	0:04	*	*
TOTAL	0:08	0:04	0:08	0:05

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DCA

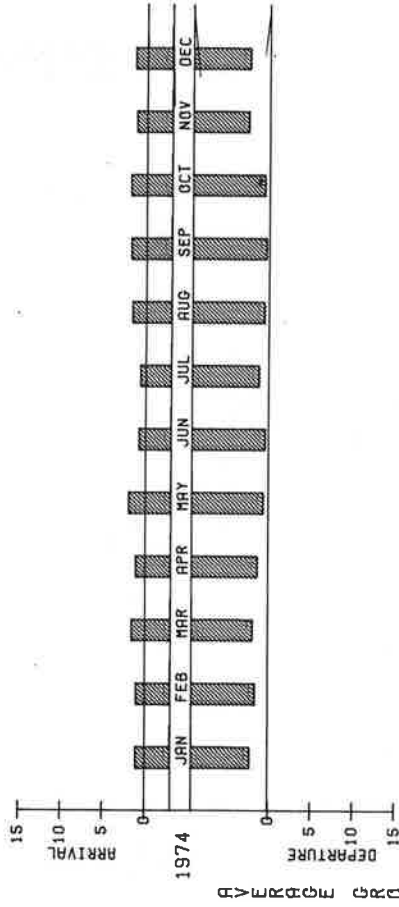
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	2020	2135	4007	3634
FEB	3615	3458	3782	3577
MAR	4009	3869	4204	3924
APR	3915	3608	4049	3820
MAY	3632	3593	4344	4170
JUN	3314	3106	3811	3764
JUL	3046	2935	3762	3723
AUG	4214	4065	4093	3971
SEP	3917	3769	3685	3647
OCT	4090	3935	3340	3278
NOV	3570	3379	3784	3756
DEC	3353	3219	3414	3284
TOTAL	42697	41111	46315	44753

FIGURE II-2-4

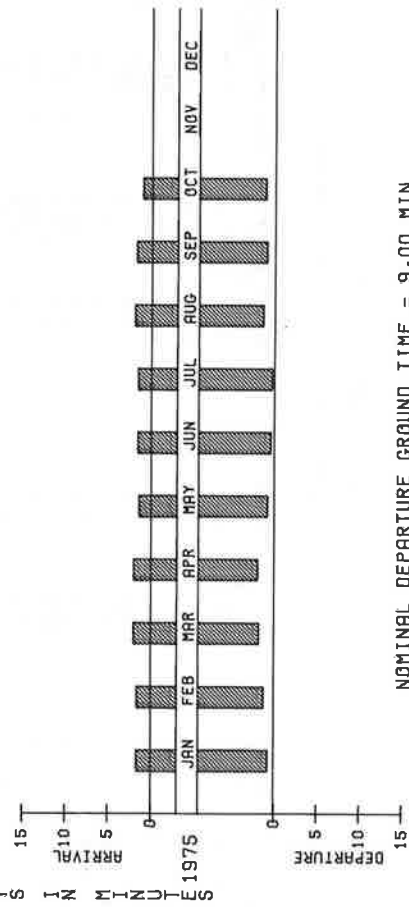
DCA

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

BUSY
DULL

TABLE II-2-5

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT DEN

	1974		1975	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	0:06	0:10	0:09	0:10
FEB	0:07	0:05	0:07	0:07
MAR	0:06	0:06	0:07	0:07
APR	0:06	0:04	0:07	0:07
MAY	0:05	0:07	0:07	0:07
JUN	0:07	0:09	0:07	0:06
JUL	0:07	0:08	0:08	0:06
AUG	0:07	0:09	0:08	0:06
SEP	0:07	0:13	0:07	0:05
OCT	0:07	0:06	0:08	0:06
NOV	0:07	0:07	0:08	0:06
DEC	0:07	0:08	0:08	0:06
TOTAL	0:07	0:07	0:07	0:07

NOMINAL GROUND TIME = 3.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

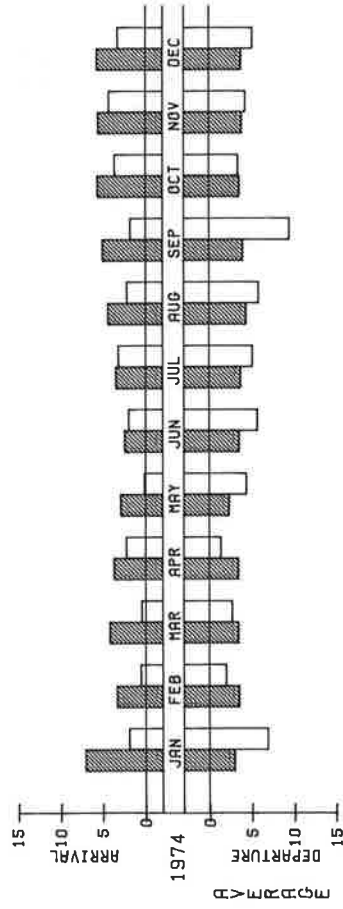
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DEN
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	429	30	2447	2446
FEB	2099	102	2552	2232
MAR	2501	106	2502	2436
APR	2221	101	2272	2240
MAY	968	75	2481	2446
JUN	890	48	2102	2072
JUL	910	51	2101	2133
AUG	2863	53	2807	2784
SEP	2472	51	2390	2463
OCT	2344	51	2405	2510
NOV	2201	46	2405	2433
DEC	2237	48	2023	2027
TOTAL	21979	762	28207	28266

FIGURE II-2-5

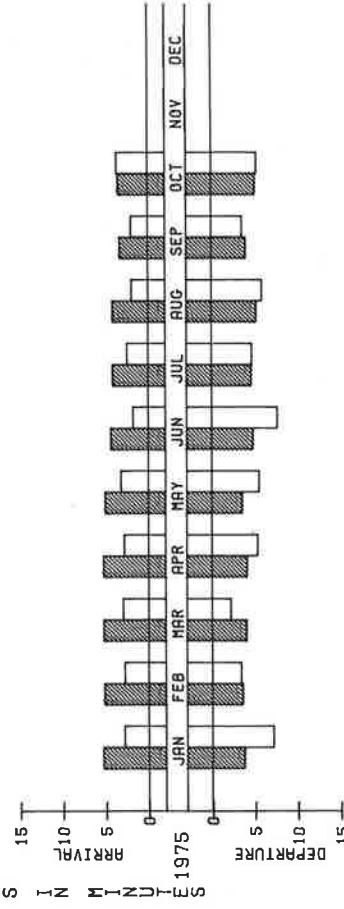
DEN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

TABLE II-2-6

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DULL INTERVALS FOR AIRPORT DFW

	1974		1975	
	DEPARTURES HUSY	ARRIVALS DULL	DEPARTURES HUSY	ARRIVALS DULL
JAN	0:09	0:11	0:06	0:07
FEB	0:08	0:07	0:07	0:06
MAR	0:09	0:06	0:07	0:06
APR	0:07	0:08	0:07	0:06
MAY	0:09	0:08	0:07	0:06
JUN	0:08	0:08	0:07	0:06
JUL	0:08	0:08	0:07	0:06
AUG	0:08	0:09	0:07	0:06
SEP	0:07	0:07	0:08	0:06
OCT	0:07	0:07	0:08	0:06
NOV	0:07	0:07	0:08	0:06
DEC	0:07	0:08	0:07	0:06
TOTAL	0:08	0:08	0:07	0:06

OPTIMAL GROUND TIME = 6.0 MINUTES FOR DEPARTURES

OPTIMAL GROUND TIME = 3.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DFW

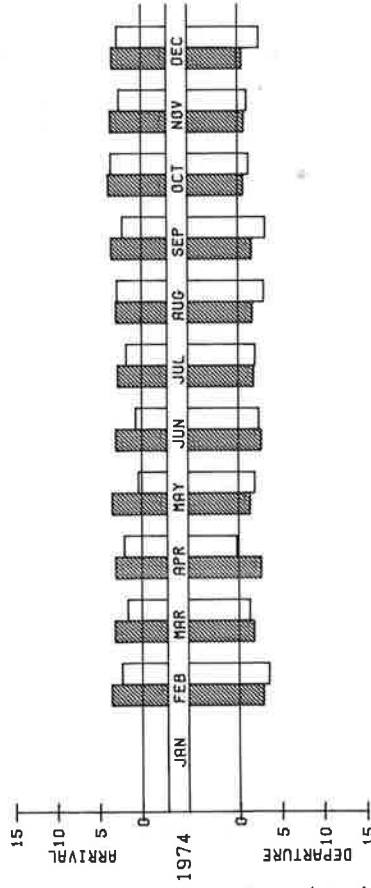
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES HUSY	ARRIVALS DULL	DEPARTURES HUSY	ARRIVALS DULL
JAN	0	0	2897	271
FEB	2707	240	3001	513
MAR	2819	262	3112	350
APR	2693	233	3007	348
MAY	3253	288	3528	325
JUN	2922	290	2881	202
JUL	2865	321	2952	201
AUG	3566	397	3515	351
SEP	2990	513	2986	198
OCT	3100	525	2957	154
NOV	3309	295	3279	229
DEC	3028	295	3216	177
TOTAL	33272	3259	37171	3099

FIGURE II-2-6

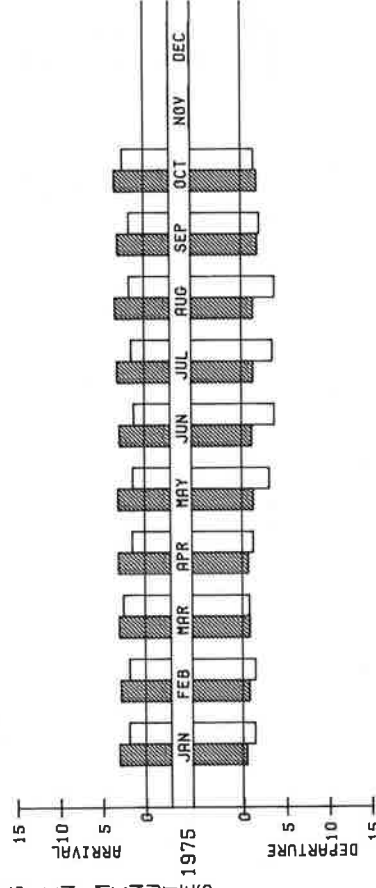
DFW

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

BUSY
DULL

TABLE II-2-7

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT DTW

	1974		1975	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	0:08	0:09	0:06	0:10
FEB	0:08	0:08	0:06	0:08
MAR	0:07	0:07	0:06	0:08
APR	0:06	0:05	0:06	0:07
MAY	0:06	0:07	0:06	0:06
JUN	0:08	0:09	0:06	0:06
JUL	0:08	0:10	0:05	0:06
AUG	0:09	0:09	0:06	0:06
SEP	0:08	0:09	0:07	0:06
OCT	0:07	0:08	0:07	0:05
NOV	0:07	0:06	0:07	*
DEC	0:07	0:06	0:07	*
TOTAL	0:07	0:08	0:06	0:06

NOMINAL GROUND TIME = 8.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 3.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DTW

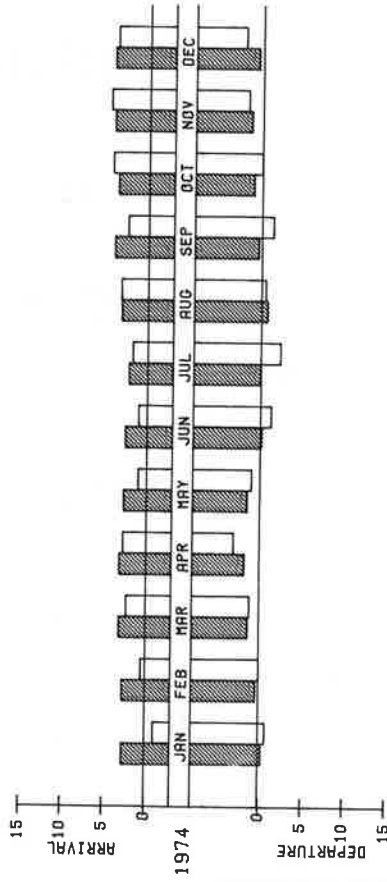
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	824	904	2669	2407
FEB	2384	2362	2570	2557
MAR	2620	2523	2672	2712
APR	2098	2433	2448	2533
MAY	2202	2146	2949	2773
JUN	1855	1752	2382	2385
JUL	1772	1720	2408	2367
AUG	3418	3292	3042	2924
SEP	2809	2686	2997	2573
OCT	2716	2638	1681	1716
NOV	1970	1877	2852	2744
DEC	1721	1557	2465	2390
TOTAL	26789	25860	30735	30081

FIGURE II-2-7

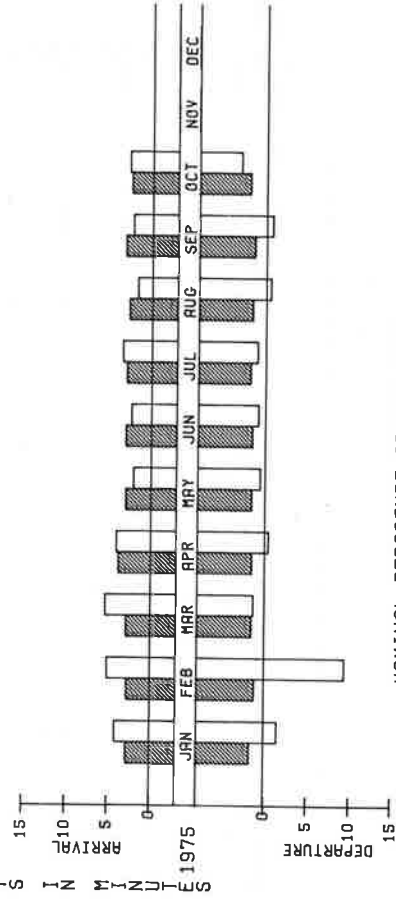
DTW

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

BUSY
DULL

TABLE II-2-8

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT EWR

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:10	0:17	0:09	0:12
FEB	0:10	0:12	0:08	0:07
MAR	0:09	0:13	0:08	0:08
APR	0:10	0:10	0:08	0:07
MAY	0:10	0:13	0:08	0:06
JUN	0:11	0:14	0:08	0:06
JUL	0:11	0:11	0:08	0:05
AUG	0:11	0:10	0:09	0:04
SEP	0:11	0:08	0:08	0:06
OCT	0:10	0:11	0:09	0:08
NOV	0:10	0:12	0:09	0:12
DEC	0:10	0:11	*	*
TOTAL	0:10	0:11	0:10	0:11

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 4.0 MINUTES FOR ARRIVALS

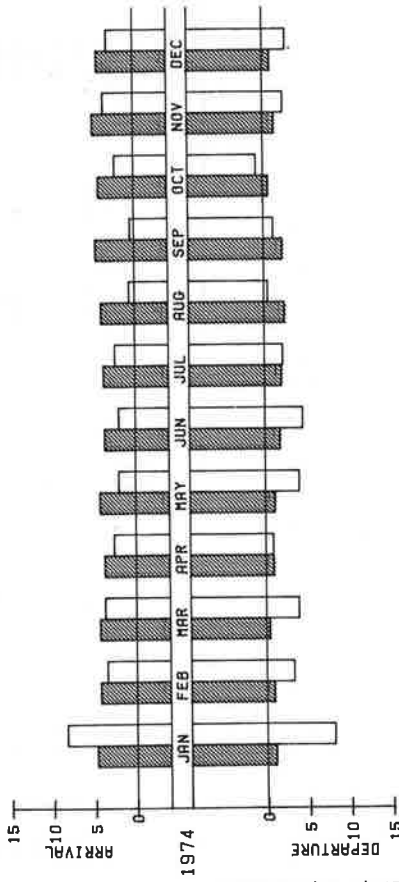
* SEE PAGE FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT EWR
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	567	20	1909	80
FEB	1896	125	2156	71
MAR	2117	118	2348	83
APR	2070	91	2185	117
MAY	1540	73	2390	108
JUN	1384	72	2051	88
JUL	1309	72	1986	139
AUG	2004	151	2336	127
SEP	2118	132	1929	89
OCT	2150	148	1715	100
NOV	2058	101	2336	105
DEC	1848	72	1981	88
TOTAL	21461	1171	23322	1151

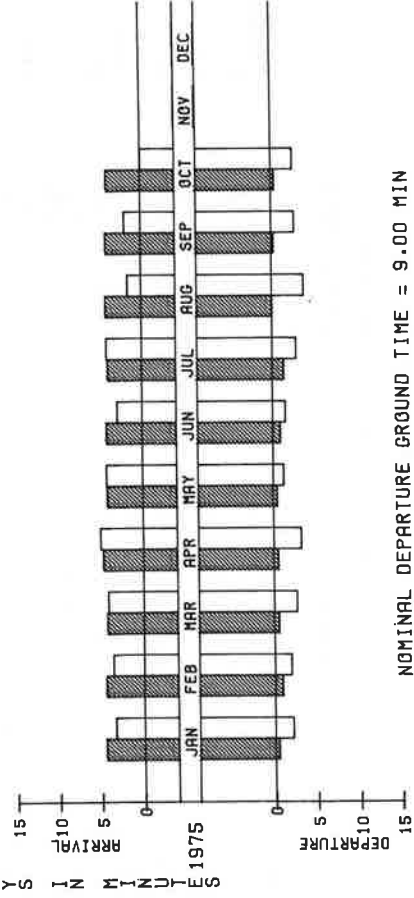
FIGURE II-2-8
EWR

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

BUSY
DULL

TABLE II-2-9

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT JFK

	1974		1975	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	0:16	0:17	0:17	0:16
FEB	0:17	0:18	0:18	0:17
MAR	0:15	0:16	0:16	0:15
APR	0:16	0:17	0:16	0:15
MAY	0:16	0:17	0:16	0:15
JUN	0:19	0:19	0:18	0:17
JUL	0:21	0:19	0:20	0:18
AUG	0:20	0:16	0:19	0:17
SEP	0:18	0:18	0:18	0:17
OCT	0:17	0:14	0:18	0:17
NOV	0:18	0:15	0:17	0:15
DEC	0:17	0:16	*	*
TOTAL	0:17	0:17	0:18	0:16

NOMINAL GROUND TIME = 15.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 7.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT JFK

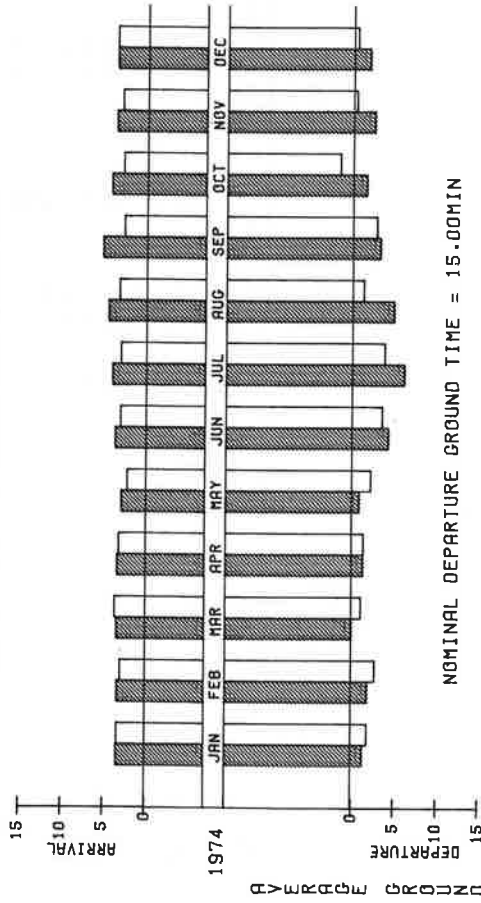
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	820	92	1782	506
FEB	1899	392	1970	482
MAR	2012	386	2062	488
APR	1830	369	1955	450
MAY	1305	279	2364	464
JUN	1215	286	2168	421
JUL	1103	276	2230	424
AUG	2196	557	2621	431
SEP	1903	457	1920	334
OCT	1906	487	1788	307
NOV	1756	469	1994	353
DEC	1693	450	1695	292
TOTAL	19642	4509	20549	4943

FIGURE II-2-9

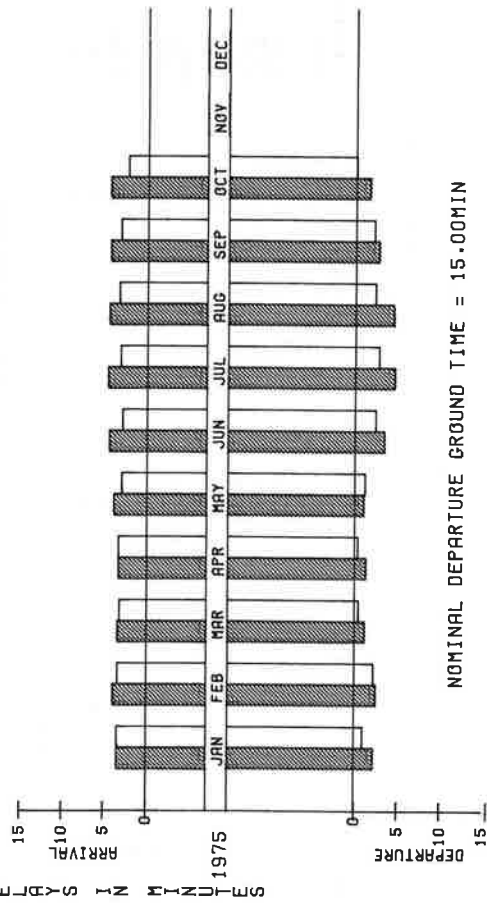
JFK

NOMINAL ARRIVAL GROUND TIME = 7.00 MIN



NOMINAL DEPARTURE GROUND TIME = 15.00MIN

NOMINAL ARRIVAL GROUND TIME = 7.00 MIN



NOMINAL DEPARTURE GROUND TIME = 15.00MIN

BUSY
DULL

TABLE II-2-10

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT LAX

	1974		1975	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	0:11	0:11	0:10	0:11
FEB	0:09	0:11	0:10	0:11
MAR	0:09	0:12	0:10	0:11
APR	0:09	0:11	0:09	0:11
MAY	0:10	0:13	0:09	0:12
JUN	0:12	0:13	0:09	0:13
JUL	0:10	0:11	0:10	0:12
AUG	0:10	0:13	0:10	0:13
SEP	0:10	0:13	0:10	0:12
OCT	0:10	0:11	0:10	0:12
NOV	0:10	0:11	0:10	0:12
DEC	0:10	0:12	0:10	0:12
TOTAL	0:10	0:12	0:10	0:12

