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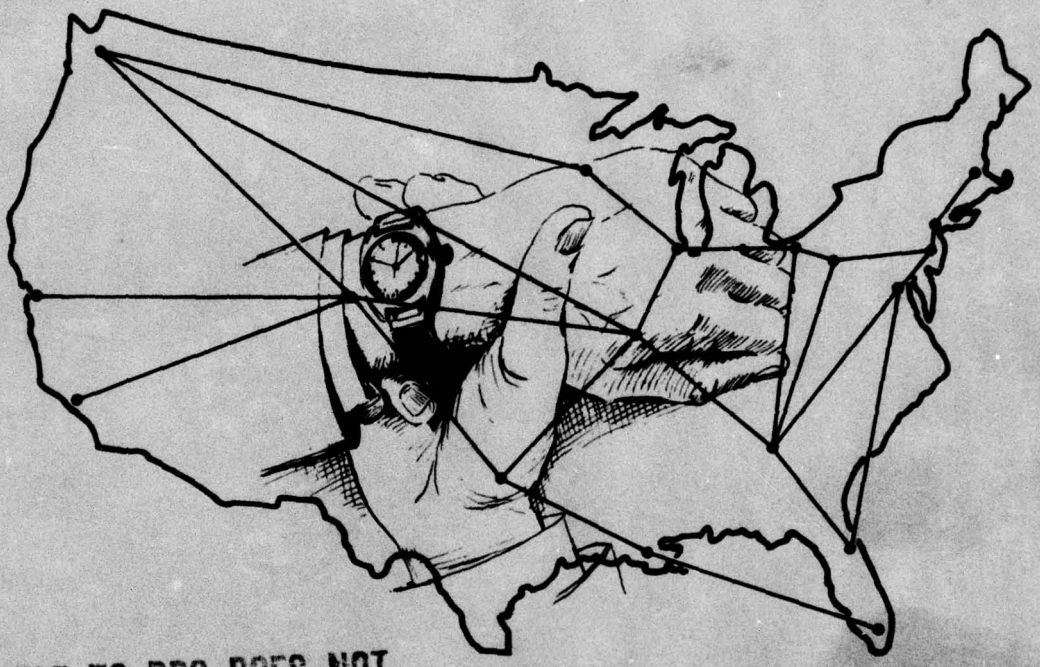
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AIRLINE DELAY TRENDS
1974-1975

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



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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

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(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. There 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 routes 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.

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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		
tsp	teaspoons	5	milliliters	ml
Tbsp	tablespoons	15	milliliters	ml
fl oz	fluid ounces	30	milliliters	ml
c	cups	0.24	liters	l
pt	pints	0.47	liters	l
qt	quarts	0.95	liters	l
gal	gallons	3.8	liters	l
ft^3	cubic feet	0.03	cubic meters	m^3
yd^3	cubic yards	0.76	cubic meters	m^3
		TEMPERATURE (exact)		
	Fahrenheit temperature	5/9 (after subtracting 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
m	meters	1.1	yards	yd
km	kilometers	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
l	liters	0.26	gallons	gal
m^3	cubic meters	36	cubic feet	ft^3
m^3	cubic meters	1.3	cubic yards	yd^3
		TEMPERATURE (exact)		
°C	Celsius temperature	9/5 (then add 32)	Fahrenheit temperature	

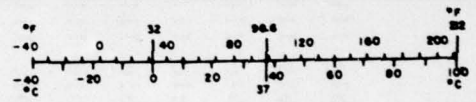


TABLE A MAJOR AIRPORTS AND AIR CARRIERS INCLUDED IN STUDY

	AIRPORT CODE	AIRPORT NAME
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

	AIRLINE CODE	AIRLINE NAME
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)

	FROM		TO		FROM		TO
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.

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TABLE I-1

NOMINAL AIRBORNE TIMES
DEPARTING ATL

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
ATL	BOS	946	1:50	
ATL	CLE	554	1:13	
ATL	DCA	547	1:07	
ATL	DFW	731	1:35	
ATL	DTW	595	1:18	
ATL	EWR	745	1:27	
ATL	JFK	760	1:26	
ATL	LAX	1946	3:36	
ATL	LGA	761	1:31	
ATL	MIA	595	1:15	
ATL	MSP	906	1:59	
ATL	MSY	425	0:57	
ATL	ORD	606	1:15	
ATL	PHL	665	1:17	
ATL	PIT	526	1:10	
ATL	SFO	2139	4:26	
ATL	STL	484	1:06	

NOMINAL AIRBORNE TIMES
DEPARTING BOS

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
BOS	ATL	946	2:06	
BOS	CLE	563	1:19	
BOS	DCA	599	0:59	1:30
BOS	DEN	1766	3:56	
BOS	DFW	1561	3:35	
BOS	DTW	632	1:29	
BOS	EWR	201	0:40	0:40
BOS	JFK	187	0:29	
BOS	LAX	2611	5:36	
BOS	LGA	185	0:30	0:38
BOS	MIA	1258	2:32	
BOS	MSP	1124	2:40	
BOS	MSY	1367	2:59	
BOS	ORD	867	1:48	
BOS	PHL	280	0:42	1:24
BOS	PIT	496	1:15	2:02
BOS	SEA	2496	5:46	
BOS	SFO	2704	5:48	
BOS	STL	1046	2:24	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES DEPARTING CLE

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
CLE	ATL	554	1:19	
CLE	BOS	563	1:04	
CLE	DCA	310	0:47	
CLE	DEN	1213	2:42	
CLE	DFW	1021	2:15	
CLE	DTW	95	0:18	0:24
CLE	EWR	404	0:57	
CLE	JFK	425	1:00	
CLE	LAX	2053	4:27	
CLE	LGA	419	0:49	
CLE	MIA	1080	2:20	
CLE	MSP	622	1:30	
CLE	MSY	917	2:17	
CLE	ORD	316	0:50	
CLE	PHL	363	0:49	
CLE	PIT	105	0:15	0:26
CLE	SFO	2161	4:45	
CLE	STL	487	1:06	

NOMINAL AIRBORNE TIMES DEPARTING DCA

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
DCA	ATL	547	1:19	2:06
DCA	BOS	399	0:53	1:10
DCA	CLE	310	0:49	
DCA	DTW	405	1:05	
DCA	EWR	199	0:31	0:36
DCA	JFK	213	0:37	
DCA	LGA	214	0:29	0:38
DCA	MIA	920	1:59	
DCA	MSP	931	2:05	
DCA	ORD	612	1:22	
DCA	PHL	120	0:24	0:27
DCA	PIT	205	0:35	
DCA	STL	719	1:39	2:41

BEST AVAILABLE COPY

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES
DEPARTING DFW

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
DFW	ATL	731	1:27	
DFW	BOS	1561	3:05	
DFW	CLE	1021	2:03	
DFW	DEN	645	1:31	
DFW	DTW	987	1:57	
DFW	FWR	1372	2:37	
DFW	JFK	1391	2:36	
DFW	LAX	1235	2:27	
DFW	LGA	1388	2:41	
DFW	MIA	1121	2:11	
DFW	MSP	852	1:53	
DFW	MSY	447	0:51	
DFW	ORD	802	1:33	
DFW	PHL	1302	2:30	
DFW	PIT	1067	2:08	
DFW	SEA	1660	3:47	
DFW	SFO	1465	3:09	
DFW	STL	550	1:11	

NOMINAL AIRBORNE TIMES
DEPARTING DEN

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
DEN	BOS	1766	3:19	
DEN	CLE	1213	2:15	
DEN	DFW	645	1:23	
DEN	DTW	1135	2:05	
DEN	FWR	1617	2:58	
DEN	JFK	1638	3:07	
DEN	LAX	849	1:50	
DEN	MSP	693	1:21	
DEN	MSY	1067	2:15	
DEN	ORD	901	1:41	
DEN	PHL	1569	2:57	
DEN	PIT	1302	2:41	
DEN	SEA	1019	2:17	
DEN	SFO	956	2:04	
DEN	STL	781	1:33	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES
DEPARTING DTW

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
DTW	ATL	595	1:19	
DTW	BOS	632	1:17	
DTW	CLE	95	0:23	0:23
DTW	DCA	405	0:59	
DTW	DEN	1135	2:32	
DTW	DFW	987	1:57	
DTW	FWR	488	1:03	
DTW	JFK	509	1:03	
DTW	LAX	1979	4:09	
DTW	LGA	501	1:04	
DTW	MIA	1195	2:17	
DTW	MSP	528	1:16	
DTW	MSY	926	1:55	
DTW	ORD	235	0:38	
DTW	PHL	453	1:01	
DTW	PIT	201	0:33	
DTW	SFO	2079	4:28	
DTW	STL	440	1:09	

NOMINAL AIRBORNE TIMES
DEPARTING FWR

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
FWR	ATL	745	1:33	
FWR	BOS	201	0:24	0:36
FWR	CLE	404	1:06	
FWR	DCA	199	0:34	0:45
FWR	DEN	1617	3:30	
FWR	DFW	1372	3:07	
FWR	DTW	488	1:15	
FWR	JFK	21	0:08	
FWR	LAX	2454	5:06	
FWR	MIA	1086	2:16	
FWR	MSY	1167	2:34	
FWR	ORD	719	1:32	
FWR	PHL	80	0:21	0:27
FWR	PIT	319	0:49	1:19
FWR	SFO	2565	5:40	
FWR	STL	872	1:55	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES
DEPARTING JFK

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
JFK	ATL	760	1:32	
JFK	BOS	187	0:21	
JFK	CLE	425	1:07	
JFK	DCA	213	0:40	
JFK	DEN	1638	3:37	
JFK	DFW	1391	2:58	
JFK	DTW	509	1:19	
JFK	EWR	21	0:11	
JFK	LAX	2475	5:05	
JFK	MIA	1090	2:14	
JFK	MSP	1028	2:20	
JFK	MSY	1182	2:28	
JFK	ORD	740	1:44	
JFK	PHL	94	0:16	
JFK	PIT	340	0:42	1:23
JFK	SEA	2421	5:23	
JFK	SFO	2586	4:49	
JFK	STL	892	2:05	

NOMINAL AIRBORNE TIMES
DEPARTING LAX

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
LAX	ATL	1946	3:37	
LAX	BOS	2611	4:35	
LAX	CLE	2053	3:54	
LAX	DEN	849	1:40	
LAX	DFW	1235	2:23	
LAX	DTW	1979	3:42	
LAX	EWR	2454	4:10	
LAX	JFK	2475	4:33	
LAX	MIA	2342	4:18	
LAX	MSP	1536	3:01	
LAX	MSY	1670	3:06	
LAX	ORD	1744	3:14	
LAX	PHL	2402	4:27	
LAX	PIT	2136	4:03	
LAX	SEA	954	1:58	
LAX	SFO	337	0:46	
LAX	STL	1592	2:59	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES DEPARTING LGA

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
LGA	ATL	761	1:36	
LGA	BOS	185	0:26	0:55
LGA	CLE	418	1:03	
LGA	DCA	214	0:29	0:40
LGA	DEN	1388	3:01	
LGA	DTW	501	1:14	
LGA	MIA	1096	2:20	
LGA	MSP	1020	2:18	
LGA	MSY	1183	2:41	
LGA	ORD	733	1:31	
LGA	PHL	95	0:29	
LGA	PIT	335	0:52	1:19
LGA	STL	888	2:01	

NOMINAL AIRBORNE TIMES DEPARTING MIA

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
MIA	ATL	595	1:18	
MIA	BOS	1258	2:28	
MIA	CLE	1080	2:20	
MIA	DCA	920	1:53	
MIA	DEN	1121	2:30	
MIA	DTW	1145	2:27	
MIA	EWR	1086	2:15	
MIA	JFK	1090	2:08	
MIA	LAX	2342	4:35	
MIA	LGA	1097	2:15	
MIA	MSP	1501	3:20	
MIA	MSY	478	1:28	
MIA	ORD	1198	2:30	
MIA	PHL	1018	2:05	
MIA	PIT	1013	2:06	
MIA	SEA	2585	5:19	
MIA	STL	1068	2:23	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES
DEPARTING MSP

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
MSP	ATL	906	1:58	
MSP	BOS	1124	2:14	
MSP	CLE	622	1:18	
MSP	DCA	931	1:52	
MSP	DEN	693	1:32	
MSP	DFW	852	1:50	
MSP	DTW	528	1:13	
MSP	JFK	1028	2:02	
MSP	LAX	1536	3:18	
MSP	LGA	1020	2:01	
MSP	MIA	1501	3:15	
MSP	ORD	334	0:43	1:20
MSP	PHL	981	2:00	
MSP	SEA	1399	3:04	
MSP	SFO	1589	3:27	
MSP	STL	448	1:03	

NOMINAL AIRBORNE TIMES
DEPARTING MSY

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
MSY	ATL	425	0:54	
MSY	BOS	1367	2:39	
MSY	CLE	917	2:03	
MSY	DEN	1067	2:22	
MSY	DFW	447	1:00	
MSY	DTW	926	2:00	
MSY	EWR	1167	2:09	
MSY	JFK	1182	2:15	
MSY	LAX	1670	3:31	
MSY	LGA	1183	2:13	
MSY	MIA	674	1:23	
MSY	ORD	837	1:46	
MSY	PHL	1088	2:19	
MSY	PIT	918	1:50	
MSY	SFO	1911	3:56	
MSY	STL	604	1:21	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES
DEPARTING ORD

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
ORD	ATL	606	1:08	
ORD	BOS	867	1:36	
ORD	CLE	316	0:38	
ORD	DCA	612	1:13	
ORD	DEN	901	1:57	
ORD	DFW	802	1:38	
ORD	DTW	235	0:31	
ORD	FWA	719	1:24	
ORD	JFK	740	1:27	
ORD	LAX	1744	3:34	
ORD	LGA	733	1:26	
ORD	MIA	1197	2:23	
ORD	MSP	334	0:51	1:11
ORD	MSY	837	1:47	
ORD	PHL	678	1:21	
ORD	PIT	412	0:54	1:31
ORD	SEA	1720	3:43	
ORD	SFO	1846	3:53	
ORD	STL	258	0:38	1:05

NOMINAL AIRBORNE TIMES
DEPARTING PHL

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
PHL	ATL	665	1:14	
PHL	BOS	280	0:36	1:58
PHL	CLE	363	0:57	
PHL	DCA	130	0:25	0:37
PHL	DEN	1569	3:33	
PHL	DFW	1302	2:43	
PHL	DTW	453	1:10	
PHL	FWA	80	0:18	0:25
PHL	JFK	93	0:21	
PHL	LAX	2402	5:06	
PHL	LGA	95	0:25	
PHL	MIA	1014	2:05	
PHL	MSP	980	2:17	
PHL	MSY	1088	2:25	
PHL	ORD	678	1:36	
PHL	PIT	268	0:43	1:05
PHL	SFO	2521	5:31	
PHL	STL	814	1:55	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES
DEPARTING PIT

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
PIT	AFL	526	1:09	
PIT	BOS	496	1:09	1:51
PIT	CLE	105	0:15	0:32
PIT	DCA	205	0:33	
PIT	DEN	1302	2:54	
PIT	DFW	1067	2:18	
PIT	DTW	201	0:35	
PIT	EWR	319	0:49	1:17
PIT	JFK	300	0:46	1:24
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	STL	553	1:22	1:59

NOMINAL AIRBORNE TIMES
DEPARTING SEA

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
SEA	BOS	2496	4:57	
SEA	DEN	1019	2:02	
SEA	DFW	1660	3:18	
SEA	JFK	2421	4:31	
SEA	LAX	954	1:54	
SEA	MSP	1399	2:42	
SEA	ORD	1720	3:14	
SEA	SFO	678	1:23	
SEA	STL	1709	3:11	

TABLE I-1 (CONTINUED)

NOMINAL AIRBORNE TIMES
DEPARTING SFO

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
SFO	ATL	2139	4:00	
SFO	BOS	2704	4:58	
SFO	CLE	2161	4:11	
SFO	DEN	956	1:49	
SFO	DFW	1465	2:43	
SFO	DTW	2079	3:51	
SFO	EWR	2565	4:45	
SFO	JFK	2586	4:30	
SFO	LAX	337	0:46	
SFO	MIA	2585	4:56	
SFO	MSP	1589	2:56	
SFO	MSY	1911	3:39	
SFO	ORD	1846	3:25	
SFO	PHL	2521	4:42	
SFO	PIT	2253	4:22	
SFO	SEA	678	1:24	
SFO	STL	1736	3:15	

NOMINAL AIRBORNE TIMES
DEPARTING STL

ROUTE SEGMENT		DISTANCE	NOMINAL JET TIME	NOMINAL PROP TIME
STL	ATL	484	1:04	
STL	BOS	1046	1:58	
STL	CLE	487	0:56	
STL	DCA	719	1:28	2:12
STL	DEN	781	1:48	
STL	DFW	550	1:15	
STL	DTW	440	0:55	
STL	EWR	872	1:44	
STL	JFK	892	1:49	
STL	LAX	1592	3:20	
STL	LGA	888	1:50	
STL	MIA	1068	2:13	
STL	MSP	448	1:05	
STL	MSY	604	1:24	
STL	ORD	258	0:38	1:08
STL	PHL	813	1:37	
STL	PIT	553	1:08	2:05
STL	SEA	1709	3:40	
STL	SFO	1736	3:45	

TABLE I-2-1

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT ATL ==> DFW

	1974				1975				T O T A L			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN					214	0:13			214	0:13		
FEB	223	0:16	54	0:12	319	0:16	26	0:03	542	0:16	80	0:09
MAR	216	0:12	61	0:08	302	0:19	31	0:09	518	0:16	92	0:08
APR	208	0:13	60	0:06	299	0:15	30	0:06	507	0:14	90	0:06
MAY	335	0:05	31	-0:03	360	0:08	30	0:08	695	0:06	61	0:02
JUN	299	0:04	29	-0:04	329	0:05	30	0:02	628	0:04	59	-0:01
JUL	302	-0:00	31	-0:04	336	0:03	31	-0:02	638	0:01	62	-0:03
AUG	338	0:04	31	-0:02	367	0:02	30	-0:08	705	0:03	61	-0:05
SEP	194	0:08	30	0:01	243	0:04	14	-0:04	437	0:06	44	-0:01
OCT	130	0:04	26	-0:02	217	0:05			347	0:05	26	-0:02
NOV	367	0:11	29	0:03	350	0:11	30	0:05	697	0:11	59	0:04
DEC	219	0:13	14	0:07	223	0:10	31	0:05	442	0:11	45	0:06
TOTAL	2811	0:08	396	0:03	3559	0:09	283	0:03	6370	0:08	679	0:03