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 3.0 MINUTES FOR ARRIVALS

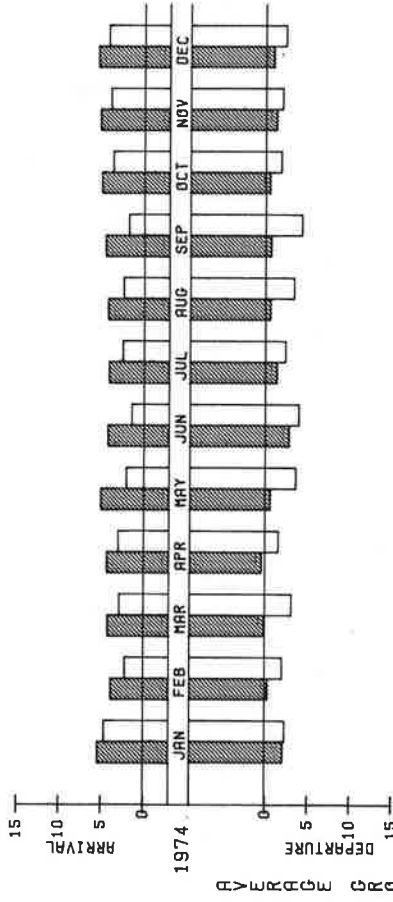
* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT LAX
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	834	153	3273	531
FEB	3092	487	3126	590
MAR	3296	482	3407	613
APR	3080	402	3198	596
MAY	1470	254	3377	548
JUN	1368	216	3148	528
JUL	1334	224	3256	566
AUG	3892	741	3863	717
SEP	3478	605	3268	608
OCT	3400	586	3142	571
NOV	2768	527	3388	611
DEC	2853	461	2816	613
TOTAL	30863	5138	39263	7093

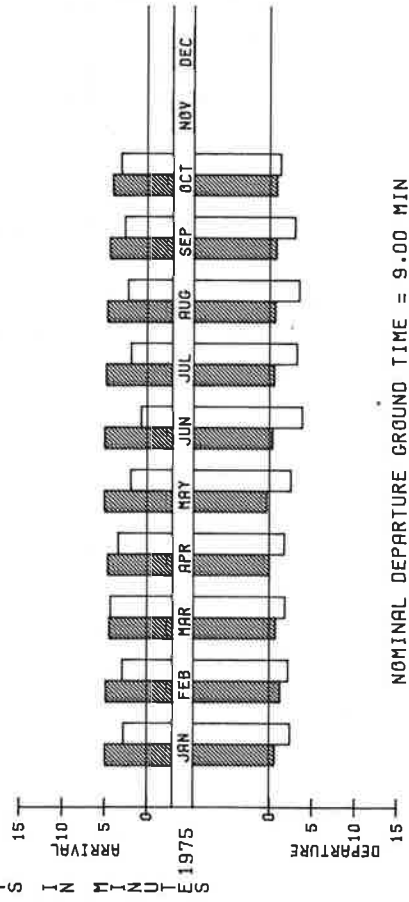
FIGURE II-2-10
LAX

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

TABLE II-2-11

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT LGA

	-----1974-----		-----1975-----	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:13	0:10	0:14	0:08
FEB	0:14	0:11	0:14	0:08
MAR	0:13	0:11	0:13	0:08
APR	0:13	0:10	0:13	0:08
MAY	0:14	0:11	0:14	0:08
JUN	0:15	0:11	0:16	0:09
JUL	0:16	0:11	0:16	0:09
AUG	0:16	0:15	0:15	0:08
SEP	0:17	0:16	0:15	0:08
OCT	0:16	0:16	0:14	0:07
NOV	0:15	0:09	*	*
DEC	0:14	0:12	*	*
TOTAL	0:15	0:12	0:14	0:08

NOMINAL GROUND TIME = 8.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 4.0 MINUTES FOR ARRIVALS

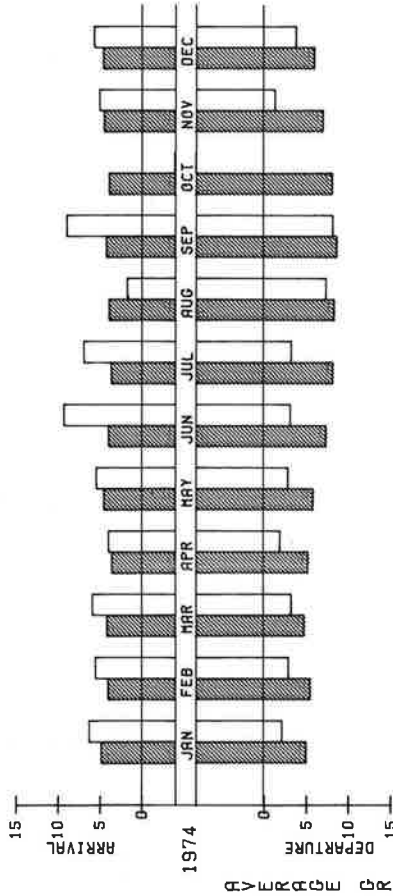
* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT LGA
TO AND FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	2848	2926	4660	4500
FEB	4330	4353	4308	4220
MAR	4767	4720	4800	4621
APR	4792	4763	4768	4529
MAY	4014	4024	5113	5053
JUN	3709	3619	4495	4554
JUL	3511	3195	4389	4400
AUG	5080	5114	4948	4946
SEP	4608	4679	4635	4667
OCT	4813	4878	4670	4707
NOV	4629	4627	4892	4944
DEC	4452	4362	4282	4305
TOTAL	51553	51260	55960	55046

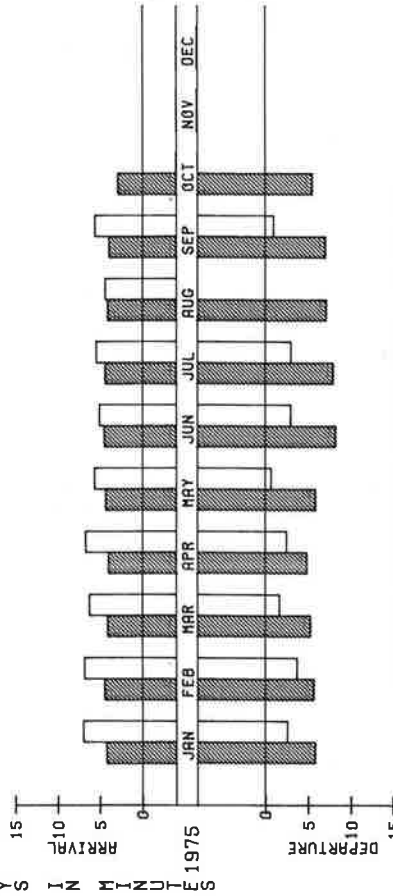
FIGURE II-2-11
LGA

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

TABLE II-2-12

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT MIA

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:10	0:10	0:09	0:07
FEB	0:09	0:08	0:09	0:07
MAR	0:10	0:06	0:09	0:06
APR	0:10	0:07	0:09	0:06
MAY	0:09	0:06	0:08	0:06
JUN	0:08	0:05	0:08	0:06
JUL	0:08	0:05	0:08	0:05
AUG	0:08	0:06	0:08	0:06
SEP	0:08	0:06	0:08	0:06
OCT	0:08	0:06	0:08	0:05
NOV	0:08	0:07	0:08	0:05
DEC	0:08	0:07	0:08	0:06
TOTAL	0:09	0:06	0:08	0:06

NOMINAL GROUND TIME = 7.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

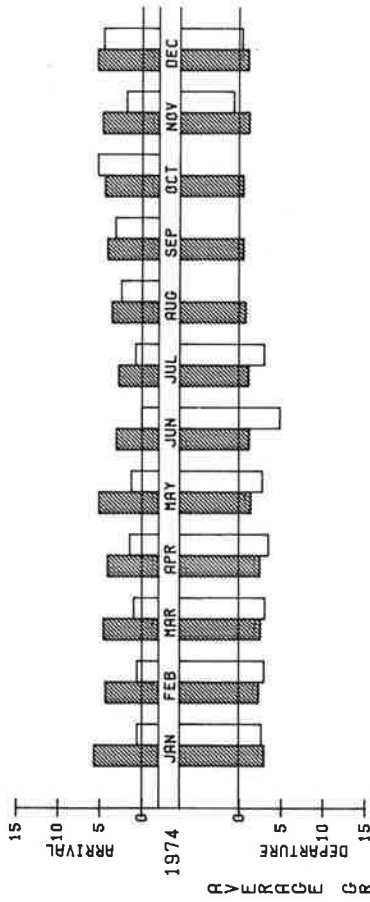
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT MIA
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	1551	1466	2253	2267
FEB	2258	2232	2357	2366
MAR	2508	2523	2521	2638
APR	2416	2426	2364	2404
MAY	2301	2355	2488	2431
JUN	2224	2202	2332	2367
JUL	1975	1967	2377	2407
AUG	2068	2123	2440	2416
SEP	1756	1873	1708	1668
OCT	1785	1925	1603	1552
NOV	1705	1809	1912	1919
DEC	1656	1714	1687	1725
TOTAL	24373	24655	24046	26180

FIGURE II-2-12

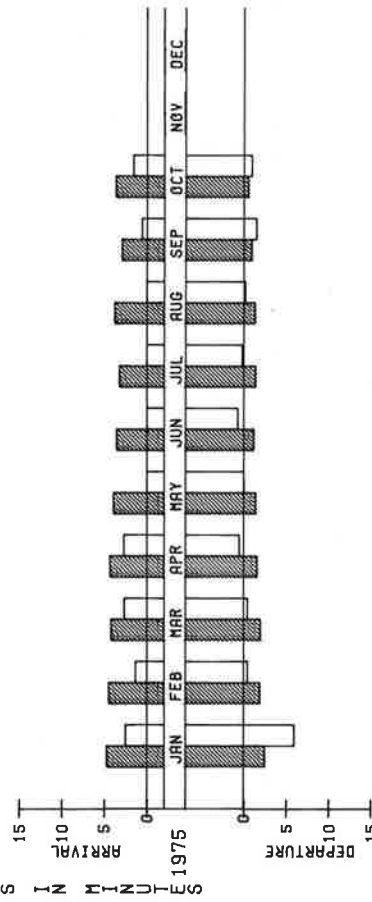
MIA

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

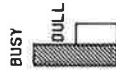


TABLE II-2-13

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT MSP

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:05	0:05	0:09	0:06
FEB	0:09	0:05	0:08	0:06
MAR	0:08	0:05	0:08	0:05
APR	0:08	0:06	0:07	0:06
MAY	0:10	0:06	0:09	0:05
JUN	0:09	0:04	0:09	0:06
JUL	0:09	0:07	0:09	0:06
AUG	0:08	0:05	0:07	0:05
SEP	0:07	0:05	0:09	0:06
OCT	0:07	0:05	0:05	0:04
NOV	0:05	0:06	*	*
DEC	0:05	0:04	*	*
TOTAL	0:08	0:06	0:08	0:05

NOMINAL GROUND TIME = 5.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT MSP

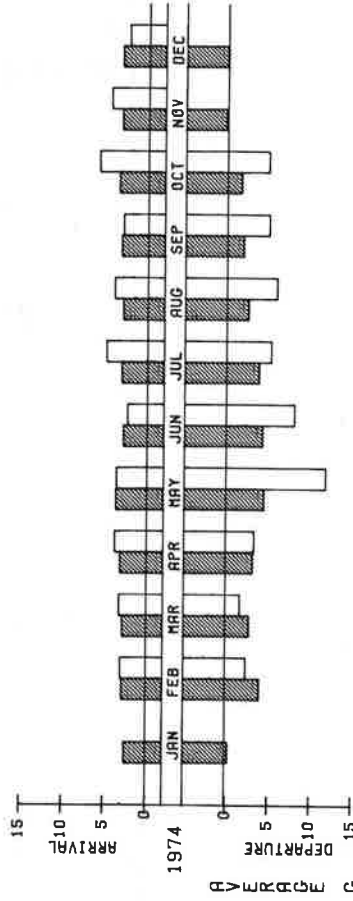
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	180	174	1930	1978
FEB	1876	1764	2018	2008
MAR	2083	1980	2219	2199
APR	2005	1874	2048	2086
MAY	1558	1465	2172	2120
JUN	1301	1151	2042	1967
JUL	1339	1152	2071	2019
AUG	2550	2246	2076	2015
SEP	2142	2057	2034	2004
OCT	2175	2136	1035	1006
NOV	501	585	2066	1997
DEC	593	601	1852	1936
TOTAL	18191	17163	23503	23335

FIGURE II-2-13

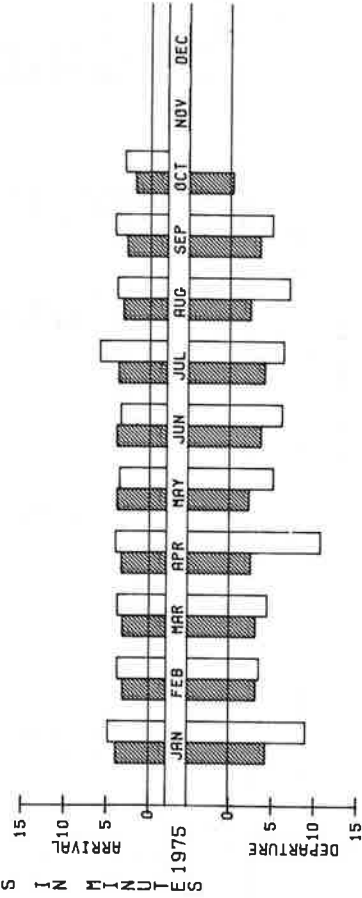
MSP

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 5.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 5.00 MIN

BUSY
IDLE

TABLE II-2-14

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT MSY

	-----1974-----		-----1975-----	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	0:05	0:07	0:04	0:09
FEB	0:05	0:07	0:04	0:10
MAR	0:05	0:07	0:04	0:10
APR	0:06	0:05	0:05	0:08
MAY	0:06	0:08	0:06	0:10
JUN	0:04	0:11	0:05	0:02
JUL	0:04	0:09	0:04	0:03
AUG	0:04	0:04	0:06	0:03
SEP	0:03	0:10	0:06	0:04
OCT	0:03	0:03	0:05	0:02
NOV	0:04	0:04	0:05	0:02
DEC	0:03	0:05	0:06	0:02
TOTAL	0:04	0:07	0:05	0:03

NOMINAL GROUND TIME = 4.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT MSY

TO AND FROM 19 STUDY AIRPORTS

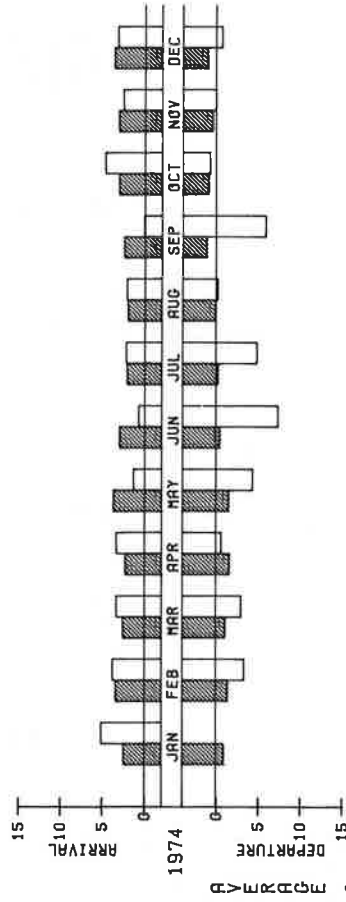
	-----1974-----		-----1975-----	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	610	0	1254	26
FEB	1119	26	1281	25
MAR	1105	31	1396	5
APR	985	30	1328	3
MAY	1333	59	1357	30
JUN	1130	30	1304	0
JUL	1053	14	1221	0
AUG	1227	31	1355	50
SEP	994	29	1011	34
OCT	1039	30	987	34
NOV	1214	41	1190	37
DEC	1134	14	991	24
TOTAL	12943	335	14679	272

ARRIVALS		ARRIVALS	
BUSY	DULL	BUSY	DULL
1186	129	1186	129
1224	82	1224	82
1292	82	1292	82
1220	81	1220	81
1372	110	1372	110
1281	68	1281	68
1197	60	1197	60
1344	112	1344	112
1066	65	1066	65
1074	39	1074	39
1226	99	1226	99
1050	86	1050	86
14532	1013	14532	1013

FIGURE II-2-14

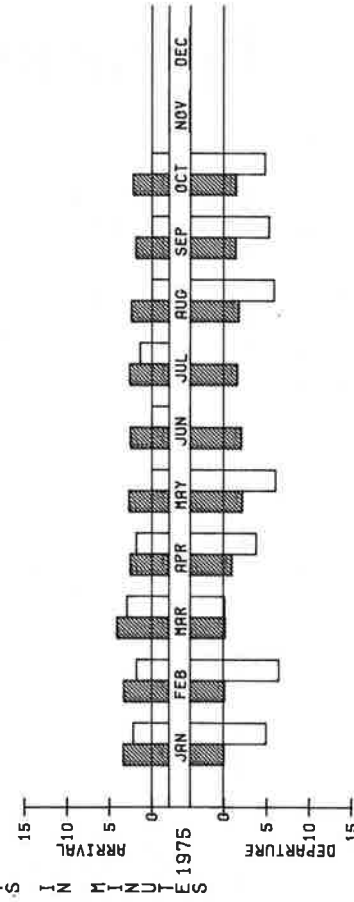
MSY

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 4.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 4.00 MIN

TABLE II-2-15

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT ORD

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:13	0:11	0:13	0:09
FEB	0:13	0:11	0:14	0:09
MAR	0:14	0:11	0:13	0:09
APR	0:14	0:09	0:14	0:09
MAY	0:14	0:12	0:14	0:08
JUN	0:15	0:10	0:14	0:09
JUL	0:15	0:08	0:13	0:09
AUG	0:16	0:12	0:14	0:09
SEP	0:20	0:12	0:13	0:09
OCT	0:16	0:08	0:14	0:08
NOV	0:13	0:08	*	*
DEC	0:13	0:07	*	*
TOTAL	0:15	0:10	0:14	0:09

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

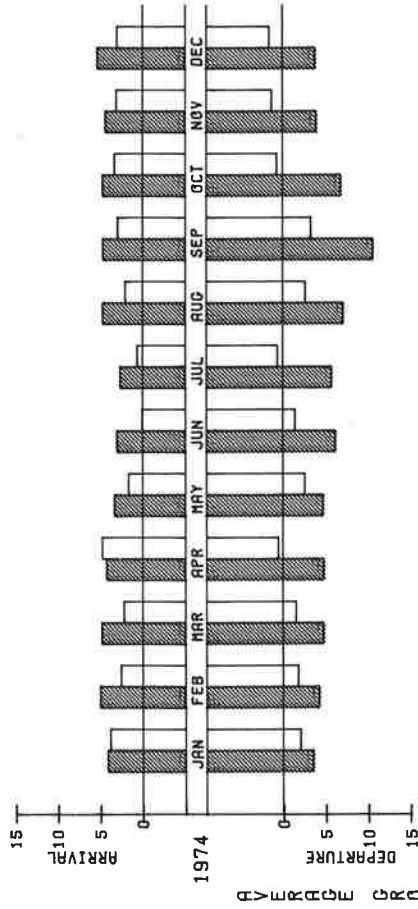
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT ORD
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	2300	99	2261	489
FEB	6793	460	7543	484
MAR	7288	501	8030	482
APR	6912	435	7197	457
MAY	4402	316	8387	397
JUN	3584	268	6979	377
JUL	3399	240	6498	387
AUG	9004	751	8777	399
SEP	7637	638	7490	350
OCT	7514	683	6460	248
NOV	7104	347	8056	433
DEC	6428	349	6602	356
TOTAL	72374	5087	86679	4860

FIGURE II-2-15

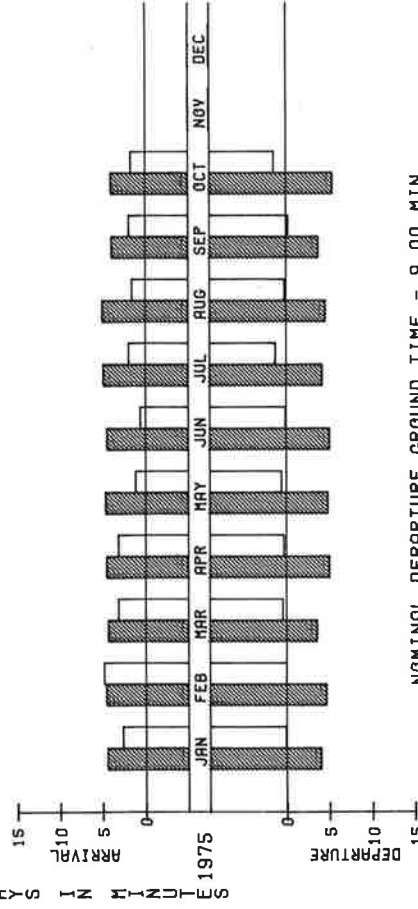
ORD

NOMINAL ARRIVAL GROUND TIME = 5.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 5.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

BUSY
DULL

TABLE II-2-16

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT PHL

	1974		1975	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	0:07	0:08	0:09	0:07
FEB	0:09	0:09	0:09	0:07
MAR	0:08	0:08	0:09	0:07
APR	0:08	0:07	0:08	0:07
MAY	0:07	0:09	0:09	0:08
JUN	0:08	0:09	0:10	0:09
JUL	0:09	0:10	0:10	0:07
AUG	0:11	0:11	0:10	0:09
SEP	0:10	0:08	0:10	0:07
OCT	0:08	0:08	0:09	0:07
NOV	0:08	0:07	0:09	0:07
DEC	0:07	0:08	0:09	0:07
TOTAL	0:09	0:09	0:09	0:08

NOMINAL GROUND TIME = 7.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT PHL

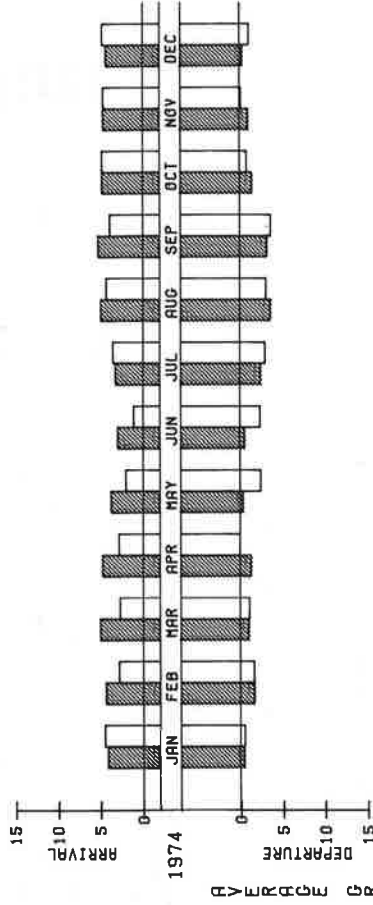
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	1180	37	3037	185
FEB	2703	139	2754	254
MAR	2603	164	2523	238
APR	2401	103	2367	202
MAY	2319	84	2704	273
JUN	2057	80	2670	194
JUL	1997	82	3089	193
AUG	3451	246	2730	284
SEP	3125	194	2441	202
OCT	3190	205	2893	174
NOV	2891	200	2435	170
DEC	2924	181	2435	108
TOTAL	30845	1715	32707	2477