NOMINAL AIRBORNE TIME = 1:35

---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

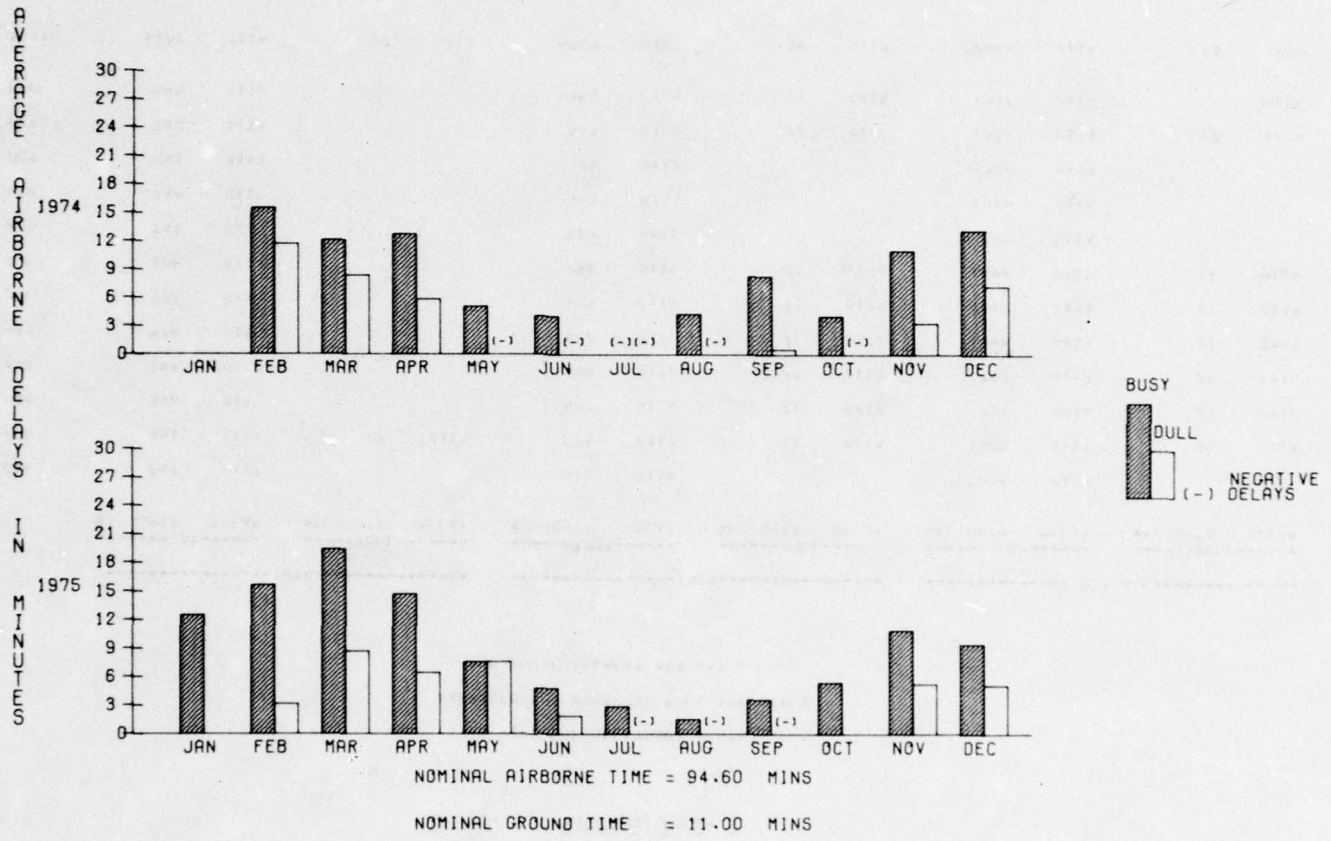


TABLE I-2-2

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT BOS ==> PHL

	1974				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#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

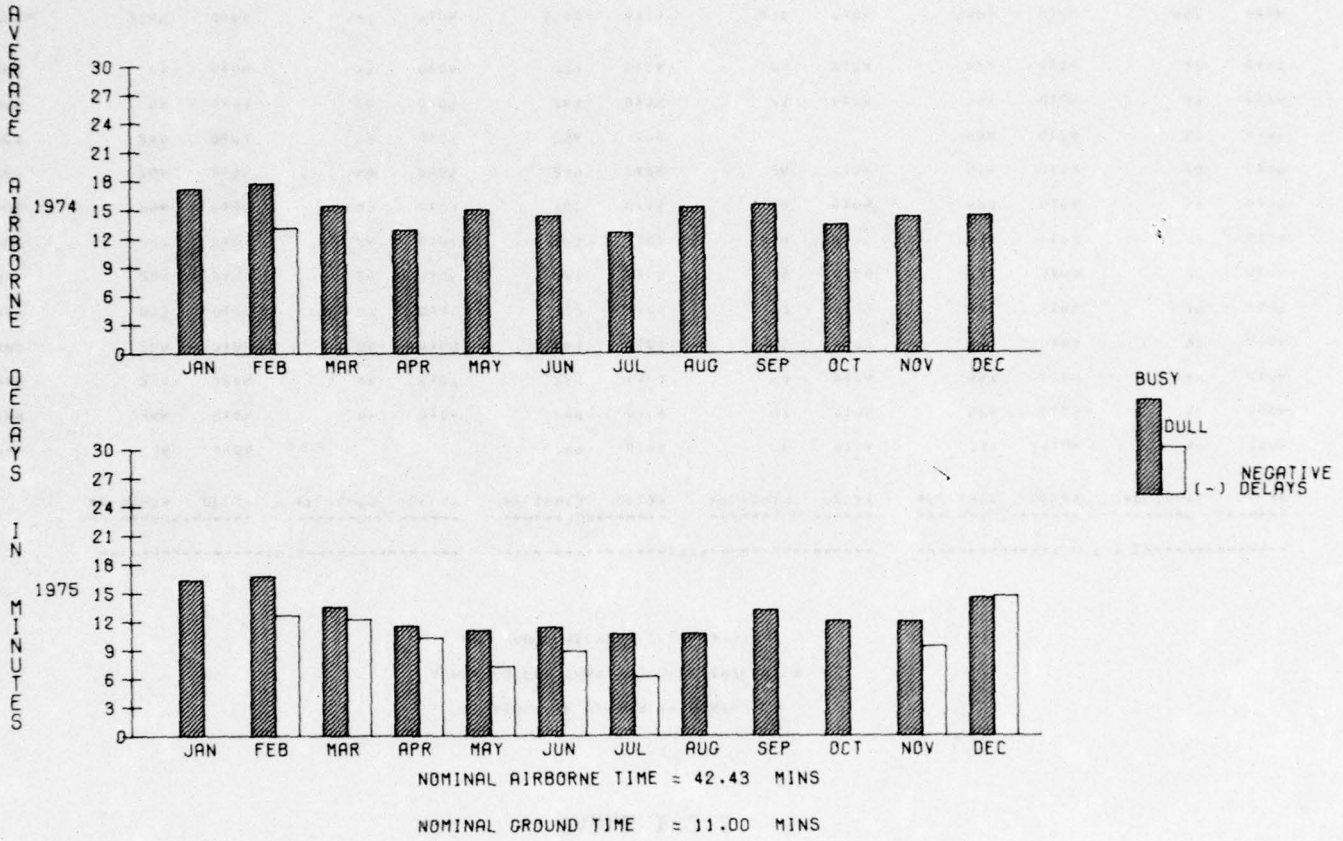


TABLE I-2-3

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT CLE ==> DTW

	1978				1979				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLTGHTS	DELAY	#FLTGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#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	0:04	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