FIGURE II-2-16

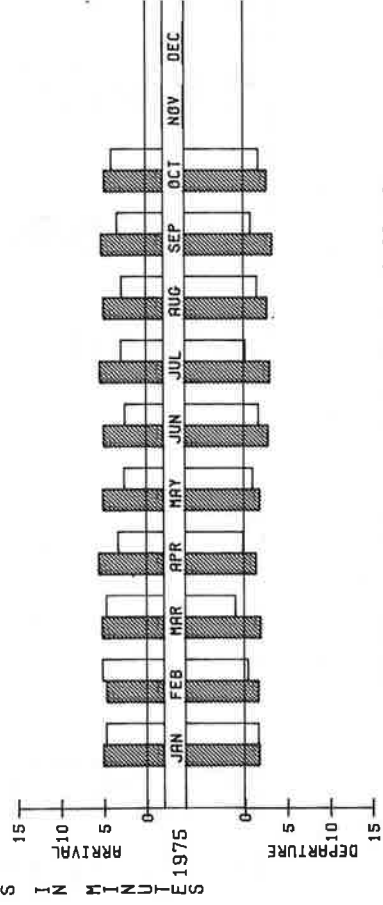
PHL

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

BUSY
DULL

TABLE II-2-17

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT PIT

	1974		1975	
	DEPARTURES BUSY	ARRIVALS DULL	DEPARTURES BUSY	ARRIVALS DULL
JAN	0:03	0:02	0:05	0:05
FEB	0:05	0:02	0:05	0:02
MAR	0:05	0:03	0:06	0:05
APR	0:05	0:05	0:05	0:03
MAY	0:04	0:05	0:04	0:05
JUN	0:05	0:05	0:05	0:05
JUL	0:05	0:04	0:06	0:03
AUG	0:06	0:03	0:05	0:04
SEP	0:07	0:03	0:05	0:02
OCT	0:05	0:02	0:05	0:04
NOV	0:05	0:02	0:05	0:02
DEC	0:05	0:03	*	*
TOTAL	0:05	0:03	0:05	0:04

NOMINAL GROUND TIME = 2.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

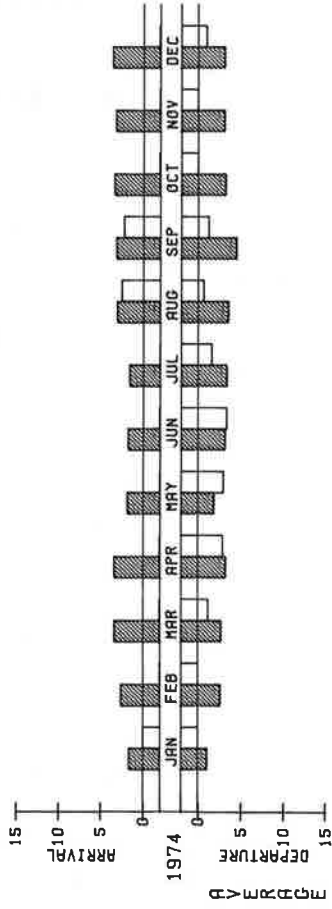
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT PIT
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY	ARRIVALS DULL	DEPARTURES BUSY	ARRIVALS DULL
JAN	1144	32	3235	6
FEB	2808	27	3124	55
MAR	2530	31	2927	62
APR	2425	30	2734	28
MAY	1946	31	3502	61
JUN	1827	30	2973	30
JUL	1860	30	3041	29
AUG	3878	31	3560	31
SEP	3546	30	3347	30
OCT	3664	31	3112	31
NOV	3240	27	3293	27
DEC	3181	28	2858	25
TOTAL	32049	358	37710	415

FIGURE II-2-17

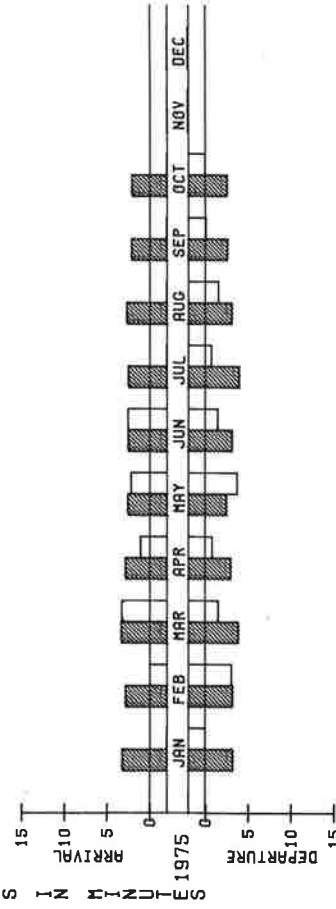
PIT

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 2.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 2.00 MIN

BUSY
DULL

TABLE II-2-18

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT SFA

	1974		1975	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	0:05	0:08	0:07	0:06
FEB	0:07	0:05	0:07	0:05
MAR	0:06	0:05	0:07	0:04
APR	0:06	0:05	0:06	0:06
MAY	0:08	0:07	0:06	0:05
JUN	0:10	0:06	0:07	0:05
JUL	0:09	0:07	0:07	0:06
AUG	0:08	0:06	0:07	0:05
SEP	0:06	0:05	0:07	0:05
OCT	0:07	0:06	0:07	0:06
NOV	0:06	0:05	0:07	0:05
DEC	0:07	0:05	*	*
TOTAL	0:07	0:05	0:07	0:05

NOMINAL GROUND TIME = 6.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

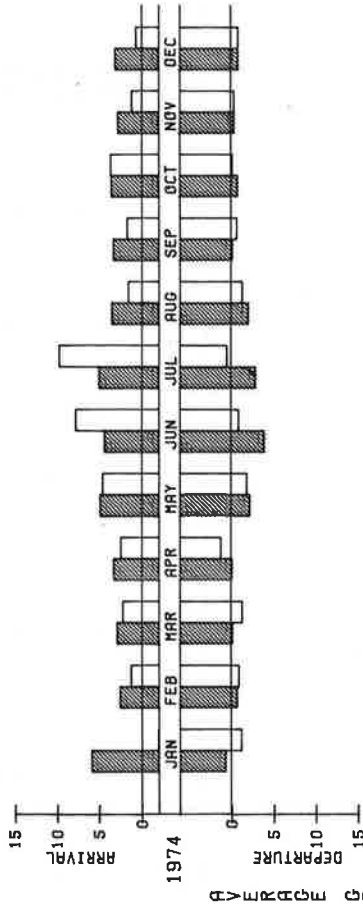
* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT SFA
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	99	69	1195	1288
FEB	1041	1099	1067	1190
MAR	1157	1220	1172	1299
APR	1109	1164	1132	1243
MAY	312	431	1253	1394
JUN	247	393	1178	1332
JUL	256	423	1184	1332
AUG	1408	1561	1320	1511
SEP	1175	1412	1211	1334
OCT	1166	1389	1122	1180
NOV	742	889	1122	1323
DEC	782	877	1188	953
TOTAL	9054	10927	13893	15379

FIGURE II-2-18
SEA

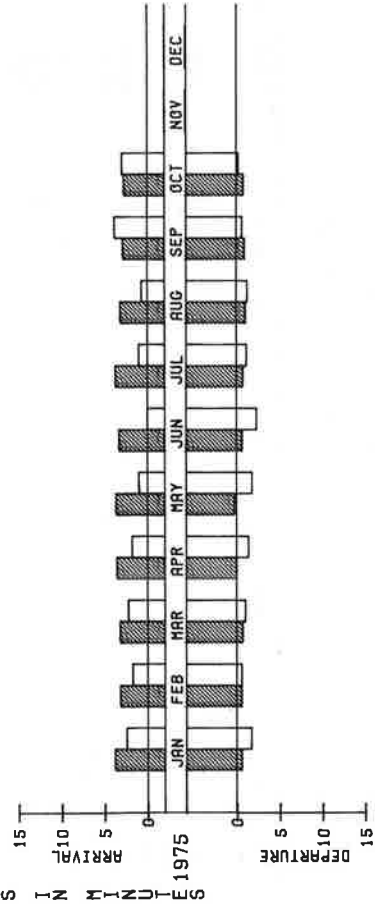
NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



BUSY
DULL

NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

TABLE II-2-19

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT SFU

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:15	0:13	0:08	0:04
FEB	0:09	0:09	0:06	0:03
MAR	0:09	0:08	0:06	0:03
APR	0:09	0:07	0:06	0:04
MAY	0:10	0:14	0:07	0:04
JUN	0:10	0:13	0:05	0:04
JUL	0:11	0:11	0:07	0:06
AUG	0:13	0:10	0:06	0:04
SEP	0:11	0:09	0:06	0:03
OCT	0:10	0:08	0:07	0:05
NOV	0:10	0:09	0:06	0:05
DEC	0:10	0:09	0:07	0:05
TOTAL	0:10	0:09	0:06	0:04

NOMINAL GROUND TIME = 8.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 3.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT SFU

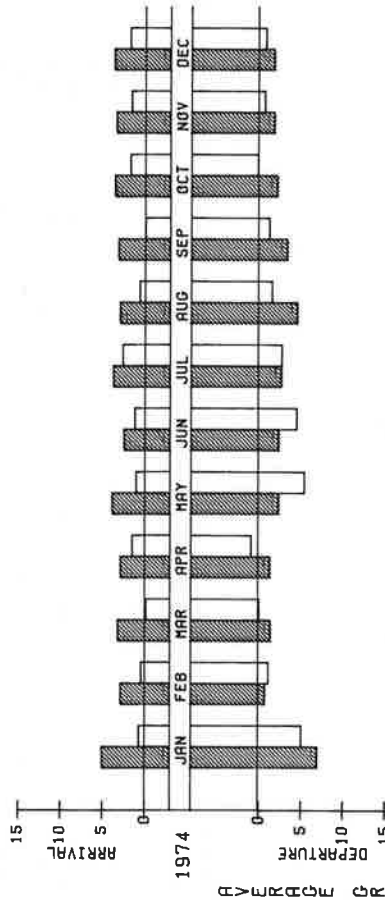
TO AND FROM 19 STUDY AIRPORTS

	1974		1975	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	366	53	508	7
FEB	2619	337	2649	299
MAR	2707	307	5013	284
APR	2550	326	2867	244
MAY	803	117	983	92
JUN	772	118	913	102
JUL	738	117	831	104
AUG	3361	407	3662	467
SEP	2976	308	3142	335
OCT	2928	386	3111	334
NOV	2145	294	2406	265
DEC	2142	269	2351	276
TOTAL	24177	3209	26476	2810

FIGURE II-2-19

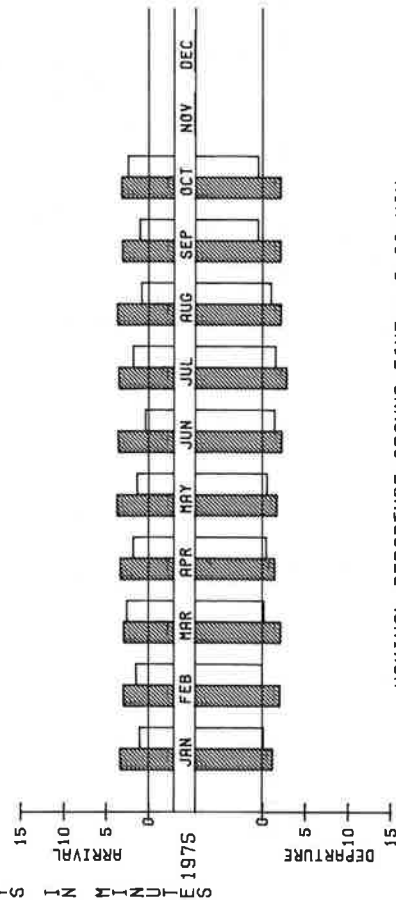
SFO

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

BUSY
IDULL

TABLE II-2-20

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT STL

	-----1974-----		-----1975-----	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	0:08	0:06	0:07	0:05
FEB	0:07	0:05	0:07	0:06
MAR	0:08	0:09	0:07	0:06
APR	0:07	0:08	0:07	0:05
MAY	0:05	0:04	0:07	0:05
JUN	0:06	0:03	0:07	0:04
JUL	0:07	0:02	0:06	0:04
AUG	0:09	0:05	0:07	0:05
SEP	0:08	0:07	0:07	0:06
OCT	0:07	0:04	0:07	0:04
NOV	0:07	0:05	*	*
DEC	0:07	0:06	*	*
TOTAL	0:07	0:05	0:07	0:05

NOMINAL GROUND TIME = 3.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT STL

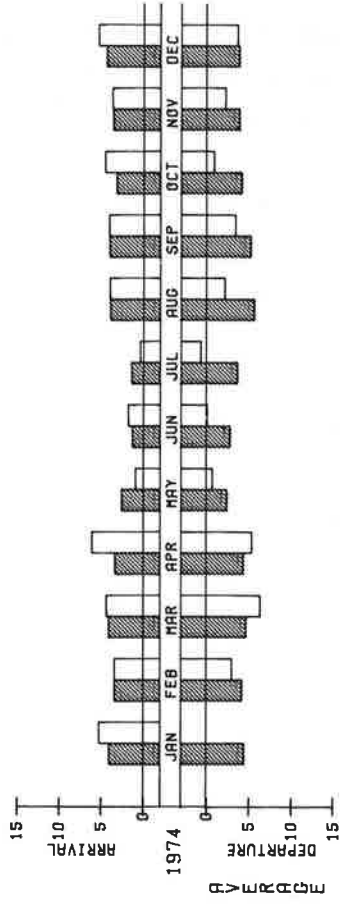
TO AND FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	DEPARTURES BUSY	DULL	DEPARTURES BUSY	DULL
JAN	807	0	828	77
FEB	1888	08	2534	150
MAR	1978	17	2799	168
APR	1942	19	2662	139
MAY	1646	79	2843	114
JUN	1479	55	2347	79
JUL	1464	51	2329	84
AUG	2914	136	2953	114
SEP	2675	129	2720	106
OCT	2764	138	2715	108
NOV	2471	120	2689	104
DEC	2389	100	2661	80
TOTAL	24417	872	31880	1323

FIGURE II-2-20

STL

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN

NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

CHAPTER III. ROUTE SEGMENT DELAYS AND TREND COMPARISONS, AIRBORNE AND GROUND

Chapter III is made up of five parts:

- Section III-1 is composed of two tables showing average yearly air and ground times and delays for 1974 and 1975. Table III-1-1 shows the averages for all route segments; Table III-1-2 shows the averages for the top 50 routes.

- Section III-2 composed of table III-2 and figure III-2 show monthly averages of route segment airborne and ground delays during 1974 and 1975. This is a composite segment of the top 50 routes.

- Section III-3 shows annual averages for airborne, ground, and block delays and flight activity for all flights arriving at 20 designated airports during 1974 and 1975. Refer to tables III-3-1 to III-3-20.

- Section III-4 contains monthly averages for airborne delays and flight activity arriving at 20 designated airports during 1974 and 1975. Refer to tables III-4-1 to III-4-20.

- Section III-5 contains the hourly distributions of airborne delays and flight activity arriving at 20 designated airports during 1974 and 1975. Refer to tables III-5-1 to III-5-20.

TABLE III-1-1

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM TO	-----1974-----				-----1975-----					
	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
ATL BUS	1367	1:57	0:07	0:20	0:10	1424	1:57	0:07	0:18	0:08
ATL CLE	1128	1:18	0:05	0:16	0:05	1431	1:16	0:03	0:17	0:06
ATL OCA	4028	1:14	0:06	0:17	0:06	4339	1:13	0:06	0:16	0:05
ATL DFW	3539	1:42	0:07	0:17	0:06	4134	1:43	0:08	0:16	0:05
ATL DTM	1357	1:20	0:02	0:19	0:08	1121	1:19	0:01	0:19	0:08
ATL FWR	2499	1:57	0:10	0:18	0:06	2411	1:55	0:08	0:18	0:06
ATL JFK	2167	1:40	0:14	0:19	0:04	2295	1:39	0:13	0:20	0:05
ATL LAX	2577	4:07	0:31	0:17	0:06	2443	4:07	0:31	0:20	0:09
ATL LGA	5763	1:41	0:09	0:17	0:05	4203	1:38	0:07	0:17	0:05
ATL MIA	4745	1:20	0:05	0:18	0:08	5199	1:20	0:05	0:17	0:07
ATL MSP	1619	2:04	0:06	0:14	0:04	2050	2:04	0:05	0:15	0:05
ATL MSY	3637	1:03	0:06	0:15	0:05	4043	1:04	0:07	0:16	0:06
ATL ORD	4424	1:55	0:19	0:18	0:05	4886	1:50	0:15	0:19	0:06
ATL PHL	3636	1:28	0:11	0:17	0:07	4209	1:27	0:10	0:18	0:08
ATL PJT	1946	1:14	0:04	0:17	0:07	2547	1:13	0:03	0:17	0:07
ATL SFO	498	4:29	0:05	0:17	0:06	661	4:21	0:05	0:21	0:10
ATL STL	2715	1:13	0:07	0:15	0:05	3147	1:14	0:06	0:14	0:04

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	1974				1975					
		FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME		
RUS	ATL	1714	2:17	0:11	0:17	0:04	1790	2:19	0:12	0:17	0:04
RUS	CLE	243	1:29	0:09	0:14	0:02	1287	1:28	0:09	0:15	0:03
RUS	DCA	6599	1:04	0:04	0:15	0:03	6321	1:03	0:04	0:15	0:03
RUS	DFW	556	4:00	0:03	0:16	0:05	1040	3:54	0:02	0:17	0:06
RUS	DFW	392	3:31	-0:04	0:16	0:04	436	3:34	-0:01	0:18	0:06
RUS	DTA	1601	1:55	0:06	0:16	0:04	1427	1:36	0:07	0:15	0:03
RUS	FWR	3080	0:46	0:06	0:17	0:04	3096	0:46	0:06	0:16	0:03
RUS	JFK	2893	0:41	0:12	0:18	0:02	3137	0:40	0:12	0:19	0:03
RUS	LAX	568	5:27	-0:09	0:20	0:04	656	5:25	-0:11	0:20	0:08
RUS	LGA	11537	0:42	0:10	0:16	0:03	11414	0:41	0:09	0:16	0:03
RUS	MIA	1547	2:42	0:10	0:17	0:06	1819	2:42	0:10	0:16	0:05
RUS	MSP	484	2:37	-0:03	0:15	0:04	649	2:37	-0:03	0:16	0:05
RUS	MSY	245	2:59	-0:00	0:16	0:05	359	3:04	0:04	0:16	0:05
RUS	ORD	4105	2:17	0:30	0:21	0:07	4627	2:12	0:25	0:20	0:06
RUS	PHL	6921	0:57	0:15	0:14	0:03	6159	0:55	0:13	0:15	0:04
RUS	PIT	1753	1:26	0:05	0:13	0:02	2104	1:17	0:02	0:15	0:02
RUS	SFA	39	5:22	-0:25	0:14	0:03	690	5:55	-0:13	0:20	0:08
RUS	SFO	465	5:37	-0:10	0:22	0:10	1013	2:29	0:05	0:17	0:04
RUS	STL	454	2:31	0:07	0:17	0:06					

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM TO	1974				1975					
	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL
CLF ATL	1126	1:24	0:05	0:14	0:03	1626	1:27	0:08	0:13	0:02
CLF RUS	1196	1:15	0:11	0:13	0:04	1329	1:16	0:12	0:14	0:05
CLF OCA	1954	0:51	0:04	0:12	0:02	2299	0:51	0:03	0:12	0:02
CLF DFW	427	2:45	0:03	0:14	0:05	636	2:44	0:01	0:14	0:05
CLF DFW	694	2:20	0:05	0:14	0:04	383	2:16	0:01	0:13	0:03
CLF DTY	2934	0:25	0:04	0:10	-0:00	3806	0:26	0:05	0:09	-0:01
CLF FWR	995	1:00	0:03	0:14	0:03	1400	1:00	0:03	0:14	0:03
CLF JFK	654	1:15	0:15	0:17	0:03	1017	1:14	0:14	0:16	0:02
CLF LAX	1294	4:27	0:01	0:15	0:05	1184	4:28	0:02	0:14	0:04
CLF LGA	2644	1:06	0:17	0:12	0:01	3454	1:04	0:15	0:12	0:01
CLF MIA	823	2:17	-0:03	0:14	0:05	1070	2:19	-0:00	0:14	0:05
CLF MSP	445	1:51	0:01	0:15	0:04	494	1:51	0:01	0:15	0:04
CLF MSY						34	2:11	-0:06	0:14	0:05
CLF ORD	2825	1:04	0:15	0:17	0:05	3504	1:01	0:11	0:18	0:06
CLF PHL	1530	0:56	0:07	0:16	0:07	1765	0:56	0:07	0:16	0:07
CLF PIT	2522	0:26	0:10	0:13	0:04	2662	0:25	0:10	0:12	0:03
CLF SFO	235	4:59	-0:06	0:16	0:06	341	4:40	-0:05	0:14	0:04
CLF STL	1466	1:14	0:04	0:12	0:03	2273	1:16	0:10	0:11	0:02

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
DCA	ATL	4905	1:25	0:06	0:13	0:00	5342	1:26	0:07	0:15	0:02
DCA	MUS	6425	0:59	0:06	0:14	0:03	6410	0:59	0:06	0:14	0:03
DCA	CLE	1721	0:54	0:05	0:15	0:03	2402	0:55	0:05	0:15	0:03
DCA	OTW	2096	1:06	0:01	0:14	0:02	2436	1:07	0:02	0:15	0:03
DCA	FAP	2708	0:39	0:08	0:15	0:02	2960	0:39	0:08	0:14	0:01
DCA	JFK	478	0:43	0:05	0:15	-0:01	828	0:43	0:06	0:17	0:01
DCA	ICA	10767	0:44	0:13	0:15	0:02	10280	0:44	0:12	0:14	0:01
DCA	MIA	2187	2:04	0:05	0:15	0:04	2419	2:02	0:04	0:14	0:03
DCA	MSP	1397	2:11	0:05	0:15	0:04	1380	2:12	0:07	0:16	0:05
DCA	ORD	6251	1:44	0:22	0:19	0:05	8044	1:41	0:19	0:18	0:04
DCA	PHL	1889	0:31	0:05	0:12	0:01	1055	0:31	0:06	0:14	0:03
DCA	PIT	1609	0:39	0:04	0:16	0:05	2049	0:40	0:04	0:17	0:04
DCA	STL	1257	1:48	0:09	0:14	0:03	2152	1:49	0:10	0:14	0:03

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM TO	FLIGHTS	1974		1975		FLIGHTS	1974		1975	
		AVG AIR TME	AVG AIR DEL	AVG AIR TME	AVG AIR DEL		AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
DEN BOS	566	3:18	-0:01	0:15	0:10	864	3:16	-0:02	0:16	0:11
DEN CLE	379	2:19	0:04	0:13	0:07	642	2:19	0:04	0:15	0:07
DEN DFW	4590	1:26	0:03	0:12	0:06	5368	1:26	0:03	0:15	0:07
DEN DTW	520	2:11	0:06	0:14	0:08	719	2:12	0:07	0:15	0:09
DEN EWR	464	3:05	0:07	0:17	0:10	652	3:06	0:08	0:16	0:09
DFN JFK	1131	3:14	0:07	0:19	0:09	1664	3:15	0:08	0:20	0:10
DEN LAX	3041	1:54	0:04	0:14	0:08	3403	1:54	0:04	0:15	0:09
DEN MSP	1532	1:26	0:05	0:10	0:05	2595	1:26	0:05	0:11	0:06
DEN MSY	363	2:05	-0:10	0:10	0:05	286	2:06	-0:09	0:11	0:06
DEN ORD	5002	1:55	0:13	0:15	0:07	6330	1:53	0:12	0:16	0:08
DEN PHL	433	3:01	0:04	0:16	0:11	429	3:03	0:06	0:18	0:13
DFN PIT	144	2:36	-0:05	0:17	0:12	187	2:29	-0:12	0:13	0:08
DEN SEA	1890	2:17	-0:01	0:12	0:07	2133	2:17	-0:00	0:13	0:08
DEN SFO	1853	2:08	0:04	0:13	0:07	2999	2:08	0:04	0:14	0:08
DEN STL	2011	1:38	0:04	0:13	0:08	2169	1:38	0:05	0:13	0:08

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	1974				1975					
		FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
DFW	ATL	3849	1:37	0:10	0:13	0:03	4506	1:36	0:09	0:14	0:04
DFW	HUS	332	2:59	-0:06	0:19	0:11	342	3:03	-0:02	0:18	0:10
DFW	CLF	711	2:03	-0:01	0:16	0:09	599	2:03	-0:00	0:15	0:06
DFW	DFW	4636	1:34	0:03	0:13	0:05	5369	1:35	0:04	0:12	0:04
DFW	DTW	804	2:03	0:06	0:16	0:07	1030	2:02	0:05	0:15	0:06
DFW	FAR	1527	2:43	0:06	0:15	0:05	2410	2:41	0:04	0:15	0:05
DFW	JFK	1690	2:49	0:12	0:18	0:05	1690	2:49	0:13	0:18	0:05
DFW	LAX	4211	2:42	0:15	0:15	0:06	4519	2:42	0:15	0:15	0:06
DFW	LGA	2439	2:46	0:05	0:15	0:05	2738	2:45	0:04	0:14	0:04
DFW	MIA	1934	2:16	0:05	0:14	0:06	1784	2:16	0:05	0:13	0:05
DFW	MSP	803	1:52	-0:02	0:13	0:05	969	1:50	-0:03	0:12	0:04
DFW	MSY	3216	1:00	0:09	0:12	0:04	3927	0:59	0:09	0:12	0:04
DFW	ORD	6365	1:51	0:18	0:16	0:05	6169	1:48	0:14	0:16	0:05
DFW	PHL	923	2:35	0:05	0:18	0:10	1145	2:35	0:06	0:17	0:09
DFW	PIT	696	2:10	0:03	0:16	0:08	498	2:10	0:03	0:17	0:09
DFW	SEA	732	3:37	-0:10	0:12	0:04	815	3:36	-0:11	0:12	0:04
DFW	SFO	3091	3:09	-0:00	0:15	0:06	3225	3:08	-0:01	0:16	0:07
DFW	STL	1997	1:16	0:05	0:13	0:05	2917	1:17	0:05	0:12	0:04

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	1974		1975					
		FLIGHTS	Avg AIR TME	Avg AIR DEL	FLIGHTS	Avg AIR TME	Avg AIR DEL	Avg GND TME	Avg GND DEL
DTW	ATL	1223	1:27	0:08	1350	1:27	0:08	0:15	0:03
DTW	ORD	1825	1:20	0:03	1566	1:20	0:03	0:13	0:03
DTW	CLE	2669	0:25	0:02	3591	0:25	0:02	0:09	-0:02
DTW	DCA	1985	1:03	0:03	2374	1:02	0:03	0:15	0:02
DTW	DEN	516	2:34	0:02	721	2:33	0:01	0:14	0:04
DTW	DFW	1188	2:18	0:21	813	2:21	0:24	0:15	0:02
DTW	FWR	1344	1:07	0:05	1517	1:08	0:05	0:14	0:02
DTW	JFK	1072	1:15	0:12	1210	1:17	0:14	0:18	0:03
DTW	LAX	1205	4:12	0:04	1501	4:14	0:06	0:14	0:03
DTW	LGA	3152	1:11	0:07	3013	1:12	0:08	0:14	0:02
DTW	MIA	1159	2:20	0:02	1229	2:21	0:03	0:12	0:02
DTW	MSP	604	1:18	0:03	925	1:19	0:03	0:14	0:04
DTW	MSY	58	2:03	0:08	9	2:10	0:15	0:13	0:03
DTW	ORD	5108	0:49	0:11	6251	0:48	0:09	0:17	0:04
DTW	PHL	1412	1:06	0:05	2076	1:07	0:05	0:15	0:05
DTW	PIT	2285	0:37	0:04	2601	0:36	0:03	0:12	0:02
DTW	SFO	1184	4:28	-0:00	1289	4:28	-0:01	0:13	0:02
DTW	STL	830	1:10	0:01	1200	1:11	0:02	0:11	0:01

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM TO	-----1974-----				-----1975-----					
	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
EMR ATL	2376	1:50	0:17	0:17	0:04	2510	1:51	0:17	0:16	0:03
EMR BOS	2286	0:37	0:13	0:17	0:06	3297	0:38	0:14	0:15	0:04
EMR CLF	1206	1:06	0:00	0:17	0:05	1553	1:06	-0:00	0:17	0:05
EMR DCA	2520	0:41	0:07	0:14	0:02	2741	0:40	0:06	0:13	0:01
EMR DEN	475	3:42	0:12	0:17	0:06	713	3:40	0:10	0:16	0:05
EMR DFW	1621	3:09	0:02	0:15	0:03	2267	3:11	0:04	0:15	0:03
EMR DTM	1362	1:19	0:04	0:15	0:03	1574	1:20	0:05	0:15	0:03
EMR JFK	8	0:21	0:14	0:15	-0:01	28	0:23	0:15	0:17	0:01
EMR LAX	953	5:24	0:18	0:17	0:05	1289	5:22	0:16	0:17	0:05
EMR MIA	1957	2:22	0:06	0:16	0:05	2051	2:24	0:08	0:15	0:04
EMR MSY	326	2:28	-0:06	0:16	0:05	250	2:32	-0:01	0:14	0:03
EMR ORD	3281	2:00	0:28	0:20	0:06	3665	1:56	0:24	0:20	0:06
EMR PHL	1701	0:27	0:06	0:15	0:04	1561	0:28	0:07	0:16	0:05
EMR PTT	2700	0:58	0:08	0:14	0:03	2835	0:56	0:07	0:13	0:02
EMR SFO	400	5:35	-0:05	0:16	0:04	511	5:34	-0:06	0:17	0:05
EMR STL	365	2:06	0:11	0:17	0:06	706	2:08	0:13	0:14	0:03

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

-----1974-----1975-----

FROM	TO	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL
JFK	ATL	2630	1:50	0:17	0:22	0:03	5011	1:51	0:18	0:23	0:04
JFK	BOS	2723	0:34	0:13	0:21	0:04	2983	0:34	0:13	0:19	0:02
JFK	CLE	761	1:11	0:04	0:23	0:05	1076	1:10	0:03	0:22	0:04
JFK	DCA	600	0:41	0:01	0:19	0:01	845	0:43	0:03	0:20	0:02
JFK	DFW	1044	3:43	0:07	0:23	0:06	1450	3:41	0:04	0:22	0:05
JFK	DFW	1849	3:08	0:09	0:25	0:07	2095	3:11	0:13	0:24	0:06
JFK	DTT	1241	1:23	0:04	0:25	0:07	1142	1:25	0:05	0:25	0:07
JFK	FRR						18	0:18	0:07	0:18	-0:01
JFK	LAX	3419	5:17	0:13	0:25	0:07	4232	5:17	0:12	0:25	0:07
JFK	MIA	3990	2:23	0:09	0:21	0:04	4214	2:23	0:09	0:22	0:05
JFK	MSP	171	2:27	0:07	0:22	0:05	74	2:31	0:11	0:20	0:03
JFK	MSY	1372	2:35	0:07	0:22	0:05	1414	2:36	0:08	0:22	0:05
JFK	ORD	2455	1:58	0:14	0:25	0:05	3574	1:56	0:12	0:25	0:05
JFK	PHI	1311	0:50	0:13	0:22	0:05	1973	0:29	0:12	0:24	0:07
JFK	PIT	674	0:58	0:15	0:20	0:03	680	0:59	0:17	0:16	-0:01
JFK	SEA	657	5:15	-0:09	0:23	0:06	839	5:13	-0:10	0:25	0:08
JFK	SFO	2435	5:34	0:45	0:23	0:05	3225	5:30	0:42	0:24	0:06
JFK	STL	224	2:09	0:04	0:24	0:07	506	2:09	0:03	0:28	0:11

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM TO	1974		1975	
	FLIGHTS	AVG AIR TME	FLIGHTS	AVG AIR TME
LAX ATL	2594	3:40	2328	3:38
LAX BOS	587	4:41	655	4:43
LAX CLE	1462	3:50	1012	3:51
LAX DEN	3246	1:44	3524	1:44
LAX DFW	4428	2:24	5161	2:25
LAX DTW	1052	3:41	1242	3:41
LAX FWR	766	4:36	997	4:37
LAX JFK	3655	4:39	4006	4:41
LAX MIA	411	4:12	510	4:14
LAX MSP	1286	2:57	2370	2:57
LAX MSY	468	3:08	443	3:08
LAX ORD	7166	3:25	8114	3:23
LAX PHL	1242	4:27	1593	4:28
LAX PIT	210	3:53	362	3:54
LAX SEA	1977	2:05	3129	2:05
LAX SFO	10339	0:52	14538	0:52
LAX STL	1590	3:03	2855	3:04

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DFL	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DFL
LGA	ATL	4004	1:53	0:18	0:18	0:06	4253	1:53	0:17	0:18	0:06
LGA	BOS	11117	0:35	0:06	0:18	0:08	10896	0:36	0:07	0:18	0:08
LGA	CLE	3327	1:08	0:05	0:20	0:09	3931	1:08	0:05	0:19	0:08
LGA	DCA	10632	0:45	0:14	0:16	0:05	10386	0:46	0:13	0:17	0:06
LGA	DFW	2252	3:10	0:09	0:22	0:11	2589	3:12	0:11	0:21	0:10
LGA	DTW	3464	1:18	0:05	0:20	0:09	3360	1:18	0:04	0:19	0:08
LGA	MIA	2812	2:25	0:06	0:20	0:10	2882	2:26	0:06	0:19	0:09
LGA	MSP	1509	2:23	0:05	0:20	0:10	1709	2:24	0:06	0:18	0:08
LGA	MSY	437	2:41	-0:00	0:17	0:07	412	2:42	0:01	0:17	0:07
LGA	ORD	7958	1:59	0:28	0:26	0:13	10026	1:56	0:25	0:24	0:11
LGA	PHL	268	0:29	0:00	0:18	0:08	539	0:29	0:00	0:19	0:09
LGA	PIT	3646	1:00	0:08	0:18	0:08	4551	0:58	0:06	0:17	0:07
LGA	STL	1876	2:09	0:08	0:20	0:10	2221	2:11	0:11	0:20	0:10

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM TO	-----1974-----				-----1975-----					
	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
ATA ATL	4173	1:50	0:12	0:15	0:04	5121	1:30	0:12	0:16	0:05
MIA HUS	1569	2:34	0:05	0:15	0:06	1599	2:34	0:06	0:16	0:07
MIA CFF	827	2:18	-0:01	0:14	0:04	1067	2:18	-0:02	0:13	0:03
MIA DCA	2184	2:00	0:06	0:13	0:03	2442	2:00	0:07	0:13	0:03
MIA NFK	1925	2:34	0:00	0:14	0:04	1990	2:36	0:02	0:14	0:04
MTA DTW	1192	2:27	0:00	0:15	0:05	1262	2:26	-0:01	0:14	0:04
MIA EWR	1970	2:18	0:03	0:16	0:05	2012	2:19	0:04	0:16	0:05
MIA JFK	3525	2:19	0:11	0:18	0:04	3640	2:19	0:11	0:18	0:04
MIA LAX	401	4:53	0:18	0:23	0:13	406	4:47	0:12	0:20	0:10
MIA LGA	3220	2:22	0:07	0:17	0:06	3206	2:22	0:07	0:16	0:05
MIA MSP						56	3:20	0:00	0:14	0:05
MIA RSV	1812	1:37	0:09	0:15	0:06	1866	1:38	0:10	0:14	0:05
MIA ORD	2543	2:45	0:11	0:16	0:04	2920	2:40	0:06	0:17	0:05
MIA PHL	1866	2:09	0:04	0:15	0:06	1832	2:10	0:04	0:15	0:06
MTA PIT	935	2:12	0:05	0:15	0:06	1141	2:11	0:05	0:15	0:06
MIA SFO	217	5:27	0:08	0:18	0:08	272	5:19	0:00	0:17	0:07
MTA STL	746	2:25	0:02	0:13	0:04	1049	2:25	0:02	0:13	0:04

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	1974				1975					
		FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
MSP	ATL	1693	1:58	-0:00	0:14	0:05	2031	1:59	0:02	0:14	0:05
MSP	BOS	497	2:15	-0:02	0:16	0:09	660	2:14	-0:00	0:17	0:10
MSP	CLF	447	1:20	0:02	0:13	0:05	763	1:20	0:02	0:14	0:06
MSP	CCA	1410	1:55	0:03	0:14	0:06	1472	1:55	0:03	0:16	0:08
MSP	DFW	1734	1:37	0:05	0:11	0:04	2624	1:38	0:06	0:12	0:05
MSP	DFW	858	1:55	0:05	0:12	0:04	1016	1:56	0:06	0:12	0:04
MSP	DTA	504	1:12	-0:00	0:10	0:08	875	1:13	0:00	0:18	0:10
MSP	JFK	173	2:04	0:02	0:20	0:08	74	2:02	0:00	0:24	0:12
MSP	LAX	1294	3:16	-0:02	0:16	0:08	2371	3:16	-0:02	0:16	0:08
MSP	LGA	1622	2:10	0:09	0:15	0:06	1740	2:08	0:07	0:16	0:07
MSP	MTA						57	2:58	-0:17	0:15	0:08
MSP	ORD	5672	0:58	0:16	0:17	0:07	6951	0:55	0:13	0:18	0:08
MSP	PHL	469	2:03	0:03	0:16	0:09	624	2:02	0:02	0:18	0:11
MSP	SFA	828	3:04	-0:00	0:16	0:09	1271	3:05	0:01	0:15	0:08
MSP	SFO	968	3:25	-0:05	0:14	0:06	1725	3:25	-0:02	0:15	0:07
MSP	STL	946	1:03	0:00	0:12	0:05	1187	1:06	0:03	0:11	0:04

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	FLIGHTS	1974		1975		FLIGHTS	1974		1975		AVG GND DFL
			AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL		AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DFL	
MSY	ATL	3150	1:06	0:12	0:11	0:03	3572	1:05	0:11	0:14	0:06	0:06
MSY	ROB	180	2:39	-0:01	0:13	0:07	358	2:40	0:01	0:13	0:07	0:07
MSY	CLE					44	1:55	-0:08	0:12	0:05	0:05	0:05
MSY	DEN	300	2:20	-0:02	0:11	0:05	285	2:21	-0:00	0:11	0:05	0:05
MSY	DFW	3452	1:08	0:08	0:10	0:03	3864	1:08	0:07	0:11	0:04	0:04
MSY	DTW	59	1:58	-0:02	0:08	0:01	9	1:57	-0:03	0:08	0:01	0:01
MSY	EWR	354	2:21	0:12	0:10	0:02	250	2:18	0:09	0:11	0:03	0:03
MSY	JFK	1019	2:26	0:10	0:11	-0:00	865	2:25	0:10	0:14	0:05	0:05
MSY	LAX	705	3:34	0:03	0:14	0:07	881	3:34	0:03	0:15	0:08	0:08
MSY	LGA	717	2:22	0:09	0:13	0:05	827	2:21	0:08	0:12	0:04	0:04
MSY	MIA	1689	1:27	0:04	0:11	0:05	1827	1:26	0:04	0:11	0:05	0:05
MSY	ORD	911	2:04	0:18	0:10	0:01	1037	1:55	0:09	0:12	0:03	0:03
MSY	PHL	685	2:14	-0:05	0:11	0:05	722	2:14	-0:05	0:11	0:05	0:05
MSY	PIT	475	1:54	0:04	0:14	0:08	685	1:52	0:02	0:15	0:07	0:07
MSY	SFO	193	4:06	0:10	0:13	0:06	232	4:00	0:04	0:14	0:07	0:07
MSY	STL	637	1:24	0:02	0:09	0:03	623	1:24	0:03	0:09	0:03	0:03

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	FLIGHTS	1974		1975		FLIGHTS	1974		1975	
			AVG AIR TME	AVG AIR DEL	AVG AIR TME	AVG AIR DEL		AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
ORD	ATL	4831	1:25	0:14	0:20	0:07	5056	1:27	0:20	0:19	0:06
ORD	BOS	4109	1:43	0:08	0:21	0:10	4726	1:44	0:08	0:19	0:08
ORD	CLE	3144	0:47	0:09	0:21	0:09	3481	0:47	0:08	0:19	0:07
ORD	DCA	5785	1:21	0:09	0:20	0:08	7736	1:20	0:08	0:18	0:06
ORD	DFW	4940	2:02	0:05	0:20	0:09	5920	2:02	0:06	0:19	0:08
ORD	DFW	5579	1:53	0:15	0:21	0:09	6190	1:54	0:16	0:20	0:08
ORD	DTW	5479	0:38	0:07	0:20	0:08	6699	0:38	0:07	0:18	0:06
ORD	EWR	3151	1:30	0:07	0:22	0:09	3461	1:29	0:06	0:21	0:08
ORD	JFK	2514	1:37	0:10	0:22	0:06	3436	1:40	0:13	0:21	0:05
ORD	LAX	6575	3:44	0:10	0:21	0:09	8069	3:43	0:08	0:21	0:09
ORD	LGA	7623	1:35	0:10	0:22	0:09	10077	1:34	0:08	0:20	0:07
ORD	MTA	2907	2:24	0:01	0:21	0:10	3308	2:27	0:04	0:20	0:09
ORD	MSP	5835	0:55	0:05	0:20	0:09	7480	0:55	0:05	0:19	0:08
ORD	MSY	946	1:46	0:01	0:20	0:09	980	1:47	0:01	0:17	0:06
ORD	PHL	2847	1:29	0:07	0:22	0:11	3756	1:29	0:08	0:20	0:09
ORD	PIT	6308	0:59	0:05	0:19	0:08	7156	0:57	0:03	0:18	0:07
ORD	SEA	1923	3:44	0:01	0:23	0:12	2902	3:44	0:00	0:21	0:10
ORD	SFO	4191	3:58	0:05	0:22	0:10	5167	3:58	0:04	0:21	0:09
ORD	STL	5493	0:43	0:04	0:19	0:08	6140	0:46	0:07	0:17	0:06

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

		-----1974-----										-----1975-----									
FROM	TO	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL					
PHL	ATL	3994	1:43	0:29	0:14	0:03	4163	1:42	0:29	0:16	0:05	4163	1:42	0:29	0:16	0:05					
PHL	BOS	7235	0:50	0:14	0:13	0:04	6285	0:49	0:13	0:13	0:04	6285	0:49	0:13	0:13	0:04					
PHL	CLE	1557	1:01	0:04	0:16	0:06	1865	1:00	0:03	0:16	0:06	1865	1:00	0:03	0:16	0:06					
PHL	DCA	1594	0:38	0:04	0:11	0:01	654	0:36	0:05	0:10	0:00	654	0:36	0:05	0:10	0:00					
PHL	DEN	321	3:33	0:00	0:16	0:07	380	3:31	-0:02	0:17	0:08	380	3:31	-0:02	0:17	0:08					
PHL	DFW	1124	2:57	0:15	0:18	0:08	847	3:02	0:19	0:18	0:08	847	3:02	0:19	0:18	0:08					
PHL	DTW	1617	1:13	0:03	0:16	0:06	2228	1:14	0:04	0:16	0:06	2228	1:14	0:04	0:16	0:06					
PHL	EMR	1145	0:24	0:06	0:15	0:04	1772	0:23	0:06	0:16	0:05	1772	0:23	0:06	0:16	0:05					
PHL	JFK	1528	0:30	0:09	0:17	0:03	2093	0:30	0:09	0:19	0:05	2093	0:30	0:09	0:19	0:05					
PHL	LAX	1376	5:10	0:04	0:18	0:08	1426	5:08	0:01	0:19	0:09	1426	5:08	0:01	0:19	0:09					
PHL	LGA	151	0:25	0:00	0:16	0:05	70	0:29	0:03	0:12	0:01	70	0:29	0:03	0:12	0:01					
PHL	MIA	2111	2:13	0:07	0:14	0:05	1897	2:13	0:08	0:15	0:06	1897	2:13	0:08	0:15	0:06					
PHL	MSP	425	2:20	0:03	0:15	0:06	570	2:21	0:03	0:15	0:06	570	2:21	0:03	0:15	0:06					
PHL	MSY	629	2:26	0:01	0:13	0:04	718	2:27	0:02	0:13	0:04	718	2:27	0:02	0:13	0:04					
PHL	ORD	2976	1:53	0:17	0:20	0:08	4358	1:49	0:13	0:20	0:08	4358	1:49	0:13	0:20	0:08					
PHL	PIT	5877	0:49	0:05	0:13	0:04	5694	0:47	0:03	0:13	0:04	5694	0:47	0:03	0:13	0:04					
PHL	SFO	479	5:30	-0:01	0:19	0:09	703	5:27	-0:04	0:19	0:09	703	5:27	-0:04	0:19	0:09					
PHL	STL	764	1:58	0:03	0:17	0:08	988	1:59	0:04	0:16	0:07	988	1:59	0:04	0:16	0:07					