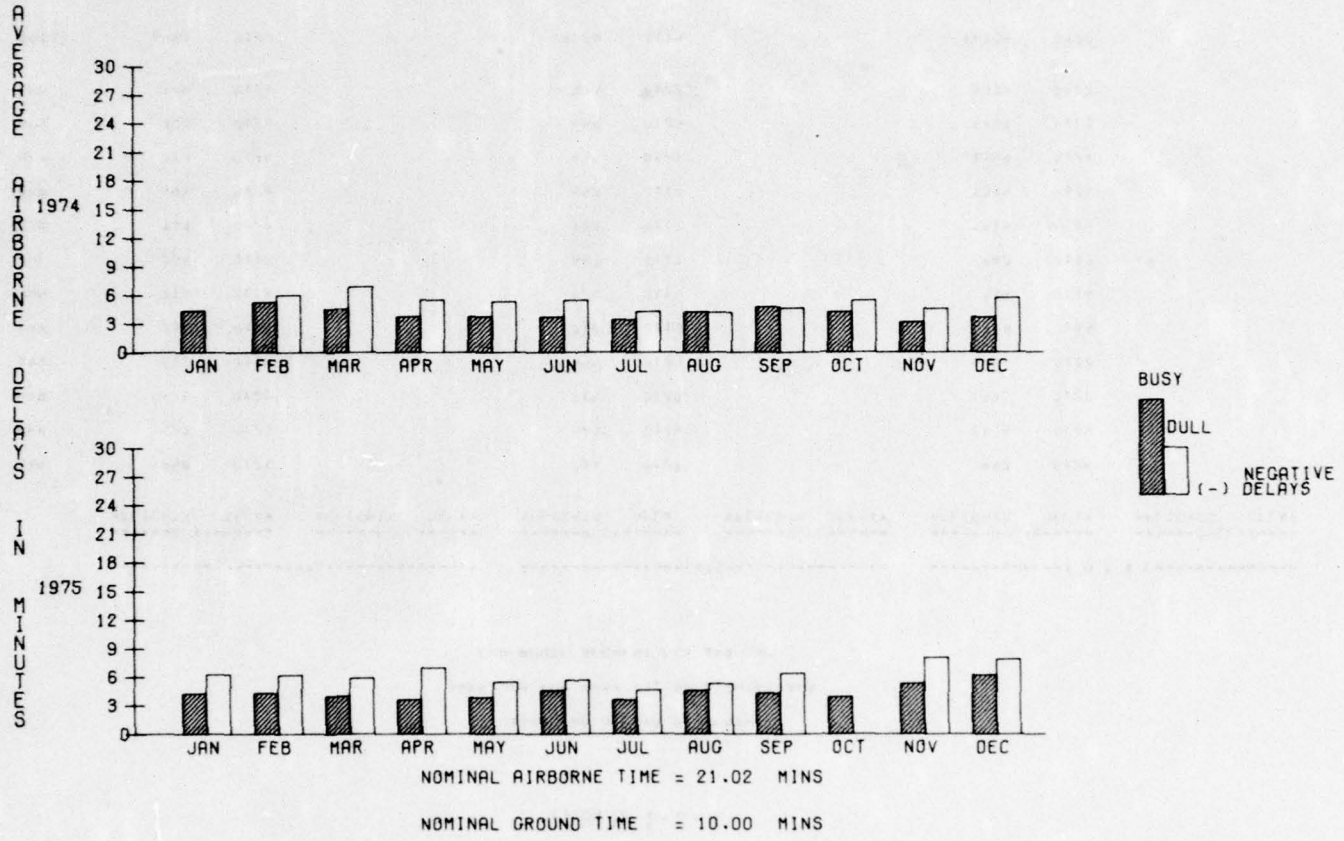


TABLE I-2-4

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT DCA ==> ORD

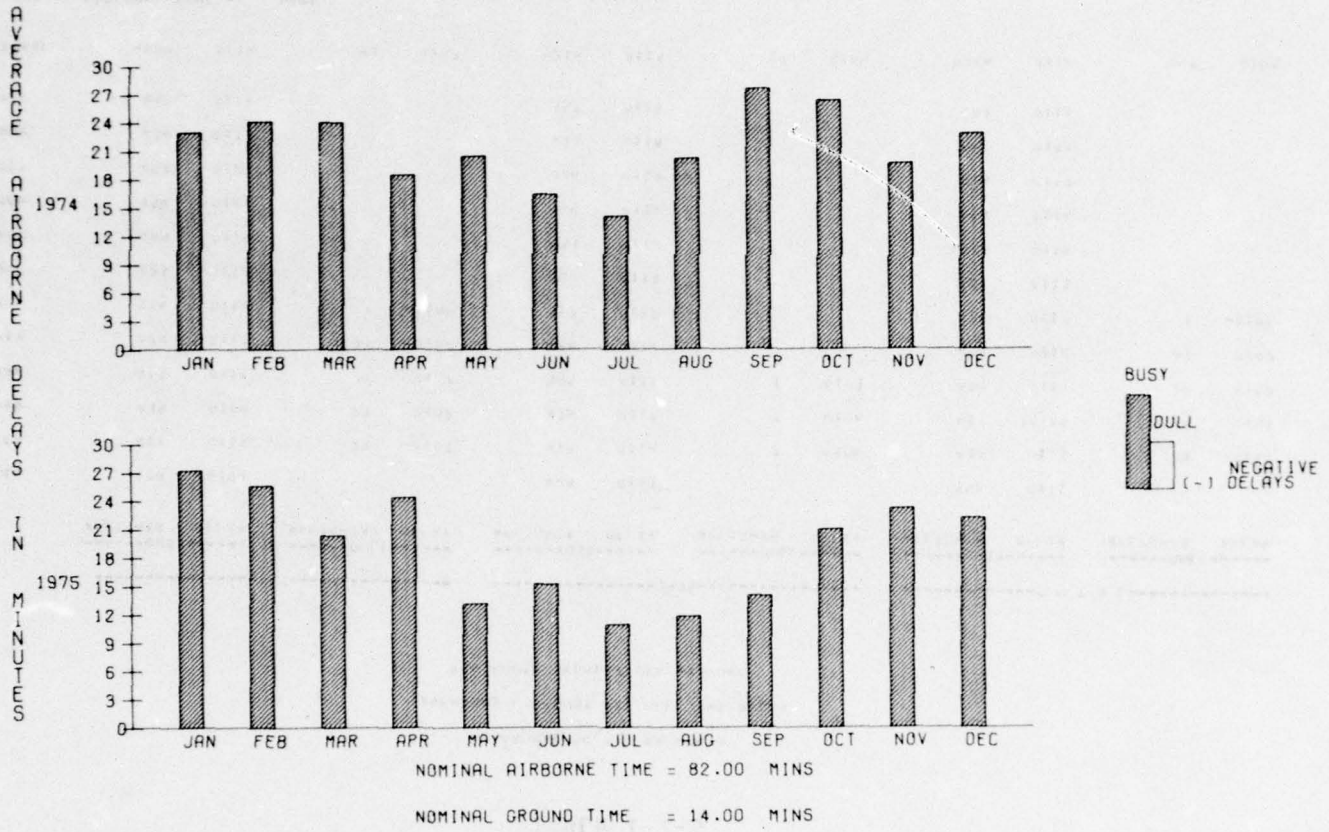
	1974				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	258	0:23			734	0:27			992	0:26		
FEB	523	0:20			623	0:26			1146	0:25		
MAR	626	0:20			715	0:20			1341	0:22		
APR	611	0:18			655	0:20			1266	0:22		
MAY	258	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			680	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



NOMINAL AIRBORNE TIME = 82.00 MINS

NOMINAL GROUND TIME = 14.00 MINS

TABLE I-2-5

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT DEN ==> ORD

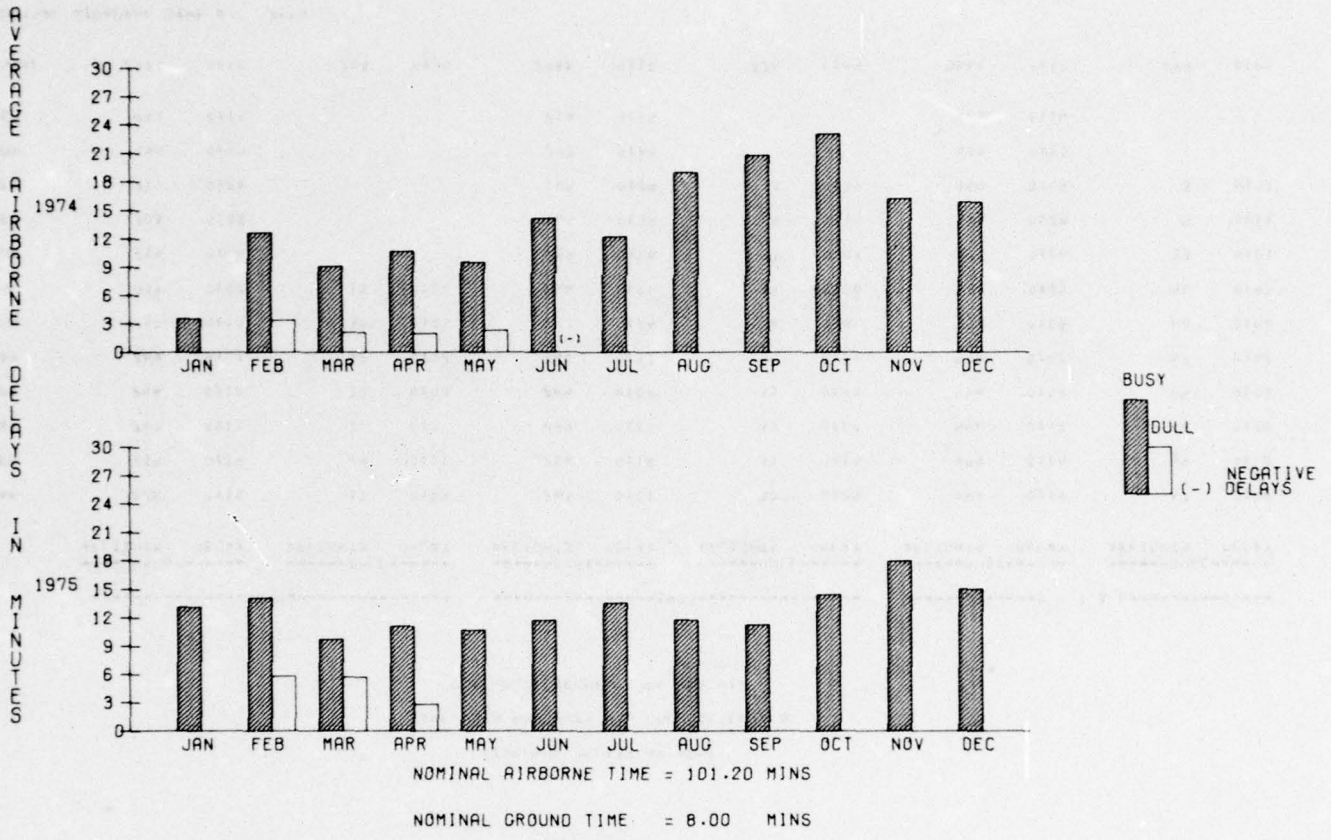
	1974				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLTGHTS	DELAY	#FLTGHTS	DELAY	#FLTGHTS	DELAY	#FLTGHTS	DELAY	#FLTGHTS	DELAY	#FLTGHTS	DELAY
JAN	108	0:08			448	0:13			556	0:11		
FEB	411	0:13	23	0:03	419	0:14	2	0:06	830	0:13	25	0:04
MAR	435	0:09	27	0:02	476	0:10	7	0:06	911	0:09	34	0:03
APR	413	0:11	21	0:02	395	0:11	1	0:05	808	0:11	22	0:02
MAY	128	0:10	21	0:02	480	0:11			608	0:10	21	0:02
JUN	118	0:14	1	-0:00	357	0:12			475	0:12	1	-0:00
JUL	123	0:12			380	0:14			503	0:13		
AUG	485	0:19			533	0:12			1018	0:15		
SEP	458	0:21			460	0:11			918	0:16		
OCT	450	0:23			466	0:14			916	0:19		
NOV	439	0:16			441	0:18			880	0:17		
DEC	440	0:16			357	0:15			797	0:16		
TOTAL	4000	0:15	93	0:02	5216	0:13	10	0:05	9216	0:14	103	0:03