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	1974				1975					
		FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
PIT	ATL	1961	1:21	0:12	0:13	0:07	2466	1:23	0:14	0:13	0:07
PIT	HOU	1520	1:09	0:00	0:11	0:07	1837	1:09	0:00	0:11	0:07
PIT	CLE	2595	0:26	0:11	0:11	0:06	3008	0:26	0:11	0:12	0:07
PIT	DCA	1456	0:39	0:06	0:12	0:07	1929	0:38	0:05	0:13	0:08
PIT	DFW	134	2:55	0:01	0:16	0:12	172	2:56	0:02	0:14	0:10
PIT	DFW	763	2:26	0:07	0:13	0:08	852	2:28	0:10	0:12	0:07
PIT	DTW	2162	0:38	0:03	0:12	0:07	2162	0:39	0:04	0:12	0:07
PIT	EMW	2335	0:55	0:04	0:11	0:05	2549	0:54	0:04	0:11	0:05
PIT	JFK	920	1:04	0:19	0:13	0:04	955	1:07	0:21	0:13	0:04
PIT	LAX	236	4:27	-0:09	0:16	0:15	361	4:28	-0:08	0:16	0:11
PIT	LGA	5723	0:58	0:11	0:12	0:06	4370	0:55	0:08	0:12	0:06
PIT	MIA	935	2:11	0:11	0:13	0:09	1139	2:11	0:11	0:14	0:10
PIT	MSY	416	2:06	0:07	0:12	0:08	630	2:07	0:08	0:12	0:08
PIT	ORD	6381	1:16	0:12	0:14	0:07	7449	1:13	0:09	0:14	0:07
PIT	PHL	6082	0:46	0:13	0:11	0:07	6404	0:45	0:13	0:11	0:07
PIT	SFO	143	4:51	-0:01	0:16	0:11	155	4:50	-0:03	0:13	0:08
PIT	STL	1391	1:24	0:01	0:10	0:06	2012	1:25	0:02	0:10	0:06

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	1974				1975					
		FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME		
SEA	ROS	39	4:43	-0:14	0:20	0:12					
SEA	DEN	1999	2:01	-0:01	0:13	0:05	2313	2:02	0:00	0:13	0:05
SEA	DFW	775	3:11	-0:07	0:12	0:03	716	3:10	-0:08	0:12	0:03
SEA	JFK	534	4:40	0:09	0:18	0:05	733	4:38	0:08	0:19	0:06
SEA	LAX	2021	2:01	0:07	0:13	0:04	3517	2:00	0:06	0:13	0:04
SEA	MSP	641	2:39	-0:03	0:14	0:06	948	2:40	-0:02	0:14	0:06
SEA	ORD	1998	3:22	0:08	0:18	0:07	2798	3:17	0:04	0:18	0:07
SEA	SFO	2764	1:34	0:12	0:12	0:03	5328	1:32	0:10	0:12	0:03
SEA	STL	354	3:13	0:02	0:14	0:06	361	3:13	0:02	0:13	0:05

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	FLIGHTS	1974		1975		FLIGHTS	1975		AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
			AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL							
SFO	ATL	636	3:56	-0:03	0:17	0:05	720	3:56	-0:04	0:22	0:10	0:110	
SFO	HOU	460	4:08	-0:11	0:22	0:12	693	4:08	-0:10	0:20	0:10	0:110	
SFO	CIF	258	3:58	-0:13	0:18	0:07	353	4:02	-0:09	0:18	0:07	0:107	
SFO	DFW	1941	1:55	0:06	0:17	0:07	2977	1:56	0:07	0:16	0:06	0:106	
SFO	DFW	2827	2:49	0:06	0:16	0:05	3225	2:48	0:05	0:16	0:05	0:105	
SFO	DTA	1598	3:52	0:00	0:17	0:06	1645	3:52	0:01	0:17	0:06	0:106	
SFO	FAR	258	4:44	-0:01	0:20	0:08	349	4:44	-0:01	0:20	0:08	0:108	
SFO	JFK	2380	4:51	0:21	0:22	0:07	3273	4:52	0:22	0:23	0:08	0:108	
SFO	LAX	9367	0:52	0:06	0:16	0:05	13671	0:52	0:05	0:15	0:04	0:104	
SFO	MIA	217	4:41	-0:15	0:30	0:20	271	4:41	-0:15	0:18	0:08	0:108	
SFO	MSY	1036	5:01	0:05	0:14	0:04	1736	3:02	0:06	0:15	0:05	0:105	
SFO	MSY	180	3:32	-0:07	0:15	0:05	99	3:25	-0:14	0:16	0:06	0:106	
SFO	ORD	4491	3:36	0:11	0:21	0:08	5607	3:32	0:08	0:21	0:08	0:108	
SFO	PHI	582	4:39	-0:03	0:20	0:10	819	4:40	-0:02	0:20	0:10	0:110	
SFO	PIT	143	4:16	-0:06	0:20	0:10	156	4:13	-0:08	0:18	0:08	0:108	
SFO	SFA	3121	1:31	0:07	0:14	0:04	5253	1:31	0:07	0:13	0:03	0:103	
SFO	STL	705	3:14	-0:01	0:17	0:07	903	3:16	0:01	0:16	0:06	0:106	

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
ALL ROUTE SEGMENTS

FROM	TO	1974		1975					
		FLIGHTS	AVG AIR TME	AVG AIR DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
STL	ATL	2374	1:09	0:05	2834	1:09	0:06	0:14	0:07
STL	BOS	457	2:04	0:07	842	2:05	0:11	0:15	0:10
STL	CLE	1299	1:05	0:08	1924	1:06	0:08	0:13	0:07
STL	DCA	1347	1:30	0:02	2296	1:29	0:08	0:13	0:07
STL	DFW	2090	1:52	0:04	2119	1:51	0:16	0:19	0:14
STL	DFW	2157	1:19	0:04	2865	1:21	0:07	0:13	0:07
STL	DTW	909	1:02	0:07	1282	1:01	0:09	0:14	0:08
STL	FWR	368	1:50	0:05	644	1:48	0:09	0:15	0:08
STL	JFK	47	1:54	0:05	83	1:51	0:07	0:16	0:06
STL	LAX	1730	3:27	0:06	3094	3:28	0:11	0:15	0:09
STL	LGA	1854	1:54	0:04	2182	1:52	0:09	0:15	0:08
STL	MIA	845	2:13	0:00	1168	2:14	0:08	0:12	0:07
STL	MSP	878	1:05	-0:00	1046	1:06	0:07	0:12	0:07
STL	MSY	720	1:24	-0:01	690	1:23	0:05	0:10	0:05
STL	ORD	5795	0:53	0:15	6735	0:50	0:03	0:12	0:04
STL	PHL	608	1:41	0:04	739	1:41	0:12	0:17	0:12
STL	PIT	1587	1:15	0:07	2168	1:12	0:07	0:12	0:07
STL	SEA	488	3:41	0:01	354	3:43	0:07	0:12	0:07
STL	SFO	493	3:43	-0:03	808	3:42	0:11	0:16	0:10
TOTAL		66897	1:45	0:09	798549	1:46	0:06	0:16	0:06

TABLE III-1-2

AVERAGE YEARLY AIR AND GROUND
TIMES AND DELAYS
TOP 50 ROUTE SEGMENTS

FROM	TO	1974		1975		FLIGHTS	1974		1975		FLIGHTS	1974		1975	
		AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL		AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL		AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
ATL	DFW	1:42	0:07	0:17	0:06	5559	1:42	0:07	0:17	0:06	4154	1:43	0:08	0:16	0:05
ATL	MIA	1:20	0:05	0:18	0:08	4745	1:20	0:05	0:18	0:08	5199	1:20	0:05	0:17	0:07
ATL	ORD	1:33	0:19	0:18	0:05	4424	1:33	0:19	0:18	0:05	4868	1:30	0:15	0:19	0:06
BOS	DCA	1:04	0:04	0:15	0:05	6500	1:04	0:04	0:15	0:05	6321	1:03	0:04	0:15	0:03
BOS	EMR	0:46	0:06	0:17	0:04	5080	0:46	0:06	0:17	0:04	3096	0:46	0:06	0:16	0:03
BOS	JFK	0:41	0:12	0:18	0:02	2893	0:41	0:12	0:18	0:02	3137	0:40	0:12	0:19	0:03
BOS	LGA	0:42	0:10	0:16	0:03	11537	0:42	0:10	0:16	0:03	11418	0:41	0:09	0:16	0:03
BOS	PHL	0:57	0:15	0:14	0:03	6921	0:57	0:15	0:14	0:03	6159	0:55	0:13	0:15	0:04
CLE	DTW	0:25	0:04	0:10	-0:00	2938	0:25	0:04	0:10	-0:00	3806	0:26	0:05	0:09	-0:01
DCA	BOS	0:59	0:06	0:14	0:03	6425	0:59	0:06	0:14	0:03	6410	0:59	0:06	0:14	0:03
DCA	LGA	0:44	0:13	0:15	0:02	10767	0:44	0:13	0:15	0:02	10280	0:44	0:12	0:14	0:01
DCA	ORD	1:44	0:22	0:19	0:05	6251	1:44	0:22	0:19	0:05	8084	1:41	0:19	0:18	0:04
DFW	ORD	1:55	0:13	0:15	0:07	5002	1:55	0:13	0:15	0:07	6330	1:53	0:12	0:16	0:08
DFW	ATI	1:37	0:10	0:13	0:03	3849	1:37	0:10	0:13	0:03	4506	1:36	0:09	0:14	0:04
DTW	LGA	1:11	0:07	0:14	0:02	3152	1:11	0:07	0:14	0:02	3013	1:12	0:08	0:14	0:02
DTW	ORD	0:49	0:11	0:17	0:04	5108	0:49	0:11	0:17	0:04	6251	0:48	0:09	0:17	0:04
FAR	BOS	0:37	0:13	0:17	0:06	2286	0:37	0:13	0:17	0:06	3297	0:38	0:14	0:15	0:04
EMR	ORD	2:00	0:28	0:20	0:06	5281	2:00	0:28	0:20	0:06	3665	1:56	0:24	0:20	0:06

TABLE III-1-2 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

TOP 50 ROUTE SEGMENTS

FROM	TO	1974				1975					
		FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
JFK	RMS	2723	0:34	0:13	0:21	0:04	2983	0:34	0:13	0:19	0:02
JFK	MIA	3990	2:23	0:09	0:21	0:04	4218	2:23	0:09	0:22	0:05
LAX	ORD	7166	3:25	0:12	0:19	0:05	8114	3:23	0:09	0:19	0:05
LAX	SFO	10339	0:52	0:06	0:14	0:02	14538	0:52	0:06	0:14	0:02
LGA	BUS	11117	0:35	0:06	0:18	0:08	10896	0:36	0:07	0:18	0:08
LGA	DCA	10632	0:45	0:14	0:16	0:05	10386	0:46	0:13	0:17	0:06
LGA	DTW	3464	1:18	0:05	0:20	0:09	3360	1:18	0:04	0:19	0:08
LGA	ORD	7958	1:59	0:28	0:26	0:13	10026	1:56	0:25	0:24	0:11
MIA	ATL	4173	1:30	0:12	0:15	0:04	5121	1:30	0:12	0:16	0:05
MIA	JFK	3525	2:19	0:11	0:18	0:04	3640	2:19	0:11	0:18	0:04
MSP	ORD	5672	0:58	0:16	0:17	0:07	6951	0:55	0:13	0:18	0:08
ORD	ATL	4831	1:25	0:18	0:20	0:07	5056	1:27	0:20	0:19	0:06
ORD	BOS	4109	1:43	0:08	0:21	0:10	4726	1:44	0:08	0:19	0:08
ORD	DCA	5785	1:21	0:09	0:20	0:08	7736	1:20	0:08	0:18	0:06
ORD	DEN	4940	2:02	0:05	0:20	0:09	5920	2:02	0:06	0:19	0:08
ORD	DTW	5479	0:38	0:07	0:20	0:08	6699	0:38	0:07	0:18	0:06
ORD	EMR	3151	1:30	0:07	0:22	0:09	3461	1:29	0:06	0:21	0:08
ORD	LAX	6573	3:44	0:10	0:21	0:09	8069	3:43	0:08	0:21	0:09
ORD	LGA	7623	1:55	0:10	0:22	0:09	10077	1:34	0:08	0:20	0:07
ORD	MSP	5835	0:55	0:05	0:20	0:09	7480	0:55	0:05	0:19	0:08

TABLE III-1-2 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

TOP 50 ROUTE SEGMENTS

		-----1974-----										-----1975-----									
FROM	TO	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL					
ORD	PIT	6308	0:59	0:05	0:19	0:06	7156	0:57	0:03	0:18	0:07	7156	0:57	0:03	0:18	0:07					
ORD	SFO	4191	3:58	0:05	0:22	0:10	5167	3:58	0:04	0:21	0:09	5167	3:58	0:04	0:21	0:09					
ORD	STL	5493	0:43	0:04	0:19	0:08	6140	0:46	0:07	0:17	0:06	6140	0:46	0:07	0:17	0:06					
PHL	ROS	7235	0:50	0:14	0:13	0:04	6285	0:49	0:13	0:13	0:04	6285	0:49	0:13	0:13	0:04					
PHL	PIT	5877	0:49	0:05	0:13	0:04	5694	0:47	0:03	0:13	0:04	5694	0:47	0:03	0:13	0:04					
PIT	ORD	6381	1:16	0:12	0:14	0:07	7449	1:13	0:09	0:14	0:07	7449	1:13	0:09	0:14	0:07					
PIT	PHL	6082	0:46	0:13	0:11	0:07	6404	0:45	0:13	0:11	0:07	6404	0:45	0:13	0:11	0:07					
SEA	SFO	2764	1:34	0:12	0:12	0:03	5328	1:32	0:10	0:12	0:03	5328	1:32	0:10	0:12	0:03					
SFO	LAX	9367	0:52	0:06	0:16	0:05	13671	0:52	0:05	0:15	0:04	13671	0:52	0:05	0:15	0:04					
SFO	ORD	4491	3:36	0:11	0:21	0:08	5607	3:32	0:08	0:21	0:08	5607	3:32	0:08	0:21	0:08					
SFO	SEA	5121	1:31	0:07	0:14	0:04	5253	1:31	0:07	0:13	0:03	5253	1:31	0:07	0:13	0:03					
STL	ORD	5795	0:53	0:15	0:11	0:03	6735	0:50	0:11	0:12	0:04	6735	0:50	0:11	0:12	0:04					
TOTAL		278978	1:20	0:11	0:17	0:06	320340	1:21	0:10	0:17	0:05	320340	1:21	0:10	0:17	0:05					

TABLE III-2

AVERAGE MONTHLY AIRBORNE DELAYS AND GROUND DELAYS
COMPOSITE FOR THE TOP 50 U.S. ROUTE SEGMENTS

MONTH	1974		1975	
	NO. OF FLIGHTS	AVG AIR DELAY	NO. OF FLIGHTS	AVG AIR DELAY
JANUARY	11483	0:10	26466	0:11
FEBRUARY	24563	0:10	26556	0:11
MARCH	25833	0:10	27604	0:10
APRIL	24421	0:09	25880	0:09
MAY	19858	0:10	29671	0:08
JUNE	17638	0:10	25174	0:09
JULY	16865	0:09	24962	0:08
AUGUST	32240	0:11	30872	0:08
SEPTEMBER	27963	0:13	26397	0:08
OCTOBER	28166	0:12	24820	0:09
NOVEMBER	25758	0:11	28334	0:11
DECEMBER	23790	0:11	23604	0:11
TOTAL	278978	0:11	320340	0:10
		AVG GND DELAY		AVG GND DELAY
		0:05		0:05
		0:05		0:06
		0:05		0:05
		0:05		0:05
		0:05		0:05
		0:05		0:06
		0:05		0:06
		0:07		0:06
		0:08		0:05
		0:06		0:05
		0:05		0:05
		0:06		0:06

COMPOSITE NOMINAL AIRBORNE TIME = 1:11
COMPOSITE NOMINAL GROUND TIME = 0:12

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE III-2

AVERAGE MONTHLY AIRBORNE AND GROUND DELAYS
 COMPOSITE FOR TOP 50 ROUTE SEGMENTS

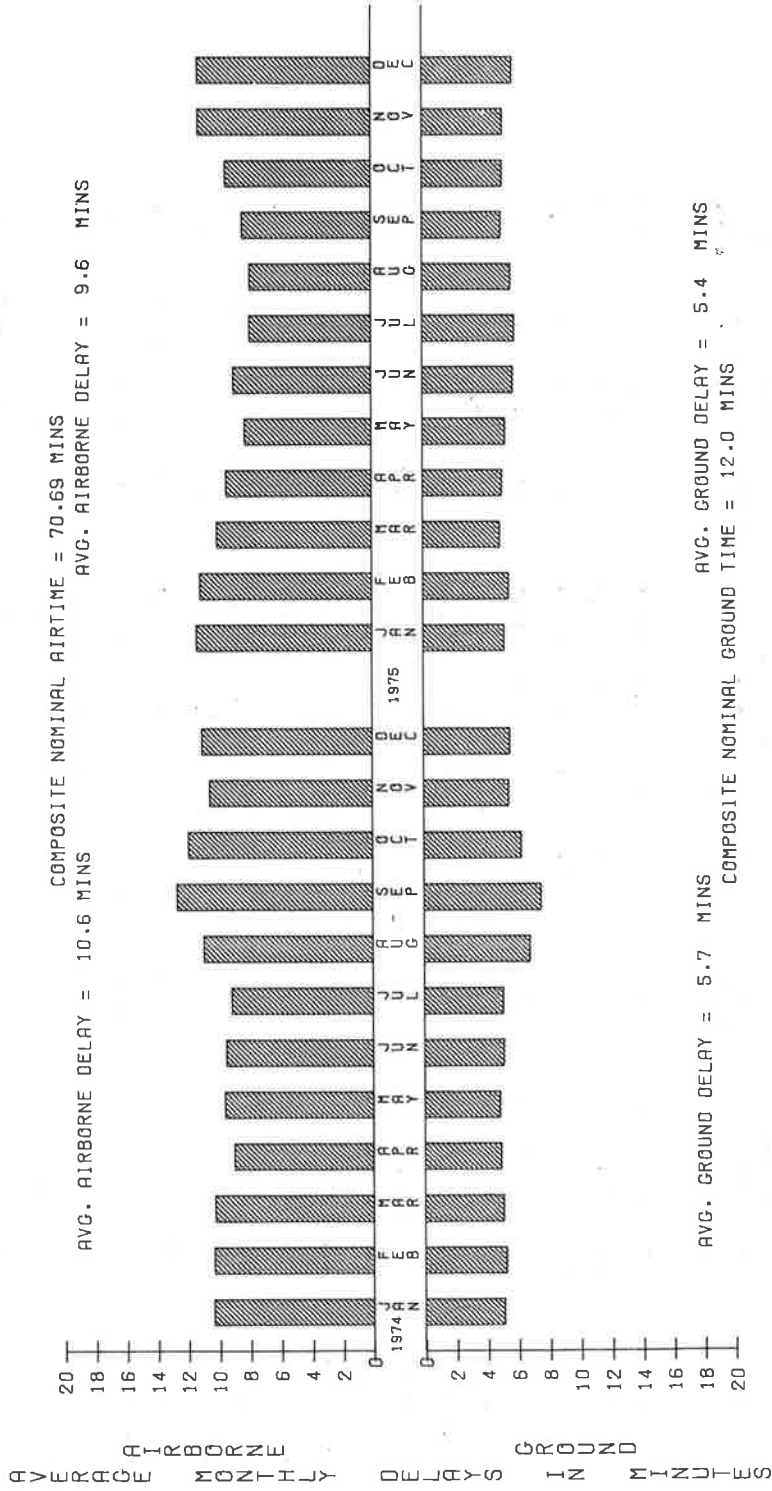


TABLE III-3-1

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT ATL

ROUTE	1974			1975			DIFFERENCE		
	FLIGHTS	AVG ATR	AVG BLOCK	FLIGHTS	AVG ATR	AVG BLOCK	FLIGHTS	AVG ATR	AVG BLOCK
ROQ => ATL	1718	137.2	16.7	1790	138.8	16.8	72	1.6	0.1
CLF => ATL	1166	84.5	13.6	1626	86.8	12.9	460	2.3	-0.7
DCA => ATL	4905	85.5	13.1	5342	85.6	14.6	437	0.2	1.6
DFW => ATL	3849	86.4	13.1	4506	85.6	14.5	657	-1.3	1.3
DTW => ATL	1223	87.3	13.9	1350	87.4	15.2	127	0.1	1.4
EMR => ATL	2376	110.1	16.6	2510	110.7	15.9	134	0.6	-0.6
JFK => ATL	2634	109.5	22.3	3011	110.5	22.7	377	1.0	0.4
LAX => ATL	2594	220.1	16.1	2328	217.9	17.7	-266	-2.2	1.6
LGA => ATL	4004	113.4	18.0	4253	112.8	18.3	249	-0.5	0.3
MIA => ATL	4173	89.9	15.0	5121	89.8	16.5	948	-0.0	1.5
MSP => ATL	1693	117.5	13.5	2031	119.4	13.6	338	1.8	0.1
MSY => ATL	3150	66.3	11.1	3572	64.6	13.7	422	-1.7	2.6
ORD => ATL	4831	85.2	20.0	5056	87.1	19.2	225	1.9	-0.8
PHL => ATL	3994	102.9	13.7	4163	102.5	15.6	169	-0.4	1.8
PTT => ATL	1961	81.4	12.9	2466	83.1	12.5	505	1.7	-0.4
SFO => ATL	636	236.4	17.5	720	236.0	21.8	84	-0.5	4.4
STL => ATL	2374	68.7	13.4	2834	69.4	13.7	460	0.7	0.3
ALL => ATL	47281			52679			5398	0.2	0.8