NOMINAL AIRBORNE 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



NOMINAL AIRBORNE TIME = 101.20 MINS

NOMINAL GROUND TIME = 8.00 MINS

TABLE I-2-6

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT JFK ==> MIA

	1974				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	228	0:10	37	0:09	263	0:17	30	0:09	491	0:16	67	0:09
FEB	235	0:15	28	0:11	254	0:18	31	0:13	489	0:16	59	0:12
MAR	267	0:13	31	0:04	289	0:11	35	0:08	556	0:12	66	0:06
APR	246	0:10	30	0:04	268	0:08	35	0:04	514	0:09	65	0:04
MAY	264	0:07	32	0:02	264	0:07	35	0:01	528	0:07	67	0:02
JUN	257	0:10	30	0:03	247	0:06	34	0:01	504	0:08	64	0:02
JUL	237	0:04	15	0:02	264	0:06	35	-0:00	501	0:05	50	0:00
AUG	216	0:04			259	0:06	33	0:01	475	0:06	33	0:01
SEP	203	0:08			165	0:09	5	0:11	368	0:08	5	0:11
OCT	211	0:08			148	0:09	3	0:07	359	0:09	3	0:07
NOV	198	0:12			203	0:10			401	0:11		
DEC	211	0:13			214	0:15			425	0:14		
TOTAL	2773	0:10	203	0:05	2838	0:10	276	0:05	5611	0:10	479	0:05

NOMINAL AIRBORNE TIME = 2:14

---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

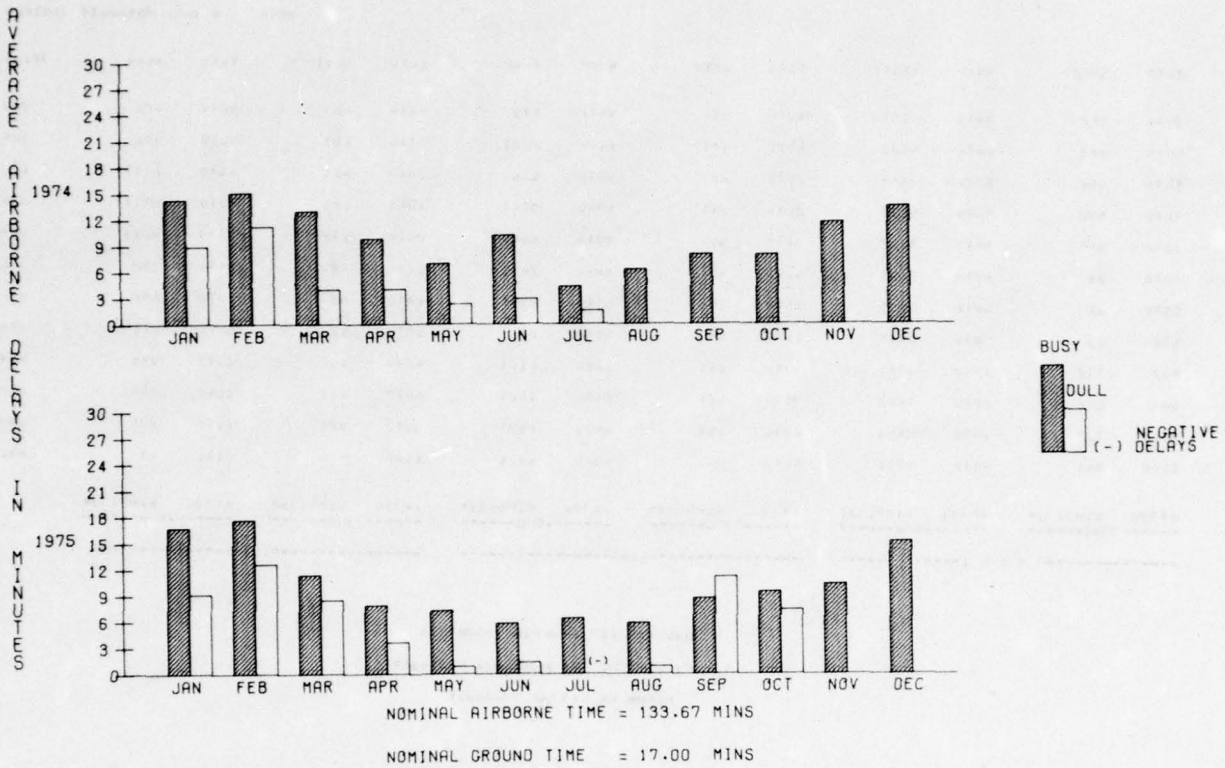


TABLE I-2-7

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT LAX ==> SFO

	1974				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	40	0:10	6	0:13	1088	0:08	150	0:05	1128	0:08	156	0:05
FEB	988	0:07	128	0:05	1004	0:09	147	0:07	1992	0:08	275	0:06
MAR	1000	0:07	118	0:05	1080	0:10	115	0:06	2080	0:09	233	0:05
APR	940	0:07	99	0:04	1030	0:07	112	0:04	1970	0:07	211	0:04
MAY	280	0:05	23	0:03	1140	0:05	64	0:03	1419	0:05	87	0:03
JUN	269	0:05	26	0:03	1062	0:05	62	0:03	1331	0:05	88	0:03
JUL	267	0:04	25	0:03	1092	0:04	65	0:01	1359	0:04	90	0:01
AUG	1305	0:05	213	0:02	1209	0:04	135	0:02	2514	0:04	348	0:02
SEP	1165	0:04	147	0:01	1014	0:03	117	0:02	2179	0:04	264	0:01
OCT	1179	0:04	138	0:02	973	0:06	92	0:04	2152	0:05	230	0:03
NOV	745	0:04	103	0:04	1090	0:07	143	0:05	1835	0:07	246	0:05
DEC	760	0:08	99	0:06	813	0:08	138	0:09	1573	0:08	237	0:08
TOTAL	8938	0:06	1125	0:03	12595	0:06	1340	0:04	21533	0:06	2465	0:04