TABLE III-3-2

AVERAGE YEARLY AIR, BLICK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT HNS

ROUTE	1970			1971			DIFFERENCE		
	FIITES	AVG ATR	AVG RND	FIITES	AVG ATR	AVG RND	FIITES	AVG ATR	AVG RND
ATL => HNS	1367	117.1	20.7	1424	116.9	18.2	57	-0.2	-2.0
CLF => HNS	1196	74.9	12.4	1329	76.4	13.6	133	1.5	0.8
DCA => HNS	6425	59.3	13.8	6410	58.8	14.1	-15	-0.5	0.3
DFW => HNS	546	197.5	15.1	864	196.4	15.8	318	-1.1	0.7
DFW => HNS	332	179.2	18.9	342	182.7	17.8	10	3.6	-1.1
DTW => HNS	1825	79.9	14.6	1566	80.4	13.2	-259	0.5	-1.4
LWR => HNS	2286	37.3	17.3	3297	38.1	15.0	1011	0.8	-2.3
JFK => HNS	2723	33.6	21.2	2983	34.1	18.6	260	0.5	-2.6
LAX => HNS	587	281.1	19.2	655	282.8	18.5	68	1.7	-0.7
LGA => HNS	11117	35.0	18.1	10896	36.1	17.8	-221	1.2	-0.3
MIA => HNS	1569	153.6	14.8	1599	154.0	15.7	30	0.5	0.9
MSP => HNS	497	132.6	16.1	660	134.2	16.6	163	1.6	0.6
MSY => HNS	180	158.8	12.6	358	160.1	13.0	178	1.3	0.4
ORD => HNS	4109	103.4	20.7	4726	104.0	19.2	617	0.6	-1.5
PHL => HNS	7235	50.5	12.5	6285	49.3	13.2	-950	-1.1	0.6
PIT => HNS	1520	68.7	11.2	1837	68.6	10.7	317	-0.1	-0.5
SEA => HNS	59	282.7	19.7	302.4					
SFO => HNS	460	287.6	22.3	693	288.2	20.4	233	0.7	-1.9
STL => HNS	457	124.4	16.0	842	125.3	15.4	385	0.9	-0.6
ALL => HNS	44090			46766			2276	0.3	-0.5

TABLE III-3-3

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT CIE

ROUTE	1974			1975			DIFFERENCE		
	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK
ATL => CIE	1128	77.7	16.3	1431	76.0	17.0	303	-1.7	0.8
BOS => CIE	843	88.5	14.3	1287	88.1	14.8	444	-0.4	0.5
DCA => CIE	1721	54.5	15.2	2402	55.0	14.9	681	0.5	-0.3
DEN => CIE	379	138.6	13.4	642	138.6	13.2	263	-0.1	-0.2
DFW => CIE	711	122.7	17.5	599	122.8	15.1	-112	0.1	-2.4
DTW => CIE	2689	24.6	9.5	3591	24.8	8.5	902	0.2	-1.0
EMR => CIE	1206	66.3	16.7	1553	65.5	16.5	347	-0.8	-0.2
JFK => CIE	761	71.0	22.6	1076	70.2	22.1	315	-0.8	-0.5
LAX => CIE	1462	230.5	16.7	1012	231.1	16.9	-450	0.7	0.2
LGA => CIE	3327	67.6	20.0	3931	68.1	18.7	604	0.5	-1.3
MIA => CIE	827	138.4	14.1	1067	137.8	13.2	240	-0.5	-1.0
MSP => CIE	447	79.9	13.0	763	80.0	14.5	316	0.1	1.5
MSY => CIE				44	115.0	11.6	44		126.6
ORD => CIE	3144	47.2	20.7	3481	46.9	19.4	337	-0.3	-1.3
PHL => CIE	1557	60.8	15.8	1865	60.3	16.0	308	-0.5	0.2
PIT => CIE	2595	26.4	11.3	3008	26.0	11.8	413	-0.3	0.5
SFO => CIE	238	238.3	18.1	353	241.9	17.5	115	3.6	-0.6
STL => CIE	1299	64.8	14.0	1924	65.6	12.8	625	0.9	-1.1
ALL => CIE	24334			30029			5695	-0.0	-0.5

TABLE III-3-4

AVERAGE YEARLY AIR, RLUICK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT DCA

ROUTE	1974			1975			DIFFERENCE		
	FITTS	AVG ATR	AVG RLUICK	FITTS	AVG ATR	AVG RLUICK	FITTS	AVG ATR	AVG RLUICK
ATL => DCA	4028	73.6	16.7	4339	72.8	16.3	311	-0.8	-0.5
BOS => DCA	6590	63.7	15.1	6321	63.5	15.1	-269	-0.3	0.0
CLE => DCA	1954	51.2	12.3	2299	50.6	12.2	345	-0.7	-0.1
DCA => DCA	1945	62.8	13.0	2374	62.4	12.6	389	-0.4	-0.4
DFW => DCA	2520	41.0	14.2	2741	40.3	13.1	221	-0.7	-1.1
DFW => DCA	600	40.8	18.7	845	42.6	19.8	245	1.8	1.1
LGA => DCA	10632	45.4	16.5	10386	45.6	16.5	-246	0.1	0.1
MIA => DCA	2184	119.5	13.1	2442	120.3	13.0	258	0.8	-0.1
MSP => DCA	1410	115.2	14.3	1472	115.3	16.1	62	0.1	1.8
ORD => DCA	5785	81.3	19.5	7736	80.3	17.9	1951	-1.1	-1.6
PHL => DCA	1594	38.2	10.7	654	36.5	10.4	-940	-1.7	-0.3
PIT => DCA	1456	39.0	11.9	1929	37.9	13.4	473	-1.1	1.5
STL => DCA	1347	90.0	13.5	2296	89.3	13.4	949	-0.6	-0.2
ALL => DCA	42085			45834			3749	-0.4	-0.2

TABLE III-3-5

AVERAGE YEARLY ATR, RLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT DFN

ROUTE	1974			1975			DIFFERENCE		
	FITTES	AVG ATR	AVG RLOCK	FITTES	AVG ATR	AVG RLOCK	FITTES	AVG ATR	AVG RLOCK
ROS => DFN	556	239.7	16.2	1040	234.2	17.2	484	-1.5	1.0
CLF => DFN	427	165.2	14.2	636	163.8	13.8	209	-1.4	-0.5
DFW => DFN	4634	94.4	12.6	5369	95.0	12.4	733	0.6	-0.2
DTW => DFN	516	145.8	15.9	721	152.7	13.8	205	-1.1	-2.1
FWR => DFN	475	222.1	17.0	713	220.0	16.0	238	-2.1	-1.0
JFK => DFN	1046	223.4	22.6	1450	220.9	22.3	404	-2.5	-0.4
LAX => DFN	3246	104.0	15.9	3524	104.5	17.4	278	0.5	1.5
MSP => DFN	1734	97.1	11.4	2624	98.0	11.7	890	0.9	0.3
MSY => DFN	300	139.7	10.7	285	141.5	10.7	-15	1.8	0.1
ORD => DFN	4940	121.7	14.7	5920	122.3	19.0	980	0.6	-0.7
PHL => DFN	321	212.7	16.3	380	210.6	17.1	59	-2.1	0.8
PIT => DFN	134	174.6	15.8	172	176.4	14.1	38	1.8	-1.7
SEA => DFN	1999	121.1	12.9	2313	122.1	13.0	314	1.1	0.1
SFO => DFN	1941	115.3	17.0	2977	115.6	16.2	1036	0.3	-0.8
STL => DFN	2000	111.6	21.2	2119	111.2	19.1	29	-0.4	-2.1
ALI => DFN	24361			30243			5882	0.2	-0.3

TABLE III-3-6

AVERAGE YEARLY ATR,BLOCK AND GROUND TIMES.

FOR ROUTE SEGMENTS ARRIVING AT DFW

ROUTE	1974			1975			DIFFERENCE		
	FITTS	AVG ATR	AVG BLOCK	FITTS	AVG ATR	AVG BLOCK	FITTS	AVG ATR	AVG BLOCK
ATI => DFW	3539	101.8	16.7	4134	102.8	16.5	595	1.0	-0.2
HOS => DFW	392	211.4	16.4	436	214.0	18.2	44	2.6	1.8
CLF => DFW	698	139.7	13.7	383	135.8	13.1	-315	-4.0	-4.5
DFW => DFW	4590	85.4	12.3	5368	85.6	12.7	778	-0.3	0.4
DTW => DFW	1188	147.8	13.6	813	141.2	13.0	-375	3.4	-0.6
FWR => DFW	1621	189.2	15.3	2267	191.5	15.1	646	2.3	-0.2
JFK => DFW	1809	187.8	25.1	2095	191.0	24.1	286	3.2	-1.0
LAX => DFW	4428	144.1	17.0	5161	144.8	16.2	733	0.7	-0.8
LGA => DFW	2252	190.3	21.6	2589	192.2	21.1	337	1.9	-0.4
MTA => DFW	1925	150.2	13.9	1990	156.1	13.5	65	1.8	-0.4
MSP => DFW	858	115.1	12.5	1016	115.9	12.3	158	0.7	-0.0
MSY => DFW	3052	68.5	10.4	3864	67.8	10.8	812	-0.7	0.4
ORD => DFW	5579	112.8	21.0	6190	113.9	19.8	611	1.2	-1.2
PHI => DFW	1128	177.3	17.6	847	181.5	17.6	-281	4.2	-0.1
PIT => DFW	763	105.6	12.8	852	108.0	12.4	89	2.5	-0.4
SEA => DFW	775	191.4	11.6	716	189.6	12.1	-59	-1.8	0.2
SFO => DFW	2827	169.2	16.2	3225	168.5	16.4	398	-1.0	0.2
STL => DFW	2157	79.3	13.3	2865	81.2	12.8	708	1.9	-0.6
ALL => DFW	60021			68811			8790	0.9	-0.3

TABLE III-3-7

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT DTW

ROUTE	1974			1975			DIFFERENCE			
	FIITFS	AVG ATR	AVG GND BLOCK	FIITFS	AVG ATR	AVG GND BLOCK	FIITFS	AVG ATR	AVG GND BLOCK	
ATL => DTW	1337	80.5	19.3	1121	79.5	18.7	-216	-1.0	-0.6	-1.6
ROB => DTW	1601	95.1	15.8	1427	95.9	15.2	-174	0.8	-0.6	0.2
CLE => DTW	2938	75.1	9.9	3806	25.8	8.8	868	0.7	-1.1	-0.4
DCA => DTW	2096	66.2	14.1	2456	66.8	14.8	360	0.7	0.7	1.0
DEN => DTW	520	131.2	14.1	719	131.8	15.1	199	0.5	1.0	1.5
DFW => DTW	808	123.0	15.7	1030	121.8	15.1	222	-1.2	-0.5	-1.7
FHR => DTW	1362	79.1	14.9	1574	79.9	15.5	212	0.8	0.6	1.4
JFK => DTW	1241	82.9	24.5	1142	84.5	25.0	-99	1.6	0.9	2.5
LAX => DTW	1052	220.7	17.8	1242	221.5	17.0	190	0.6	-0.7	-0.1
LGA => DTW	3464	78.4	20.0	3360	78.1	18.9	-104	-0.3	-1.1	-1.4
MIA => DTW	1192	147.4	10.9	1262	146.0	13.0	70	-1.5	-1.0	-2.5
MSP => DTW	548	72.2	16.0	875	72.8	18.0	331	0.6	2.0	2.6
MSY => DTW	59	118.2	8.2	9	117.5	8.0	-50	-0.8	-0.2	-1.0
ORD => DTW	5479	38.4	20.0	6699	38.0	18.0	1220	-0.4	-1.9	-2.3
PHL => DTW	1617	73.3	16.0	2228	74.4	15.6	611	1.1	-0.3	0.8
PIT => DTW	2162	77.8	12.5	2162	38.7	11.8	0	0.9	-0.5	0.4
SFO => DTW	1598	231.8	16.6	1645	231.9	17.3	47	0.2	0.7	0.9
STL => DTW	909	61.7	15.1	1282	60.7	14.2	373	-1.0	-0.9	-1.9
ALL => DTW	29979			34019			4040	0.2	-0.6	-0.4

TABLE III-3-8

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT EWR

ROUTE	1974			1975			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND BLOCK	FLIGHTS	AVG AIR	AVG GND BLOCK	FLIGHTS	AVG AIR	AVG GND BLOCK
ATL => EWR	2499	97.0	18.1	2411	95.3	17.8	88	-1.7	-0.3
RMS => EWR	3080	45.8	16.6	3096	45.6	16.5	16	-0.2	-0.1
CLE => EWR	995	59.8	14.0	1400	59.7	14.5	405	-0.1	0.5
DCA => EWR	2708	38.7	14.5	2960	38.7	13.8	252	-0.1	-0.7
DEN => EWR	464	185.0	16.9	652	185.9	16.5	188	0.9	-0.4
DFW => EWR	1527	163.5	14.7	2410	160.9	15.1	883	-2.5	0.4
DTW => EWR	1344	67.5	14.2	1517	67.8	14.4	173	0.4	0.2
JFK => EWR				18	18.2	18.2			
LAX => EWR	766	275.8	16.6	997	277.2	16.8	231	1.3	0.3
MTA => EWR	1970	138.1	16.0	2012	139.4	15.9	42	1.3	-0.0
MSY => EWR	354	140.9	10.3	250	137.8	11.1	-104	-3.1	0.8
ORD => EWR	3151	90.1	22.4	3461	89.4	20.7	310	-0.7	-1.8
PHL => EWR	1145	23.9	14.9	1772	23.4	16.1	627	-0.5	1.2
PIT => EWR	2335	54.9	11.4	2549	53.5	11.5	214	-1.4	0.1
SFO => EWR	258	284.2	20.0	349	284.4	19.8	91	0.2	-0.2
STL => EWR	368	109.9	15.6	644	107.5	14.5	276	-2.4	-1.0
ALL => EWR	22964			26498			3534	-0.6	-0.2

TABLE III-3-9

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT JFK

ROUTE	1974			1975			DIFFERENCE		
	FLTTES	AVG ATR	AVG BLOCK	FLTTES	AVG ATR	AVG BLOCK	FLTTES	AVG ATR	AVG BLOCK
ATI => JFK	2167	99.7	18.9	2295	98.7	19.9	128	-0.9	1.0
HNS => JFK	2893	40.6	18.2	3137	40.3	18.5	244	-0.3	0.3
CLF => JFK	654	75.0	16.9	1017	74.0	16.1	363	1.0	-0.8
DCA => JFK	878	42.6	14.9	828	43.3	17.4	350	0.7	2.4
DEN => JFK	1131	194.1	19.2	1664	194.8	20.4	533	0.6	1.2
DFW => JFK	1690	168.6	17.8	1690	168.8	17.5	0	0.2	-0.3
DTW => JFK	1072	75.2	16.9	1210	77.3	17.6	138	2.1	0.7
FWR => JFK	R	21.3	15.1	28	22.9	16.9	20	1.6	1.8
LAX => JFK	3655	279.2	21.2	4006	281.2	20.9	351	2.0	-0.3
MIA => JFK	3525	139.1	18.1	3640	138.9	18.4	115	-0.2	0.3
MSP => JFK	173	123.9	19.9	74	122.3	23.8	-99	-1.5	3.9
MSY => JFK	1019	145.6	10.7	865	144.9	13.6	-154	-0.6	3.0
ORD => JFK	2514	97.2	22.4	3436	100.0	21.4	922	2.8	-1.0
PHL => JFK	1528	29.9	16.6	2093	29.8	18.6	565	-0.1	1.9
PIT => JFK	920	60.5	13.3	955	66.6	12.7	35	2.1	-0.6
SEA => JFK	534	279.8	18.4	733	278.4	19.1	199	-1.4	0.7
SFO => JFK	2380	291.0	22.3	3273	292.5	22.8	893	1.5	0.5
STL => JFK	47	114.1	17.0	83	111.2	16.4	36	-2.9	-3.4
All => JFK	26388			31027			4639	0.7	1.1

TABLE III-3-10

AVERAGE YEARLY ATR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT LAX

ROUTE	1974			1975			DIFFERENCE		
	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK
ATL => LAX	2577	246.6	17.4	2443	247.0	19.8	-134	0.4	2.6
BOS => LAX	588	327.4	20.5	656	325.3	20.0	68	-2.1	-0.5
CLE => LAX	1298	267.4	14.7	1184	268.3	13.7	-114	0.4	-1.0
DEN => LAX	3041	113.7	14.0	3403	113.7	14.7	362	0.1	-0.7
DFW => LAX	4211	162.4	14.7	4519	162.1	14.9	308	-0.3	0.2
DTW => LAX	1205	252.3	15.7	1501	254.4	14.2	296	2.1	-1.5
EMR => LAX	953	323.6	17.0	1289	321.6	17.0	336	-2.0	-0.1
JFK => LAX	3419	317.4	24.8	4232	316.9	24.9	813	-0.5	0.1
MIA => LAX	401	293.0	22.9	406	287.0	20.4	5	-6.0	-2.6
MSP => LAX	1294	195.7	16.1	2371	196.4	15.7	1077	0.7	-0.3
MSY => LAX	705	213.8	13.8	881	214.1	15.3	176	0.3	1.5
ORD => LAX	6573	224.1	21.3	8069	222.9	21.3	1496	-1.2	-0.0
PHL => LAX	1376	310.2	17.6	1426	307.5	18.7	50	-2.7	1.0
PIT => LAX	236	266.7	18.1	361	268.1	16.5	125	1.4	-1.6
SEA => LAX	2021	121.2	13.0	3517	120.2	13.0	1496	-1.0	-0.0
SFO => LAX	9367	52.4	16.1	13671	51.6	15.5	4304	-0.8	-0.6
STL => LAX	1730	206.6	14.9	3094	207.9	15.3	1364	1.3	-1.6
ALL => LAX	40995			53023			12028	-0.5	-0.1

TABLE III-3-11

AVERAGE YEARLY AIR, RLUCK AND GROUND TIMFS
FOR ROUTE SEGMENTS ARRIVING AT LCA

ROUTE	1974			1975			DIFFERENCE		
	FLTFES	AVG ATR	AVG RLUCK	FLTFES	AVG ATR	AVG RLUCK	FLTFES	AVG ATR	AVG RLUCK
ATL => LCA	3763	100.5	117.2	4203	98.3	115.0	440	-2.2	-0.0
BOS => LCA	11537	41.8	57.5	11418	41.3	57.0	-119	-0.5	0.1
CLF => LCA	2644	65.6	78.0	3458	64.1	76.0	814	-1.5	-0.5
DCA => LCA	10767	44.3	59.3	10280	43.7	58.0	-487	-0.6	-0.7
DFW => LCA	2439	165.6	180.5	2738	164.6	179.1	299	-1.0	-0.5
DTH => LCA	3152	71.2	85.5	3013	71.8	85.5	-139	0.6	-0.6
MIA => LCA	3220	141.7	158.8	3206	141.6	157.6	-14	-0.0	-1.2
MSP => LCA	1622	129.7	152.2	1740	127.9	143.7	118	-1.8	0.6
MSY => LCA	717	142.5	155.4	827	141.5	153.1	110	-1.0	-1.4
ORD => LCA	7623	95.3	116.9	10077	94.1	114.3	2454	-1.2	-1.4
PHL => LCA	151	25.5	41.3	70	28.6	40.9	-81	3.1	-3.5
PIT => LCA	3723	58.0	70.5	4370	54.7	66.5	647	-3.3	-0.7
STL => LCA	1854	113.9	129.7	2182	112.2	127.6	328	-1.8	-0.4
ALL => LCA	53212			57582			4370	-1.0	-0.6

TABLE III-3-12

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT MTA

ROUTE	1974			1975			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
ATI => MTA	4745	80.0	17.8	5199	80.1	17.4	454	0.1	-0.4
RMS => MTA	1547	161.6	16.7	1819	161.8	15.7	272	0.1	-1.1
CLF => MTA	823	136.9	13.7	1070	139.3	13.7	247	2.3	0.0
DCA => MTA	2187	125.7	14.7	2419	122.5	14.0	232	-1.2	-0.7
DFW => MTA	1934	135.6	13.5	1784	136.3	12.6	-150	0.7	-0.9
DTW => MTA	1159	139.7	13.7	1229	140.6	12.2	70	0.9	-1.6
FMP => MTA	1957	142.1	14.0	2051	144.1	14.6	94	2.0	-1.4
JFK => MTA	3990	142.9	21.1	4218	142.9	21.7	228	-0.0	0.6
LAX => MTA	411	252.0	18.0	510	253.9	17.9	99	2.0	-0.1
LGA => MTA	2812	145.4	20.1	2882	145.6	19.0	70	0.1	-1.1
MSP => MTA				57	178.0	15.4			
MSY => MTA	1689	86.6	11.4	1827	86.3	11.1	138	-0.3	-0.3
ORD => MTA	2907	144.2	20.8	3308	147.1	19.8	401	2.9	-1.0
PHL => MTA	2111	132.7	14.0	1897	133.2	14.9	-214	0.5	0.5
PIT => MTA	935	130.9	13.0	1139	130.6	13.5	204	-0.3	0.5
SFO => MTA	217	280.7	29.8	271	280.5	18.2	54	-0.2	-11.6
STL => MTA	845	133.5	12.8	1168	133.7	12.1	323	0.2	-0.6
ALL => MTA	30269			32848			2579	0.5	-0.6

TABLE III-3-13

AVERAGE YEARLY AIR-LOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT MSP

ROUTE	-----1974-----			-----1975-----			-----DIFFERENCE-----			
	FLTTES	AVG ATR	AVG GND BLOCK	FLTTES	AVG ATR	AVG GND BLOCK	FLTTES	AVG ATR	AVG GND BLOCK	
ATI => MSP	1619	124.4	138.1	2030	124.2	139.0	411	-0.2	1.1	0.9
RDS => MSP	484	156.8	172.0	649	157.2	172.9	165	0.4	0.5	0.9
CLE => MSP	445	91.0	103.9	894	90.8	104.0	449	-0.2	0.2	0.1
DCA => MSP	1397	130.8	145.8	1580	132.0	148.4	-17	1.2	1.3	2.5
DFW => MSP	1532	86.2	10.4	2595	86.0	96.7	1063	-0.2	0.3	0.1
DFW => MSP	803	111.5	13.1	909	110.1	12.4	166	-1.4	-0.7	-2.1
DTW => MSP	604	78.5	14.2	925	78.8	13.8	321	0.4	-0.4	-0.0
JFK => MSP	171	147.0	21.8	74	150.9	20.2	-97	3.9	-1.6	2.4
LAX => MSP	1246	177.4	15.9	2370	177.3	16.2	1084	-0.1	0.3	0.2
LGA => MSP	1509	143.3	19.6	1709	143.9	18.3	200	0.7	-1.4	-0.7
MIA => MSP				56	200.3	19.4				
ORD => MSP	5835	55.5	19.8	7440	55.5	18.7	1645	0.0	-1.1	-1.1
PHL => MSP	425	140.1	15.2	570	140.5	15.0	145	0.4	-0.2	0.2
SEA => MSP	641	159.0	13.9	948	160.3	14.0	307	1.3	0.1	1.4
SFO => MSP	1036	140.9	13.6	1736	141.6	15.4	700	0.7	1.9	2.6
STL => MSP	878	65.3	11.9	1048	65.6	11.9	170	0.3	-0.0	0.3
ALI => MSP	18665			25433			6768	0.2	-0.1	0.1