NOMINAL AIRBORNE TIME = 0:06

---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

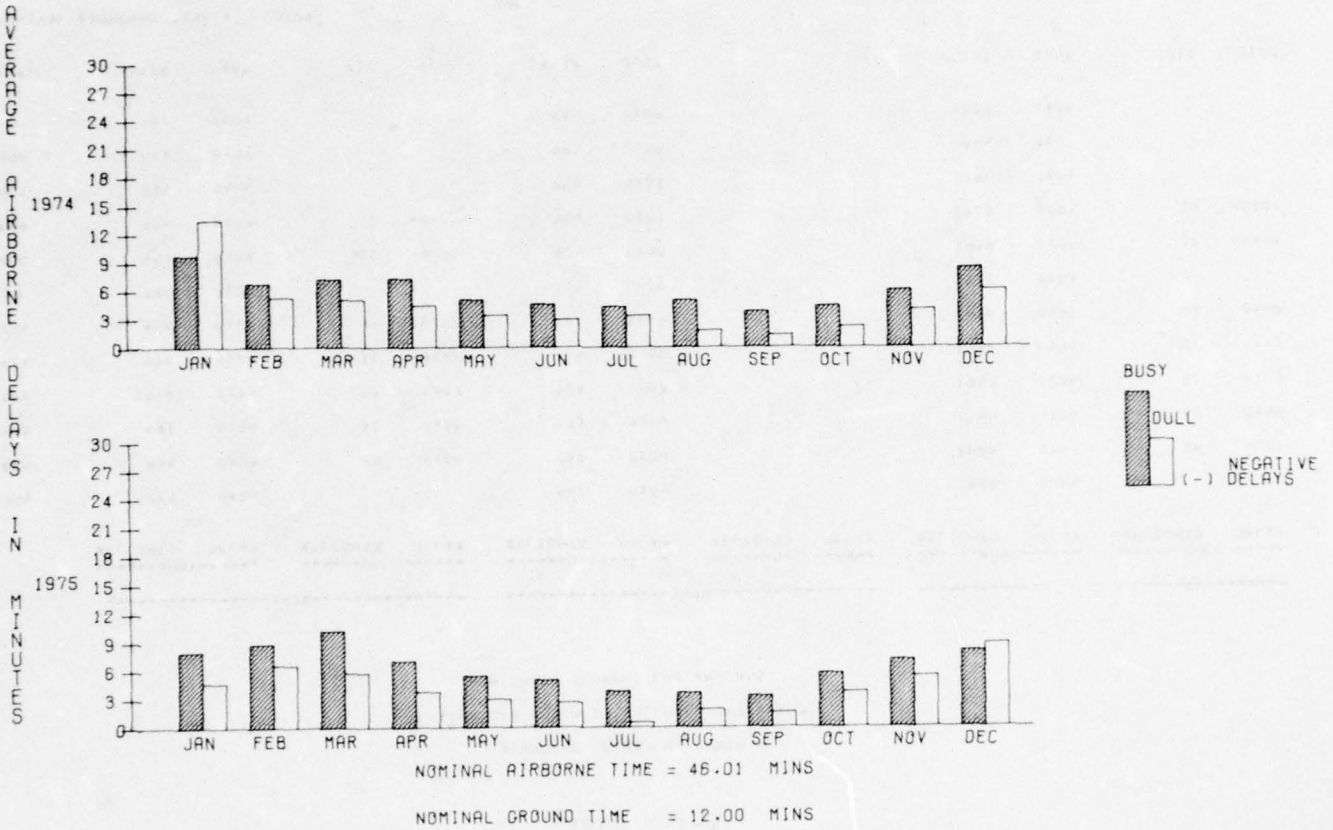


TABLE I-2-8

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT LGA ==> BOS

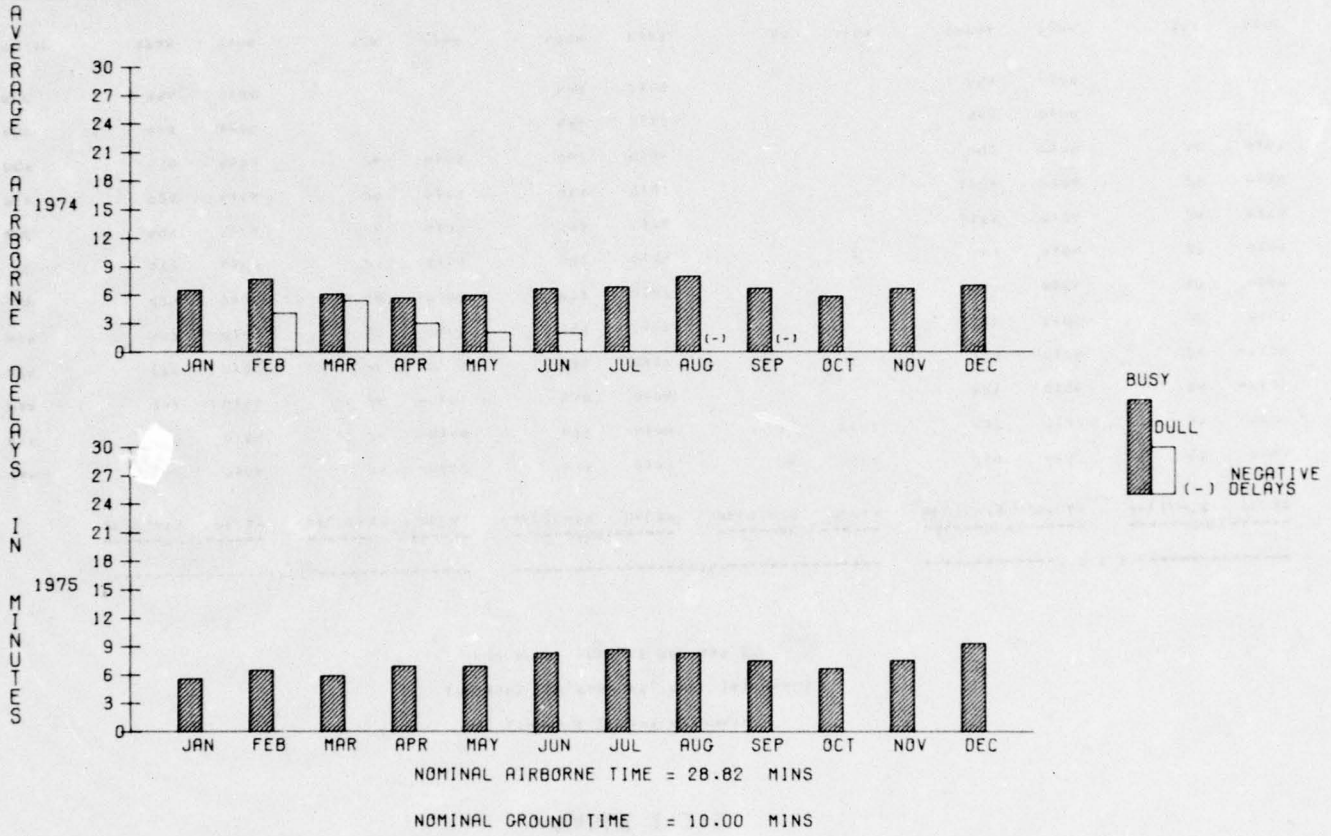
	1974				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLTGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	773	0:06			847	0:06			1620	0:06		
FEB	848	0:08	28	0:04	780	0:06			1628	0:07	28	0:04
MAR	991	0:06	31	0:05	873	0:06			1864	0:06	31	0:05
APR	1004	0:06	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			735	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



NOMINAL AIRBORNE TIME = 28.82 MINS

NOMINAL GROUND TIME = 10.00 MINS

TABLE I-2-9

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT ORD ==> STL

	1970				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	272	0:08	25	-0:02	477	0:07	26	0:07	749	0:07	51	0:03
FEB	328	0:05	28	-0:04	479	0:08	17	0:07	807	0:07	45	0:00
MAR	307	0:04	26	-0:01	534	0:06			841	0:06	26	-0:01
APR	270	0:04	26	-0:05	474	0:07			744	0:06	26	-0:05
MAY	502	0:05	50	0:01	554	0:06			1056	0:05	50	0:01
JUN	425	0:04	49	0:00	477	0:07			902	0:06	49	0:00
JUL	412	0:03	27	0:04	437	0:05			849	0:04	27	0:04
AUG	599	0:06	26	0:04	582	0:06			1181	0:06	26	0:04
SEP	523	0:06	25	0:04	483	0:07			1006	0:06	25	0:04
OCT	530	0:04	26	0:03	462	0:06			992	0:05	26	0:03
NOV	424	0:05			536	0:10			960	0:08		
DEC	356	0:05			503	0:09			859	0:08		
TOTAL	4948	0:05	308	0:00	5908	0:07	43	0:07	10856	0:06	351	0:01

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

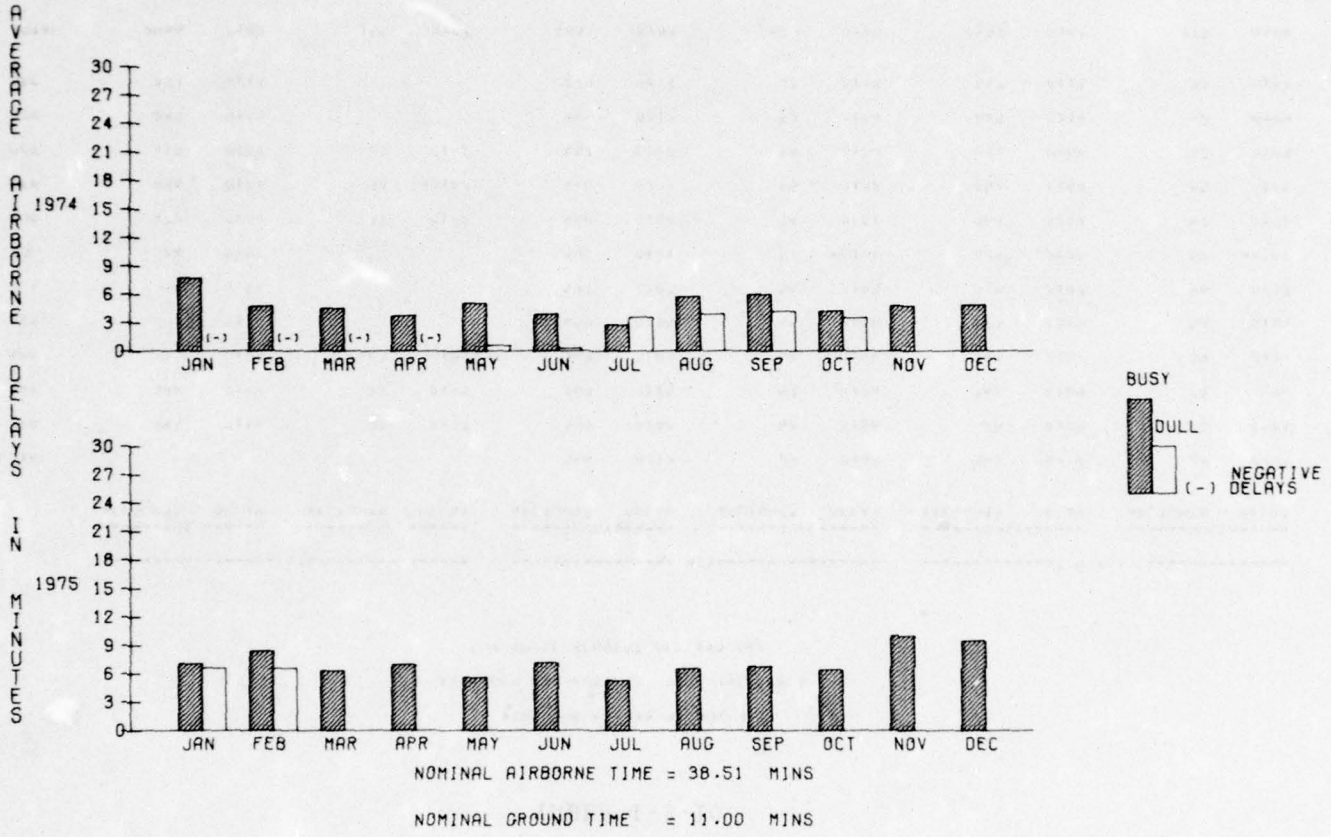


TABLE I-2-10

AIRBORNE DELAYS BY MONTH

AVERAGES FOR BUSY VS. DULL INTERVALS

FOR ROUTE SEGMENT SFO ==> S&A

	1974				1975				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN					364	0:12	29	0:08	364	0:12	29	0:08
FEB	353	0:10	20	0:07	335	0:08	50	0:06	688	0:09	70	0:06
MAR	392	0:08	22	0:05	369	0:10	57	0:06	761	0:09	79	0:06
APR	378	0:09	23	0:04	343	0:08	56	0:04	721	0:09	79	0:04
MAY	4	0:04			419	0:09	56	0:06	423	0:09	56	0:06
JUN	13	0:01			397	0:07	56	0:03	410	0:07	56	0:03
JUL	26	0:01			394	0:01	57	-0:01	420	0:01	57	-0:01
AUG	472	0:04	31	0:00	488	0:04	56	0:01	960	0:04	87	0:01
SEP	436	0:04	30	-0:02	416	0:04	55	0:02	852	0:04	85	0:01
OCT	419	0:07	29	0:01	417	0:08	58	0:04	836	0:08	87	0:03
NOV	230	0:09			415	0:10	52	0:06	645	0:10	52	0:06
DEC	245	0:13			274	0:13	40	0:07	519	0:13	40	0:07
TOTAL	2966	0:07	155	0:02	4631	0:08	622	0:04	7597	0:08	777	0:04