TABLE III-3-14

AVERAGE YEARLY AIR, RLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT MSY

ROUTE	1970			1975			DIFFERENCE					
	FLITES	AVG AIR	AVG GND RLOCK	FLITES	AVG AIR	AVG GND RLOCK	FLITES	AVG AIR	AVG GND RLOCK			
ATL => MSY	3637	63.4	15.4	78.8	4043	64.3	15.6	79.9	406	0.9	0.3	1.2
RMS => MSY	245	179.1	16.3	195.3	359	183.6	16.2	199.8	114	4.5	-0.1	4.4
CLF => MSY					35	131.2	13.9	145.1				
DEN => MSY	363	125.0	10.0	135.1	286	125.9	11.1	137.0	-77	0.8	1.1	1.9
DFW => MSY	3216	59.6	12.4	72.0	3927	59.5	12.1	71.6	711	-0.2	-0.3	-0.4
DTW => MSY	58	122.7	13.0	135.7	9	130.3	13.0	143.3	-49	7.7	0.0	7.7
FHR => MSY	326	147.8	16.2	164.0	250	152.4	13.6	166.0	-76	4.5	-2.6	1.9
JFK => MSY	1372	155.4	22.3	177.7	1418	156.4	21.5	177.9	46	1.1	-0.8	0.3
LAX => MSY	468	187.9	18.7	206.6	443	187.5	15.1	202.6	-25	-0.4	-3.6	-3.9
LGA => MSY	437	160.9	16.8	177.7	412	162.2	16.7	178.9	-25	1.3	-0.2	1.2
MIA => MSY	1812	97.3	14.8	112.1	1866	97.8	14.3	112.1	54	0.5	-0.5	0.0
ORD => MSY	946	105.9	20.2	126.1	980	107.2	17.4	124.6	34	1.3	-2.8	-1.5
PHL => MSY	629	146.3	12.7	159.0	718	147.2	13.4	160.6	89	0.9	0.7	1.6
PIT => MSY	416	126.1	11.9	137.9	630	126.9	12.0	138.9	214	0.8	0.1	1.0
SFO => MSY	180	211.6	14.7	226.3	99	205.1	16.0	221.1	-81	-6.5	1.3	-5.2
STL => MSY	720	83.6	9.7	93.3	690	83.4	9.5	92.9	-30	-0.2	-0.2	-0.4
ALL => MSY	14825				16165				1340	0.7	-0.4	0.3

TABLE III-3-15

AVERAGE YEARLY AIR, RLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT ORD

ROUTE	1974			1975			DIFFERENCE			
	FLITES	AVR ATR	AVG GND	FLITES	AVR ATR	AVG RLOCK	FLITES	AVR ATR	AVG GND	AVG RLOCK
ATL => ORD	4424	93.5	17.5	4888	89.7	18.7	464	-3.8	1.2	-2.6
BDQ => ORD	4105	137.4	20.5	4627	132.3	19.7	522	-5.1	-0.9	-6.0
CLF => ORD	2823	63.5	16.8	3504	60.7	17.6	681	-2.9	0.8	-2.0
DC4 => ORD	6251	104.3	18.5	8084	101.0	17.7	1833	-3.3	-0.8	-4.1
DFW => ORD	5002	114.6	15.1	6330	112.8	15.8	1328	-1.8	0.6	-1.2
DTW => ORD	6365	111.4	16.1	6169	107.5	15.7	-196	-3.9	-0.3	-4.2
DTW => ORD	5108	49.4	16.8	6251	48.0	16.6	1143	-1.5	-0.1	-1.6
FWR => ORD	3281	119.6	20.2	5665	115.8	19.8	384	-3.8	-0.4	-4.2
JFK => ORD	2455	118.4	24.8	3578	116.2	25.2	1123	-2.3	0.4	-1.8
LAX => ORD	7166	205.2	19.2	8114	202.5	19.4	948	-2.7	0.2	-2.5
LGA => ORD	7958	119.1	25.8	10026	115.9	28.3	2068	-3.2	-1.5	-4.7
MIA => ORD	2543	164.7	16.0	2920	159.9	16.9	377	-4.8	0.9	-3.9
MSP => ORD	5672	58.5	17.2	6951	55.4	17.9	1279	-3.0	0.7	-2.3
MSY => ORD	911	123.5	9.8	1037	114.8	12.3	126	-8.8	2.5	-6.3
PHL => ORD	2976	112.6	20.4	4358	108.7	19.8	1382	-3.9	-0.7	-4.6
PIT => ORD	6381	76.3	18.4	7449	73.0	13.9	1068	-3.3	-0.4	-3.7
SFA => ORD	1998	201.6	18.1	2798	197.2	18.2	800	-4.4	0.1	-4.2
SFO => ORD	4491	215.6	21.4	5607	212.4	20.8	1116	-3.3	-0.6	-3.8
STL => ORD	5795	53.1	11.3	6735	49.6	12.5	940	-3.6	1.1	-2.4
ALL => ORD	85704			105090			17386	-3.3	-0.0	-3.2

TABLE III-3-16

AVERAGE YEARLY ATR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT PHL

ROUTE	1974			1975			DIFFERENCE		
	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK
ATL => PHL	5636	17.9	105.1	4209	17.5	105.3	573	-0.4	0.7
RMS => PHL	6921	57.1	71.2	6159	55.1	69.6	-762	-2.0	0.5
CLE => PHL	1530	56.1	72.2	1765	56.5	72.4	235	0.4	-0.1
DCA => PHL	1889	31.3	42.9	1053	31.0	45.0	-836	-0.3	2.2
DEN => PHL	433	180.8	16.1	429	182.8	200.9	-4	2.0	1.9
DFW => PHL	923	154.6	18.0	1145	155.4	172.8	222	0.8	-0.6
DTW => PHL	1412	66.0	81.6	2076	66.5	81.4	664	0.6	-0.7
EWB => PHL	1701	26.8	41.9	1561	27.8	43.3	-140	1.0	0.3
JFK => PHL	1311	29.9	51.4	1973	28.8	53.1	662	-1.1	2.7
LAX => PHL	1242	267.2	18.1	1593	268.4	18.9	351	1.2	0.8
LGA => PHL	268	29.2	47.1	539	29.0	47.5	271	-0.3	0.7
MIA => PHL	1866	129.2	14.9	1832	129.9	145.0	-34	0.7	0.2
MSP => PHL	469	123.3	16.2	624	121.7	139.9	155	-1.7	2.0
MSY => PHL	685	133.9	10.8	722	134.0	144.9	37	0.1	0.2
ORD => PHL	2847	88.9	21.5	3756	89.0	108.9	909	0.1	-1.6
PIT => PHL	6082	46.2	57.2	6404	45.4	56.6	322	-0.8	0.2
SFO => PHL	582	278.9	20.1	819	280.5	300.2	237	1.6	-0.4
STL => PHL	608	101.2	16.6	739	101.2	117.7	131	0.0	-0.1
ALL => PHL	34405			37398			2993	-0.4	0.3

TABLE III-3-17

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT PIT

ROUTE	1974			1975			DIFFERENCE		
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND
ATL => PTT	1946	73.7	17.2	2547	72.7	17.2	601	-1.0	-0.1
RNS => PTT	1753	79.8	13.2	2104	77.1	13.1	351	-2.8	-0.1
CLF => PTT	2522	26.4	12.0	2662	24.8	12.0	140	-1.6	-0.9
DCA => PTT	1609	39.5	15.7	2049	39.6	16.5	440	0.1	0.8
DEN => PTT	144	155.6	16.7	187	148.6	13.3	43	-7.0	-3.4
DFW => PTT	696	130.4	16.2	498	130.4	16.6	-198	0.1	0.4
DTW => PTT	2285	37.3	13.4	2601	35.9	11.9	316	-1.3	-1.5
FWR => PTT	2700	58.0	13.7	2835	56.4	13.3	135	-1.6	-0.4
JKF => PTT	674	58.2	19.0	680	59.2	15.8	6	1.0	-4.0
LAX => PTT	210	233.1	18.3	362	233.7	16.1	152	0.6	-2.2
LGA => PTT	3646	60.4	17.9	4551	57.7	17.0	905	-2.7	-0.9
MIA => PTT	935	131.9	14.9	1141	131.2	14.9	206	-0.7	0.0
MSY => PTT	475	113.5	13.8	685	112.2	12.9	210	-1.3	-0.9
ORD => PTT	6308	59.1	18.7	7156	57.4	17.5	848	-1.8	-1.1
PHL => PTT	5877	49.1	13.0	5694	46.7	13.4	-183	-2.4	0.4
SFO => PTT	143	255.7	20.4	156	253.4	17.6	13	-2.3	-2.8
STL => PTT	1587	75.0	11.6	2168	72.2	11.9	581	-2.8	0.4
ALL => PTT	33510			38076			4566	-1.8	-0.5

TABLE III-3-18

AVERAGE YEARLY ATR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT SEA

ROUTE	1970			1975			DIFFERENCE					
	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK	FLITES	AVG ATR	AVG BLOCK			
ROS => SFA	39	321.7	14.2	335.9								
DEN => SFA	1890	136.5	12.1	148.6	2133	137.4	12.8	150.2	243	0.8	0.7	1.6
DFW => SFA	732	216.6	12.3	229.0	815	215.5	12.3	227.8	83	-1.1	-0.1	-1.2
JFK => SFA	657	314.8	22.7	337.5	839	313.3	25.1	338.3	182	-1.6	2.4	0.9
LAX => SFA	1977	125.2	13.3	138.5	3129	125.4	13.4	138.8	1152	0.3	0.1	0.3
MSP => SFA	828	183.5	15.6	199.1	1271	184.7	15.4	200.1	443	1.1	-0.2	0.9
ORD => SFA	1023	223.9	22.0	246.8	2902	223.7	21.4	245.1	979	-0.2	-1.5	-1.7
SFO => SFA	3121	90.8	14.2	105.0	5253	90.8	13.4	104.2	2132	0.0	-0.8	-0.7
STL => SFA	488	221.1	12.2	233.2	354	223.0	12.2	235.2	-134	1.9	0.0	1.9
ALL => SFA	11655				16696				5041	0.1	-0.3	-0.1

TABLE III-3-19

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT SFO

ROUTE	1974			1975			DIFFERENCE		
	FLITES	AVG AIR	AVG GND	FLITES	AVG ATR	AVG GND	FLITES	AVG ATR	AVG GND
ATL => SFO	498	269.4	17.0	661	261.0	21.2	163	-8.4	4.2
BOS => SFO	465	337.3	21.7	690	334.9	20.0	225	-2.4	-1.6
CLF => SFO	235	279.3	15.6	341	279.8	14.1	106	0.5	-1.5
DEN => SFO	1853	177.9	12.8	2999	128.2	14.1	1146	0.2	1.3
DFW => SFO	3091	188.7	15.1	3225	188.1	15.9	134	-0.6	0.8
DIV => SFO	1184	268.0	14.6	1289	267.7	13.2	105	-0.3	-1.4
EMR => SFO	400	335.3	16.4	511	333.9	17.1	111	-1.4	0.7
JFK => SFO	2455	333.8	23.2	3225	330.5	23.6	790	-3.3	0.4
LAX => SFO	10330	51.5	13.8	14538	52.1	14.0	4199	0.6	0.1
MIA => SFO	217	327.3	18.1	272	319.5	17.4	55	-7.8	-0.6
MSP => SFO	968	205.0	14.3	1725	205.1	14.6	757	0.2	0.3
MSY => SFO	193	246.4	12.7	232	240.4	14.1	39	-6.0	1.5
ORD => SFO	4191	237.8	22.0	5167	237.6	21.0	976	-0.2	-1.0
PHL => SFO	479	330.0	19.3	703	327.3	18.9	224	-2.7	-0.5
PIT => SFO	143	291.2	16.2	155	290.0	13.4	12	-1.2	-2.9
SEA => SFO	2764	94.1	12.0	5328	92.5	11.9	2564	-1.6	-0.1
STL => SFO	493	222.8	16.7	808	222.0	16.2	315	-0.8	-0.5
ALL => SFO	29948			41869			11921	-0.7	0.1

TABLE III-3-20

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT STL

ROUTE	1974			1975			DIFFERENCE		
	FLITFS	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITFS	AVG AIR	AVG GND
ATL => STL	2715	73.1	14.5	3187	73.9	14.5	472	0.8	-0.1
RUS => STL	454	150.6	16.8	1013	149.3	16.5	559	-1.3	-0.3
CLF => STL	1466	74.3	12.2	2273	76.1	11.0	807	1.8	-1.2
DCA => STL	1237	107.8	14.3	2152	108.7	14.2	915	0.9	-0.2
DFW => STL	2011	97.8	13.3	2169	98.3	13.1	158	0.5	-0.2
DFW => STL	1997	76.3	12.8	2917	76.8	11.9	920	0.5	-0.9
DTW => STL	830	70.1	13.0	1200	71.3	11.4	370	1.2	-1.5
FWR => STL	365	126.2	16.9	706	128.4	14.2	341	2.1	-2.8
JFK => STL	228	129.2	24.5	506	128.6	27.6	278	-0.6	3.1
LAX => STL	1590	182.6	17.3	2855	183.6	16.2	1265	1.0	-1.1
LGA => STL	1876	128.9	20.4	2221	131.5	20.3	345	2.6	-0.1
MIA => STL	746	144.5	13.2	1049	144.7	12.6	303	0.2	-0.6
MSP => STL	946	63.2	11.9	1187	65.7	11.3	241	2.5	-0.6
MSY => STL	637	83.6	9.4	623	84.5	9.4	-14	0.8	-0.1
ORD => STL	5493	42.9	18.8	6140	45.5	16.6	647	2.6	-2.2
PHI => STL	764	117.9	17.5	988	118.7	15.7	224	0.8	-1.7
PIT => STL	1391	83.6	10.4	2012	84.6	10.4	621	0.9	0.0
SEA => STL	354	193.1	13.6	361	192.9	13.1	7	-0.2	-0.4
SFO => STL	705	104.1	17.1	903	195.7	16.3	198	1.6	-0.8
ALL => STL	25805			34462			8657	1.3	-0.9

0.5

TABLE III-4-1

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT ATL
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	1809	0:21	3537	0:17
FEB	3329	0:14	3674	0:17
MAR	3477	0:12	3913	0:14
APR	3259	0:11	3759	0:11
MAY	3493	0:12	4080	0:12
JUN	3166	0:13	3750	0:10
JUL	3176	0:12	3839	0:11
AUG	4126	0:13	4032	0:10
SEP	3540	0:14	3566	0:12
OCT	3537	0:10	3320	0:13
NOV	3694	0:13	3891	0:13
DEC	3410	0:15	3366	0:14
TOTAL	40016	0:13	44727	0:13

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-2

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT BOS
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	2137	0:06	3722	0:05
FEB	3472	0:09	3762	0:07
MAR	3694	0:06	3790	0:06
APR	3474	0:06	3588	0:07
MAY	3421	0:08	4302	0:09
JUN	3204	0:08	3376	0:10
JUL	3035	0:09	3246	0:11
AUG	4567	0:09	4329	0:09
SEP	3825	0:08	3619	0:08
OCT	3805	0:08	3536	0:07
NOV	4110	0:08	4035	0:07
DEC	3831	0:08	3434	0:10
TOTAL	42575	0:08	44739	0:08

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-3

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT CLE
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	435	0:02	2371	0:06
FEB	2297	0:06	2379	0:07
MAR	2526	0:05	2534	0:06
APR	2454	0:04	2434	0:05
MAY	1258	0:04	2708	0:05
JUN	1060	0:04	2347	0:04
JUL	1074	0:04	2345	0:03
AUG	3005	0:04	2689	0:04
SEP	2682	0:05	2456	0:04
OCT	2727	0:05	2079	0:03
NOV	2112	0:05	2633	0:05
DEC	1953	0:05	1813	0:06
TOTAL	23583	0:05	28788	0:05

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-4

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT DCA
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	2135	0:09	3834	0:07
FEB	3458	0:07	3577	0:07
MAR	3869	0:06	3924	0:07
APR	3808	0:07	3820	0:06
MAY	3593	0:07	4170	0:07
JUN	3146	0:07	3764	0:07
JUL	2935	0:06	3723	0:07
AUG	4065	0:07	3971	0:06
SEP	3769	0:11	3647	0:07
OCT	3935	0:10	3778	0:07
NOV	3379	0:07	3756	0:08
DEC	3219	0:07	3289	0:08
TOTAL	41111	0:08	44753	0:07

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-5

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT DEN
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	537	0:05	2597	0:08
FEB	2279	0:05	2334	0:07
MAR	2528	0:08	2551	0:08
APR	2417	0:04	2347	0:08
MAY	1085	0:02	2539	0:03
JUN	987	0:02	2162	0:02
JUL	1013	0:00	2225	-0:02
AUG	3058	0:01	2880	0:00
SEP	2627	0:04	2552	0:02
OCT	2548	0:03	2603	0:03
NOV	2345	0:04	2518	0:05
DEC	2433	0:05	2117	0:06
TOTAL	23857	0:04	29425	0:04

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-6

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT DFW
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN			3353	0:13
FEB	2876	0:09	3341	0:12
MAR	2962	0:10	3480	0:13
APR	2858	0:09	3416	0:12
MAY	3503	0:06	3687	0:09
JUN	3208	0:04	3334	0:04
JUL	3172	0:01	3422	0:03
AUG	3935	0:04	3926	0:02
SEP	3412	0:08	3294	0:04
OCT	3545	0:06	3272	0:04
NOV	3531	0:08	3523	0:07
DEC	3347	0:12	3341	0:08
TOTAL	36347	0:07	41389	0:08

----ALL TIMES ARE IN HOURS AND MINUTES----

TABLE III-4-7

AVFRAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT DTW
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	960	0:03	2592	0:06
FEB	2528	0:04	2723	0:05
MAR	2710	0:05	2892	0:04
APR	2590	0:03	2705	0:03
MAY	2290	0:04	2913	0:04
JUN	1861	0:02	2515	0:04
JUL	1831	0:05	2501	0:03
AUG	3576	0:03	3132	0:04
SEP	2930	0:04	2744	0:04
OCT	2892	0:04	1779	0:03
NOV	1961	0:04	2948	0:04
DEC	1636	0:06	2555	0:07
TOTAL	27765	0:04	31999	0:04

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-8

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT EWR
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	605	0:04	1877	0:03
FEB	1973	0:04	2178	0:04
MAR	2178	0:04	2278	0:05
APR	2105	0:06	2165	0:04
MAY	1610	0:07	2379	0:08
JUN	1454	0:08	2037	0:09
JUL	1326	0:10	1957	0:09
AUG	2450	0:10	2409	0:07
SEP	2063	0:09	1830	0:06
OCT	2071	0:09	1597	0:07
NOV	2065	0:07	2265	0:08
DEC	1757	0:05	1955	0:07
TOTAL	21657	0:07	24927	0:06

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-9

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT JFK
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	821	0:09	1996	0:09
FEB	2111	0:09	2290	0:08
MAR	2067	0:07	2482	0:10
APR	1865	0:10	2163	0:08
MAY	1539	0:13	2509	0:12
JUN	1441	0:16	2141	0:17
JUL	1319	0:17	2099	0:19
AUG	2376	0:18	2677	0:15
SEP	2024	0:13	2013	0:13
OCT	1866	0:13	1725	0:11
NOV	1875	0:11	2050	0:17
DEC	1836	0:10	1702	0:16
TOTAL	21140	0:12	25847	0:13

----ALL TIMES ARE IN HOURS AND MINUTES----

TABLE III-4-10

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT LAX
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	1044	0:24	4120	0:11
FEB	3847	0:12	4066	0:13
MAR	4028	0:15	4406	0:15
APR	3759	0:10	4139	0:16
MAY	2043	0:12	4500	0:06
JUN	1854	0:04	3928	0:06
JUL	1827	-0:01	3960	-0:01
AUG	5013	0:05	4982	0:03
SEP	4402	0:07	4236	0:05
OCT	4441	0:09	4052	0:07
NOV	3569	0:09	4229	0:08
DEC	3507	0:11	3574	0:08
TOTAL	39334	0:09	50192	0:08

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-11

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT LGA
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	2926	0:07	4500	0:07
FEB	4353	0:07	4224	0:07
MAR	4720	0:06	4622	0:08
APR	4763	0:07	4533	0:06
MAY	4024	0:09	5053	0:09
JUN	3619	0:12	4554	0:10
JUL	3195	0:12	4400	0:10
AUG	5144	0:13	4946	0:09
SEP	4687	0:14	4667	0:08
OCT	4878	0:13	4707	0:07
NOV	4627	0:12	4944	0:15
DEC	4362	0:09	4305	0:13
TOTAL	51298	0:10	55455	0:09

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-12

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT MTA
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	1503	0:06	2329	0:09
FEB	2287	0:06	2508	0:09
MAR	2585	0:06	2774	0:04
APR	2485	0:04	2518	0:02
MAY	2452	0:04	2527	0:04
JUN	2295	0:06	2461	0:04
JUL	2043	0:05	2503	0:05
AUG	2185	0:06	2511	0:05
SEP	1906	0:06	1705	0:07
OCT	1956	0:04	1586	0:06
NOV	1910	0:07	1947	0:07
DEC	1759	0:07	1755	0:09
TOTAL	25366	0:05	27124	0:06

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-13

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT MSP
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	174	0:04	2137	0:06
FEB	1888	0:05	2189	0:04
MAR	2087	0:06	2402	0:04
APR	1970	0:04	2273	0:04
MAY	1549	0:05	2289	0:02
JUN	1207	0:02	2111	0:02
JUL	1224	0:01	2171	0:01
AUG	2462	0:01	2144	0:01
SEP	2264	0:02	2148	0:02
OCT	2350	0:03	1068	0:01
NOV	603	0:03	2131	0:03
DEC	617	0:05	2071	0:06
TOTAL	18395	0:03	25134	0:03

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-14

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT MSY
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	667	0:09	1315	0:11
FEB	1236	0:07	1306	0:09
MAR	1229	0:06	1374	0:08
APR	1090	0:05	1301	0:07
MAY	1438	0:03	1482	0:05
JUN	1308	0:04	1349	0:03
JUL	1183	0:03	1257	0:03
AUG	1339	0:04	1456	0:03
SEP	1075	0:05	1131	0:04
OCT	1156	0:02	1113	0:05
NOV	1325	0:05	1325	0:07
DEC	1221	0:08	1136	0:07
TOTAL	14267	0:05	15545	0:06

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-15

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT ORD
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	2341	0:16	8356	0:20
FEB	7559	0:17	8213	0:18
MAR	8079	0:17	8904	0:14
APR	7740	0:13	8029	0:16
MAY	4742	0:14	9040	0:11
JUN	5992	0:14	7343	0:12
JUL	5990	0:13	7352	0:09
AUG	9840	0:19	9431	0:10
SEP	8494	0:24	8017	0:12
OCT	8502	0:23	7012	0:17
NOV	7832	0:16	8530	0:18
DEC	7435	0:18	6946	0:16
TOTAL	80338	0:18	97172	0:14

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-16

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT PHL
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	1207	0:09	3045	0:08
FEB	2798	0:08	2986	0:08
MAR	2673	0:06	2771	0:07
APR	2503	0:07	2660	0:06
MAY	2509	0:11	3343	0:09
JUN	2224	0:10	2892	0:10
JUL	2114	0:11	2906	0:10
AUG	3674	0:11	3248	0:10
SEP	3190	0:10	2802	0:09
OCT	3172	0:10	2542	0:08
NOV	3030	0:09	3005	0:08
DEC	2914	0:09	2449	0:08
TOTAL	32008	0:09	34649	0:09

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-17

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT PIT
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	936	0:05	3295	0:06
FEB	2870	0:04	3089	0:08
MAR	2573	0:03	2911	0:05
APR	2406	0:03	2703	0:03
MAY	2005	0:04	3424	0:03
JUN	1901	0:04	2845	0:04
JUL	1947	0:06	2848	0:04
AUG	3970	0:07	3433	0:04
SEP	3560	0:09	3187	0:03
OCT	3660	0:07	2979	0:03
NOV	3307	0:07	3295	0:03
DEC	3240	0:07	2899	0:05
TOTAL	32375	0:06	36908	0:04

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-18

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT SEA
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	69	0:02	1374	0:11
FEB	1176	0:07	1296	0:06
MAR	1311	0:07	1419	0:05
APR	1251	0:03	1359	0:00
MAY	457	0:02	1515	0:01
JUN	419	-0:04	1447	0:00
JUL	446	-0:07	1450	-0:05
AUG	1663	-0:02	1630	0:00
SEP	1503	-0:00	1429	-0:02
OCT	1488	-0:01	1261	0:04
NOV	924	0:05	1412	0:07
DEC	910	0:08	1012	0:09
TOTAL	11617	0:02	16604	0:03

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE III-4-19

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT SFO
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DFLAY
JAN	355	0:29	3175	0:11
FEB	3148	0:11	3114	0:12
MAR	3297	0:14	3317	0:13
APR	3111	0:09	3180	0:10
MAY	1075	0:08	3578	0:03
JUN	1014	0:03	3328	0:04
JUL	936	-0:01	3420	-0:00
AUG	4129	0:04	4067	0:03
SEP	3478	0:04	3385	0:03
OCT	3445	0:04	3276	0:07
NOV	2671	0:07	3486	0:08
DEC	2627	0:09	2735	0:08
TOTAL	29287	0:07	40060	0:07

----ALL TIMES ARE IN HOURS AND MINUTES----

TABLE III-4-20

AVERAGE AIRBORNE DELAYS BY MONTH
 SUMMARY OF FLIGHTS ARRIVING AT STL
 FROM 19 STUDY AIRPORTS

	-----1974-----		-----1975-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	895	0:07	2740	0:08
FEB	2006	0:06	2646	0:09
MAR	2169	0:05	2865	0:08
APR	2081	0:04	2644	0:07
MAY	1616	0:04	2985	0:05
JUN	1443	0:03	2680	0:04
JUL	1402	0:03	2660	0:04
AUG	3021	0:04	3131	0:04
SEP	2701	0:05	2737	0:05
OCT	2739	0:04	2738	0:04
NOV	2545	0:05	2880	0:07
DEC	2424	0:07	2895	0:09
TOTAL	25042	0:05	33601	0:06

----ALL TIMES ARE IN HOURS AND MINUTES----

TABLE III-5-1

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT ATI FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:11	245		
01				
02			0:10	179
03	0:12	127	0:17	173
04	0:04	56	0:08	176
05	0:04	2067	0:05	2264
06			0:13	12
07				
08	0:04	443	0:12	244
09	0:17	3719	0:16	4126
10	0:11	3232	0:16	3031
11	0:15	3823	0:17	4506
12	0:12	1625	0:13	2483
13	0:12	2161	0:13	2034
14	0:11	2444	0:09	2742
15	0:14	4875	0:13	4792
16	0:06	1758	0:06	2707
17	0:12	3084	0:11	3756
18	0:11	1204	0:11	1139
19	0:16	6833	0:13	7849
20	0:07	1211	0:07	760
21	0:11	2861	0:12	3301
22	0:15	31		
23	0:13	5222	0:13	6405
TOTAL	0:13	47281	0:13	52679

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-2

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT BOS FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:04	888	0:05	746
01	0:09	754	0:09	564
02	0:15	161	0:13	742
03	0:11	471	0:07	103
04			0:09	58
05	0:06	160	0:06	76
06	0:13	33		
07	0:06	776	0:08	708
08	0:06	1569	0:09	1635
09	0:09	2568	0:09	2932
10	0:08	2642	0:08	3110
11	0:08	2065	0:08	1763
12	0:07	2669	0:08	2435
13	0:09	2569	0:09	2844
14	0:08	2813	0:08	2998
15	0:07	3005	0:07	3186
16	0:06	2228	0:07	2361
17	0:08	3607	0:07	4300
18	0:10	2560	0:08	2881
19	0:08	3848	0:08	4399
20	0:09	3856	0:09	3557
21	0:07	2682	0:07	2595
22	0:06	1576	0:06	1681
23	0:07	990	0:06	1092
TOTAL	0:08	44490	0:08	46766

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-3

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS

ARRIVING AT CLF FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:06	225	0:05	254
01			=0:02	37
02	=0:03	219	=0:01	276
03				
04			=0:01	22
05				
06	=0:03	356		
07			0:01	11
08	0:06	581	0:08	1107
09	0:06	1330	0:05	2281
10	0:06	1718	0:06	2601
11	0:03	1136	0:02	851
12	0:03	984	0:02	1164
13	0:05	1458	0:04	2026
14	0:07	1749	0:05	1653
15	0:04	1065	0:06	1424
16	0:04	2663	0:05	2563
17	0:04	1630	0:04	2092
18	0:05	2653	0:04	3832
19	0:03	1833	0:04	2161
20	0:06	2057	0:06	2713
21	0:05	1504	0:06	1215
22	0:07	676	0:05	1106
23	0:05	497	0:04	640
TOTAL	0:05	24334	0:05	30029

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-4

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DCA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00				
01				
02				
03				
04				
05				
06				
07	0:08	1179	0:05	905
08	0:11	1872	0:10	2510
09	0:11	3372	0:09	3444
10	0:09	2000	0:10	2388
11	0:05	2136	0:06	2896
12	0:10	1936	0:08	2084
13	0:04	3330	0:05	3913
14	0:06	3090	0:06	2489
15	0:08	3315	0:07	3468
16	0:09	2320	0:08	2869
17	0:08	3098	0:07	2609
18	0:08	2817	0:07	3567
19	0:07	3204	0:06	3524
20	0:07	3758	0:07	4618
21	0:06	3512	0:04	3233
22	0:05	1140	0:05	1317
23	0:09	6		
TOTAL	0:08	42085	0:07	45834

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-5

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DFN FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00			0:04	184
01	0:04	358	0:04	432
02	0:02	179	0:02	265
03	0:02	569	0:02	604
04	0:02	246	0:03	204
05				
06	0:03	155	0:10	80
07	0:05	14	0:08	8
08	0:05	717	0:04	788
09	0:04	1400	0:04	1697
10	0:02	2049	0:01	2346
11	0:05	1670	0:06	2560
12	0:04	1238	0:05	1165
13	0:05	2765	0:05	3390
14	0:04	1527	0:05	1837
15	0:03	1632	0:03	2471
16	0:03	1169	0:04	1161
17	0:06	1774	0:06	2698
18	0:04	2057	0:03	2377
19	0:05	1948	0:06	2528
20	0:04	1399	0:04	1398
21	0:02	1114	0:03	1288
22	0:03	373	0:02	762
23	0:13	8		
TOTAL	0:04	24361	0:04	30243

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-6
HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DFW FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:05	591	0:04	841
01	0:04	788	0:06	665
02	0:01	771	0:00	901
03	0:02	1175	0:02	1080
04	0:12	451	0:08	716
05	0:01	1198	0:01	2344
06	0:01	726	0:08	406
07	0:07	332	0:04	292
08	0:07	627	0:07	939
09	0:09	32	0:18	116
10	0:07	1118	0:04	1103
11	0:09	4241	0:09	5003
12	0:05	2374	0:07	1481
13	0:09	2642	0:09	2972
14	0:07	1645	0:07	2015
15	0:06	2818	0:06	2661
16	0:09	2680	0:09	2983
17	0:08	3432	0:09	4015
18	0:07	2318	0:07	2645
19	0:09	2328	0:11	2061
20	0:06	3728	0:08	4750
21	0:07	2046	0:07	2399
22	0:11	900	0:13	1414
23	0:09	1060	0:09	1009
TOTAL	0:07	40021	0:07	44811

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-7

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DTW FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:03	1203	0:02	1075
01	0:03	316	0:05	195
02	0:03	154	0:04	476
03	0:03	62	0:01	41
04	0:05	313	0:06	482
05				
06	0:01	617	0:00	428
07	0:05	475	0:05	654
08	0:07	746	0:06	1131
09	0:04	1899	0:04	2135
10	0:03	1279	0:04	1979
11	0:04	1321	0:04	1441
12	0:03	1294	0:03	1831
13	0:04	2214	0:04	2127
14	0:05	617	0:04	1162
15	0:03	1554	0:04	1489
16	0:05	3072	0:05	4187
17	0:05	2369	0:05	2235
18	0:04	1332	0:04	1187
19	0:03	3295	0:03	3598
20	0:03	2781	0:04	2835
21	0:04	925	0:05	1887
22	0:04	1142	0:03	1007
23	0:04	999	0:04	436
TOTAL	0:04	29979	0:04	34019

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-8

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT EWR FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:01	670	0:03	737
01	0:05	229	0:06	125
02	0:08	329	0:03	124
03	0:07	2	0:04	241
04	0:03	223	0:02	249
05				
06	0:04	328	0:05	195
07	0:06	155	0:06	166
08	0:07	1048	0:07	1084
09	0:05	1447	0:05	1923
10	0:07	596	0:06	669
11	0:06	1910	0:05	2059
12	0:06	525	0:05	745
13	0:05	666	0:04	667
14	0:07	1318	0:07	1472
15	0:06	1285	0:05	1431
16	0:05	970	0:05	1592
17	0:08	2616	0:10	3038
18	0:15	1088	0:10	1256
19	0:06	1853	0:05	2378
20	0:09	1972	0:07	2237
21	0:08	1811	0:07	2174
22	0:05	1715	0:04	1635
23	0:02	208	0:04	301
TOTAL	0:07	22964	0:06	26498

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-9
 HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
 ARRIVING AT JFK FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:10	2110	0:10	1984
01	0:07	794	0:06	676
02	0:08	1066	0:06	1277
03	0:06	514	0:03	321
04	0:04	257	0:07	158
05	0:14	63		
06	0:07	1464	0:11	1904
07	0:08	617	0:07	1055
08	0:09	316	0:09	612
09	0:09	575	0:09	772
10	0:09	560	0:14	130
11	0:09	345	0:05	258
12	0:09	1148	0:06	890
13	0:08	876	0:09	872
14	0:07	1186	0:08	1931
15	0:13	2281	0:11	1654
16	0:14	2626	0:16	3442
17	0:16	2702	0:19	4493
18	0:19	1099	0:17	2086
19	0:14	2180	0:14	2732
20	0:15	1817	0:17	1658
21	0:12	830	0:11	889
22	0:09	355	0:09	645
23	0:07	607	0:08	587
TOTAL	0:12	26388	0:12	31027

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-10

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS

ARRIVING AT LAX FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:13	1164	0:08	1369
01	0:19	1334	0:18	1687
02	0:21	1155	0:21	953
03	0:11	433	0:12	599
04	0:13	906	0:10	1510
05	0:08	672	0:14	730
06	0:15	812	0:13	615
07	0:10	182	0:12	62
08	0:07	880	0:07	1747
09	0:08	1849	0:05	1904
10	0:08	2139	0:06	3442
11	0:09	3943	0:08	3744
12	0:08	2429	0:07	3607
13	0:06	1657	0:06	1874
14	0:06	3229	0:06	4207
15	0:11	1940	0:10	2882
16	0:07	1352	0:05	2307
17	0:13	1260	0:14	1413
18	0:09	3035	0:08	4323
19	0:06	3165	0:05	3590
20	0:06	2935	0:07	4493
21	0:11	2839	0:09	2485
22	0:11	176	0:09	1522
23	0:03	1209	0:02	1956
TOTAL	0:09	40995	0:08	53023

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-11

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT LGA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:02	525	0:03	593
01			0:03	9
02				
03				
04				
05				
06				
07	0:08	1073	0:06	1052
08	0:07	1715	0:08	1803
09	0:13	3463	0:11	3683
10	0:10	3608	0:08	3303
11	0:08	3364	0:09	3970
12	0:08	2910	0:07	3409
13	0:08	3750	0:07	2995
14	0:07	4320	0:06	4914
15	0:09	3494	0:08	4447
16	0:10	3597	0:09	3180
17	0:12	3366	0:11	4709
18	0:14	3233	0:12	3594
19	0:14	3976	0:12	4406
20	0:13	4075	0:09	4876
21	0:10	3914	0:07	4415
22	0:06	2403	0:05	1824
23	0:04	426	0:05	400
TOTAL	0:10	53212	0:09	57582

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-12

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT MIA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:02	2268	0:04	2468
01	0:04	335	0:07	642
02	0:03	354	0:01	541
03	0:05	197	0:03	241
04			0:13	25
05			0:01	20
06	-0:23	13	-0:30	12
07	0:03	319	0:01	321
08	0:11	39	0:07	65
09				
10	0:00	89	0:01	144
11	0:06	3422	0:07	3506
12	0:07	5374	0:06	6543
13	0:07	1675	0:06	1711
14	0:06	1653	0:06	1735
15	0:06	2737	0:06	2638
16	0:03	1486	0:03	1158
17	0:04	1644	0:06	1728
18	0:09	249	0:05	652
19	0:07	1211	0:06	1221
20	0:04	3296	0:05	3537
21	0:06	1161	0:08	430
22	0:05	658	0:04	1176
23	0:05	2089	0:05	2333
TOTAL	0:05	30269	0:05	32848

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-13
 HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
 ARRIVING AT MSP FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE ATR DELAY*	NUMBER OF ARRIVALS	AVERAGE ATR DELAY*	NUMBER OF ARRIVALS
00	0:02	71	0:03	90
01	0:03	169	0:03	262
02	0:04	27		
03				
04	0:03	177		
05	0:04	92	0:04	305
06	0:01	696	-0:01	1232
07				
08	0:04	358	0:04	414
09	0:06	765	0:05	1246
10	0:02	1519	0:02	1665
11	0:04	1403	0:03	1831
12	0:05	297	0:05	588
13	0:02	1223	0:03	1449
14	0:03	1791	0:03	2244
15	0:02	541	0:00	1070
16	0:05	1958	0:06	2155
17	0:03	1235	0:03	2284
18	0:02	1848	0:03	2643
19	0:04	2084	0:05	2267
20	0:06	535	0:04	813
21	0:02	1090	0:01	1761
22	0:03	516	0:03	905
23	-0:05	270	-0:05	209
TOTAL	0:03	18665	0:03	25433

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE ATR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-14

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT MSY FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:08	347	0:04	360
01	0:05	75	0:09	28
02				
03	0:05	313	0:05	188
04	0:11	89	0:12	197
05				
06	0:09	261	0:07	240
07				
08	0:06	464	0:07	664
09	0:07	223	0:08	268
10	0:08	1037	0:08	1233
11	0:05	1357	0:07	1177
12	0:06	895	0:06	1635
13	0:00	854	0:00	750
14	0:10	1337	0:09	1348
15	0:00	1511	0:03	1458
16	0:05	1047	0:05	1178
17	0:07	596	0:09	864
18	0:01	1065	0:03	736
19	0:03	583	0:03	901
20	0:07	1909	0:07	1803
21	0:13	81		
22	0:02	197	0:06	517
23	0:03	584	0:06	620
TOTAL	0:05	14825	0:06	16165

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-15

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT ORD FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:07	1180	0:07	771
01	0:09	1367	0:07	1762
02	0:09	839	0:09	735
03	0:09	1190	0:08	1404
04	0:05	446	0:03	708
05	0:05	1786	0:04	2857
06	0:05	1249	0:03	934
07	0:08	1375	0:06	1926
08	0:13	3320	0:12	3851
09	0:19	5492	0:18	7070
10	0:12	3752	0:10	4960
11	0:13	6249	0:11	6794
12	0:16	5188	0:15	5684
13	0:15	5536	0:12	6850
14	0:12	4704	0:11	5589
15	0:15	5470	0:15	6715
16	0:22	6204	0:17	7576
17	0:27	6385	0:22	6928
18	0:27	4985	0:18	5767
19	0:28	5959	0:18	8979
20	0:24	5862	0:15	7021
21	0:14	3501	0:11	3997
22	0:08	1337	0:07	1484
23	0:07	2329	0:06	2728
TOTAL	0:17	85704	0:14	103090

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-16

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT PHL FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:05	656	0:07	893
01	0:03	204	0:05	269
02	0:07	652	0:06	628
03	0:05	119		
04	0:03	93	0:03	166
05	0:06	64		
06	0:12	94	0:10	136
07	0:08	1227	0:07	809
08	0:11	1411	0:10	1850
09	0:12	3020	0:11	2879
10	0:13	758	0:09	1523
11	0:10	2354	0:10	2300
12	0:10	1599	0:09	1981
13	0:10	1672	0:08	1630
14	0:09	2291	0:08	2023
15	0:08	2171	0:08	2600
16	0:08	2398	0:07	2883
17	0:10	2430	0:11	2121
18	0:10	1942	0:11	2016
19	0:08	2719	0:07	3083
20	0:07	2026	0:07	2526
21	0:08	2282	0:08	2931
22	0:07	1422	0:07	1362
23	0:08	821	0:07	789
TOTAL	0:09	34405	0:08	37398

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-17

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT PIT FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:02	176	0:01	139
01	0:08	33	-0:01	128
02				
03				
04				
05				
06				
07	0:05	530	0:05	645
08	0:07	2764	0:06	2730
09	0:08	2160	0:06	2708
10	0:08	1390	0:06	1731
11	0:06	1772	0:04	1843
12	0:06	1697	0:03	2072
13	0:04	2285	0:02	2184
14	0:05	2460	0:04	2091
15	0:05	1216	0:06	1282
16	0:06	3286	0:04	4724
17	0:07	2059	0:06	2268
18	0:07	2667	0:05	1804
19	0:05	1930	0:04	3175
20	0:05	2671	0:04	2747
21	0:06	1798	0:03	2934
22	0:05	1987	0:03	2333
23	0:04	629	0:06	538
TOTAL	0:06	33510	0:04	38076

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-18

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT SEA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00				
01				
02			0:05	265
03	0:03	191	0:05	409
04	0:03	272	0:02	388
05	0:06	228	0:07	163
06				
07				
08				
09	0:07	314	0:06	773
10	0:04	956	0:06	1038
11	-0:01	878	0:02	984
12	-0:02	1647	-0:00	2781
13	-0:02	732	-0:01	1123
14	0:05	209	0:02	544
15	0:02	957	0:02	1018
16	0:01	488	0:05	1057
17	0:05	457	0:06	491
18	0:06	751	0:08	759
19	0:03	808	0:03	1199
20	0:02	1326	0:05	1778
21	0:02	765	-0:00	1170
22	0:04	639	0:06	664
23	0:05	38	0:06	92
TOTAL	0:02	11655	0:03	16696

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-19
 HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
 ARRIVING AT SFO FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:01	575	0:01	799
01	0:02	156	0:01	631
02	-0:01	460	-0:02	651
03	-0:00	953	-0:00	761
04	0:04	140	0:06	24
05	0:07	174	0:05	421
06	0:17	492	0:21	630
07	0:05	458	0:05	520
08	0:06	890	0:06	1215
09	0:09	898	0:08	1880
10	0:00	1824	-0:01	1797
11	0:05	2260	0:05	2887
12	0:09	2847	0:05	4242
13	0:04	1423	0:06	1730
14	0:16	1799	0:15	2403
15	0:07	2158	0:05	2622
16	0:07	1072	0:07	2228
17	0:05	1235	0:07	1105
18	0:06	2364	0:05	3774
19	0:12	3340	0:09	3743
20	0:08	1446	0:09	3273
21	0:07	1676	0:09	1731
22	0:09	1244	0:07	1717
23	0:04	64	0:11	1085
TOTAL	0:07	29948	0:07	41869

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE III-5-20

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT STL FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1974-----		-----1975-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:01	330	0:02	320
01	0:01	357	0:03	170
02				
03				
04				
05	0:03	226	0:04	732
06	0:02	385	0:02	689
07	0:05	358	0:06	313
08	0:06	1340	0:06	1941
09	0:04	2187	0:07	3175
10	0:07	1536	0:09	1522
11	0:06	715	0:06	1296
12	0:06	1634	0:08	2010
13	0:04	2058	0:05	3173
14	0:03	1424	0:04	1373
15	0:05	2024	0:07	2695
16	0:04	1940	0:07	2545
17	0:04	1795	0:05	2835
18	0:06	1427	0:07	1288
19	0:06	2538	0:07	2442
20	0:03	1247	0:07	2420
21	0:04	1122	0:05	1448
22	0:04	839	0:03	1542
23	0:01	323	0:03	583
TOTAL	0:05	25805	0:06	34462

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

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