NOMINAL AIRBORNE TIME = 1:29

---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

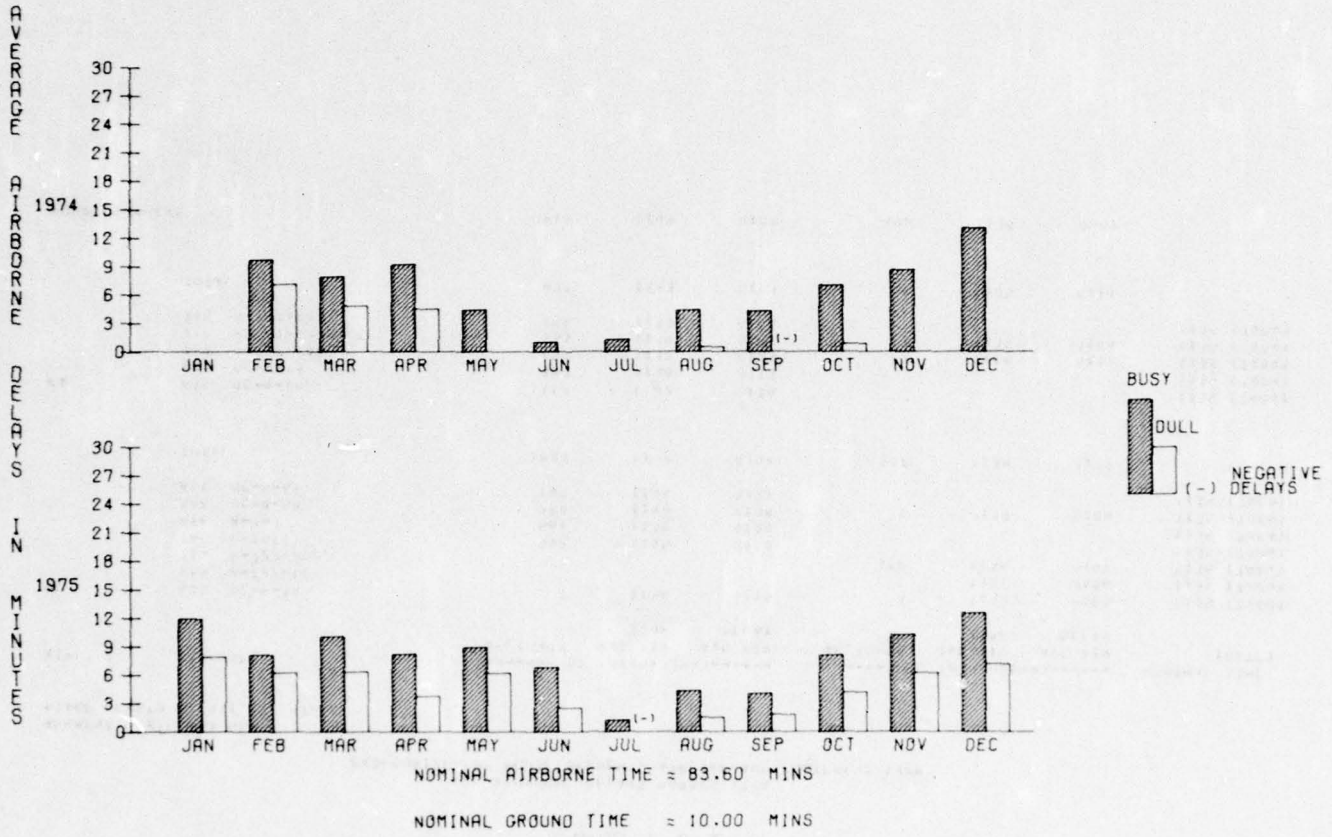


TABLE I-3-1

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

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

AIRLINE	AIRCRAFT		BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
DL	640	DC-9-30	2	1:54	0:19	3	1:40	0:05	1:35 (7404)
	710	B-727-100				1	1:31	0:06	1:35 (7404)
	715	B-727-200				302	1:36	0:01	1:35 (7404)
	760	L-1011	342	1:45	0:11				1:35 (7404)
	816	B-747	561	1:39	0:04				1:35 (7404)
	88A	DC-8-50	784	1:43	0:08	1	1:39	0:04	1:35 (7404)
	851	DC-8-61	145	1:44	0:11				1:35 (7404)
	TOTAL		1834	1:42	0:08	307	1:36	0:01	
FA	630	DC-9-10	118	1:42	0:08				1:35 (7404)
	640	DC-9-30	397	1:48	0:13				1:35 (7404)
	710	B-727-100	158	1:38	0:03	87	1:46	0:11	1:35 (7404)
	711	B-727-100C/QC	153	1:39	0:04	2	1:38	0:04	1:35 (7404)
	715	B-727-200	155	1:39	0:04				1:35 (7404)
	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

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

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

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	1	1:00	0:18				0:42 (7210)
	715 B-727-200	75	0:55	0:12				0:42 (7210)
	730 DC-10-10	121	0:55	0:12				0:42 (7210)
	802 B-707-100B	130	0:55	0:13				0:42 (7210)
	808 B-707-300B	32	0:54	0:11				0:42 (7210)
	809 B-707-300C	70	0:55	0:13				0:42 (7210)
	TOTAL	429	0:55	0:13				
AI	630 CV-580	23	1:15	-0:09				1:24 (7204)
	805 B-1-11-200	1828	1:00	0:17				0:42 (7210)
	880 DC-9-30	2241	0:57	0:14				0:42 (7210)
	TOTAL	4092	0:58	0:15				
DL	880 DC-9-30	902	0:57	0:15				0:42 (7210)
	715 B-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	
EA	710 B-727-100	104	0:57	0:15				0:42 (7210)
	711 B-727-100C/QC	61	0:57	0:14				0:42 (7210)
	715 B-727-200	14	0:55	0:13				0:42 (7210)
	TOTAL	179	0:57	0:14				
PA	808 B-707-300B	101	1:00	0:17				0:42 (7210)
	809 B-707-300C	81	0:58	0:16				0:42 (7210)
	TOTAL	182	0:59	0:17				

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

TABLE I-3-2 (CONTINUED)

AIRBORNE DELAYS DURING 1978
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT BOS ==> PHL (CONTINUED)
STAGE LENGTH = 280 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)
ROUTE SUMMARY		6781	0:57	0:15	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) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
AL	605 B-1-11-200	26	0:25	0:08				0:18 (7202)
	TOTAL	26	0:25	0:08				
DL	640 DC-9-30	337	0:20	0:02				0:18 (7202)
	TOTAL	337	0:20	0:02				
EA	710 B-727-100	34	0:24	0:07				0:18 (7202)
	711 B-727-100C/QC	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	0:04				
NW	710 B-727-100	102	0:23	0:06	197	0:23	0:06	0:18 (7202)
	715 B-727-200	87	0:24	0:06	34	0:23	0:06	0:18 (7202)
	TOTAL	189	0:23	0:06	231	0:23	0:06	
UA	850 DC-8-50F				162	0:22	0:05	0:18 (7202)
	TOTAL				162	0:22	0:05	

---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 CLE ==> DTW (CONTINUED)
STAGE LENGTH = 95 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)
ROUTE SUMMARY		2585	0:25	0:04	393	0:23	0:05	

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

TABLE I-3-4

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

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

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL (2300-0659) AVG AIR TIME	DULL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	2005	1:45	0:23				1:22 (7207)
	715 B-727-200	1039	1:43	0:21				1:22 (7207)
	TOTAL	3044	1:44	0:22				
TW	710 B-727-100	388	1:39	0:17				1:22 (7207)
	711 B-727-100C/QC	105	1:39	0:17				1:22 (7207)
	715 B-727-200	974	1:45	0:23				1:22 (7207)
	TOTAL	1423	1:43	0:21				
UA	620 B-737-200	213	1:44	0:22				
	710 B-727-100	422	1:47	0:25				1:22 (7207)
	711 B-727-100C/QC	162	1:41	0:19				1:22 (7207)
	715 B-727-200	987	1:45	0:23				1:22 (7207)
	TOTAL	1784	1:45	0:23				1:22 (7207)
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	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
CO	715 B-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 B-720-000H	26	1:55	0:14				1:41 (7212)
	TOTAL	1435	1:55	0:13	93	1:44	0:02	
TW	710 B-727-100	154	1:55	0:14				1:41 (7212)
	711 B-727-100C/QC	43	1:54	0:13				1:41 (7212)
	715 B-727-200	400	2:01	0:19				1:41 (7212)
	802 B-707-100H	342	1:57	0:16				1:41 (7212)
	806 B-707-300	22	1:51	0:10				1:41 (7212)
	808 B-707-300B	52	1:57	0:16				1:41 (7212)
	809 B-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 B-737-200	5	2:09	0:27				1:41 (7212)
	710 B-727-100	346	1:58	0:16				1:41 (7212)
	711 B-727-100C/QC	41	1:55	0:14				1:41 (7212)
	715 B-727-200	39	1:54	0:13				1:41 (7212)
	730 DC-10-10	590	2:00	0:19				1:41 (7212)
	814 B-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)
	858 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) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
RN	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 B-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 B-727-100	184	2:25	0:12				2:14 (7209)
	711 B-727-100C/QC	450	2:23	0:09				2:14 (7209)
	715 B-727-200	298	2:25	0:11				2:14 (7209)
	760 L-1011	483	2:23	0:09	2	2:23	0:10	2:14 (7209)
	TOTAL	1424	2:24	0:10	8	2:38	0:24	
NA	710 B-727-100	7	2:21	0:07	1	2:09	-0:05	2:14 (7209)
	715 B-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 B-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) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DUEL (2300-0659) #FLIGHTS	DUEL (2300-0659) AVG AIR TIME	DUEL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
PA	710 B-727-100	4	2:22	0:08				2:14 (7209)
	808 B-707-300B	17	2:26	0:12				2:14 (7209)
	809 B-707-300C	5	2:30	0:16				2:14 (7209)
	TOTAL	26	2:26	0:12				
ROUTE SUMMARY		2773	2:24	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

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
AA	809 B-707-300C	391	0:51	0:05				0:46 (7204)
	TOTAL	391	0:51	0:05				
AN	854 DC-8-62	151	0:53	0:07				0:46 (7204)
	TOTAL	151	0:53	0:07				
DL	848 DC-8-50	2	0:47	0:01	9	0:55	0:09	0:46 (7204)
	851 DC-8-61	261	0:46	-0:00	125	0:49	0:03	0:46 (7204)
	TOTAL	263	0:46	-0:00	134	0:49	0:03	
NW	816 B-747	88	0:53	0:07				0:46 (7204)
	TOTAL	88	0:53	0:07				
PA	808 B-707-300H	129	0:52	0:06				0:46 (7204)
	809 B-707-300C	151	0:53	0:07	38	0:53	0:07	0:46 (7204)
	816 B-747	553	0:52	0:06				0:46 (7204)
	TOTAL	833	0:52	0:06	38	0:53	0:07	
RW	630 DC-9-10	255	0:52	0:06				0:46 (7204)
	640 DC-9-30	423	0:53	0:07				0:46 (7204)
	TOTAL	678	0:53	0:07				

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

TABLE I-3-7 (CONTINUED)

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

SEGMENT LAX ==> SFO (CONTINUED)
STAGE LENGTH = 338 ST. MILES

AIRLINE	AIRCRAFT		BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
TW	710	B-727-100	69	0:50	0:04				0:46 (7204)
	711	B-727-100C/QC	14	0:49	0:03				0:46 (7204)
	715	B-727-200	134	0:50	0:04	72	0:50	0:04	0:46 (7204)
	760	L-1011	175	0:50	0:04	2	0:47	0:01	0:46 (7204)
	802	B-707-100B	458	0:52	0:06	226	0:50	0:04	0:46 (7204)
	806	B-707-300	24	0:52	0:06	11	0:49	0:03	0:46 (7204)
	808	B-707-300B	242	0:52	0:06	203	0:50	0:04	0:46 (7204)
	809	B-707-300C	431	0:52	0:06	79	0:50	0:04	0:46 (7204)
	816	B-747	185	0:52	0:06	1	0:46	-0:00	0:46 (7204)
	TOTAL		1730	0:52	0:06	598	0:50	0:04	
UA	620	B-737-200	698	0:54	0:08				0:46 (7204)
	710	B-727-100	1636	0:51	0:05				0:46 (7204)
	711	B-727-100C/QC	482	0:52	0:06				0:46 (7204)
	715	B-727-200	134	0:51	0:05				0:46 (7204)
	730	DC-10-10	5	0:52	0:06				0:46 (7204)
	816	B-747	3	0:54	0:08				0:46 (7204)
	802	DC-8-20	170	0:53	0:07	17	0:48	0:02	0:46 (7204)
	804	DC-8-30	15	0:54	0:08				0:46 (7204)
	808	DC-8-50	40	0:51	0:05	13	0:47	0:01	0:46 (7204)
	850	DC-8-50F	164	0:52	0:06				0:46 (7204)
	851	DC-8-61	117	0:52	0:06	5	0:47	0:01	0:46 (7204)
	854	DC-8-62	84	0:52	0:06	4	0:47	0:01	0:46 (7204)
	TOTAL		3544	0:52	0:06	39	0:48	0:02	
WA	620	B-737-200	749	0:52	0:06	58	0:51	0:05	0:46 (7204)
	715	B-727-200	337	0:51	0:05	205	0:48	0:02	0:46 (7204)
	730	DC-10-10	1	0:49	0:03				0:46 (7204)
	809	B-707-300C	39	0:50	0:04				0:46 (7204)
	814	B-720-000B	134	0:51	0:05	58	0:48	0:02	0:46 (7204)
	TOTAL		1260	0:52	0:06	321	0:49	0:03	

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

TABLE I-3-7 (CONTINUED)

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

SEGMENT LAX ==> SFO (CONTINUED)
STAGE LENGTH = 338 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL (2300-0659) AVG AIR TIME	DULL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
ROUTE SUMMARY		8938	0:52	0:06	1125	0:49	0:03	

---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 ==> BOS
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL (2300-0659) AVG AIR TIME	DULL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	862	0:34	0:07				0:26 (7212)
	715 B-727-200	841	0:33	0:06				0:26 (7212)
	730 DC-10-10	109	0:36	0:10				0:26 (7212)
	TOTAL	1812	0:33	0:07				
DL	640 DC-9-30				211	0:28	0:02	0:26 (7212)
	TOTAL				211	0:28	0:02	
EA	550 L-1884-08/188C	2766	0:40	0:05				0:35 (7201)
	640 DC-9-30	5720	0:34	0:07				0:26 (7212)
	710 B-727-100	88	0:33	0:07				0:26 (7212)
	711 B-727-100C/QC	26	0:33	0:06				0:26 (7212)
	715 B-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

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

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

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	248	0:45	0:04				0:38 (7205)
	715 B-727-200	119	0:44	0:04				0:38 (7205)
	802 B-707-100B	652	0:45	0:06				0:38 (7205)
	80A B-707-300B	38	0:45	0:04				0:38 (7205)
	809 B-707-300C	57	0:46	0:08				0:38 (7205)
	TOTAL	1114	0:45	0:06				
DL	640 DC-9-30	2455	0:43	0:04	157	0:36	-0:03	0:38 (7205)
	710 B-727-100	110	0:42	0:04				0:38 (7205)
	715 B-727-200	292	0:40	0:01				0:38 (7205)
	88A DC-8-30	2	0:46	0:08				0:38 (7205)
	88A DC-8-50	2	0:43	0:04				0:38 (7205)
	TOTAL	2865	0:42	0:04	157	0:36	-0:03	
N7	45A FH-227	2	1:11	0:06				1:05 (7212)
	630 DC-9-10	179	0:44	0:06	18	0:43	0:04	0:38 (7205)
	640 DC-9-30	788	0:45	0:06	133	0:42	0:04	0:38 (7205)
	TOTAL	969	0:45	0:06	151	0:42	0:04	
ROUTE SUMMARY		4988	0:43	0:05	308	0:39	0:00	

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

TABLE I-3-10

AIRBORNE DELAYS DURING 1978
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

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

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
PA	80A B-707-300B	2	1:31	0:08				1:24 (7206)
	816 B-747	96	1:26	0:03				1:24 (7206)
	TOTAL	98	1:26	0:03				
UA	620 B-737-200	3	1:37	0:13				1:24 (7206)
	710 B-727-100	871	1:31	0:07				1:24 (7206)
	711 B-727-100C/QC	369	1:31	0:08				1:24 (7206)
	715 B-727-200	13	1:29	0:05				1:24 (7206)
	730 DC-10-10	1	1:36	0:12				1:24 (7206)
	816 B-747	1	1:26	0:02				1:24 (7206)
	842 DC-8-20	249	1:31	0:08				1:24 (7206)
	844 DC-8-50	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 B-737-200	621	1:33	0:10				1:24 (7206)
	715 B-727-200	288	1:28	0:04	154	1:26	0:02	1:24 (7206)
	809 B-707-300C	2	1:27	0:03				1:24 (7206)
	814 B-720-000B	147	1:31	0:07	1	1:25	0:01	1:24 (7206)
	TOTAL	1056	1:31	0:08	155	1:26	0:02	
ROUTE SUMMARY		2966	1:31	0:07	155	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 ==> DFW
STAGE LENGTH = 731 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
DL	640 DC-9-30	2	1:38	0:03	135	1:34	-0:00	1:35 (7404)
	715 B-727-200				146	1:40	0:06	1:35 (7404)
	760 L-1011	620	1:38	0:06				1:35 (7404)
	816 B-747	315	1:42	0:08				1:35 (7404)
	888 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	2[illegible]	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 B-727-100	210	1:45	0:10				1:35 (7404)
	711 B-727-100C/QC	73	1:41	0:07				1:35 (7404)
	715 B-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		BUSY (0700-2259) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL (2300-0659) AVG AIR TIME	DULL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710	B-727-100	1	1:02	0:20				0:42 (7210)
	715	B-727-200	7	0:52	0:10				0:42 (7210)
	802	B-707-100B	179	0:56	0:13				0:42 (7210)
	80A	B-707-300B	33	0:51	0:09				0:42 (7210)
	809	B-707-300C	76	0:54	0:12				0:42 (7210)
	TOTAL		296	0:55	0:13				
AL	630	CV-580	2	1:14	-0:09				1:24 (7204)
	605	B-1-11-200	317	1:02	0:19				0:42 (7210)
	640	DC-9-30	2841	0:55	0:13	21	0:51	0:09	0:42 (7210)
	650	MISCELLANEOUS	52	0:57	0:15	2	0:57	0:15	0:42 (7210)
	TOTAL		3212	0:56	0:13	23	0:52	0:10	
DL	640	DC-9-30	679	0:56	0:13				0:42 (7210)
	710	B-727-100	199	0:52	0:10				0:42 (7210)
	715	B-727-200	931	0:54	0:12				0:42 (7210)
	88A	DC-8-50	207	0:55	0:12				0:42 (7210)
	851	DC-8-61	1	0:52	0:10				0:42 (7210)
	TOTAL		2017	0:54	0:12				
FA	710	B-727-100	206	0:56	0:10				0:42 (7210)
	711	B-727-100C/QC	123	0:54	0:11				0:42 (7210)
	715	B-727-200	9	0:53	0:11				0:42 (7210)
	TOTAL		338	0:55	0:13				
TW	809	B-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 BOS => PHL (CONTINUED)
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL (2300-0659) AVG AIR TIME	DULL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
TW (CONT)	TOTAL				123	0:52	0:10	
ROUTE SUMMARY		5863	0:55	0:13	186	0:52	0:10	

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

TABLE I-4-3

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

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

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL (2300-0659) AVG AIR TIME	DULL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
AL	640 DC-9-30	30	0:23	0:05				0:18 (7202)
	TOTAL	30	0:23	0:05				
DL	640 DC-9-30	360	0:21	0:03				0:18 (7202)
	TOTAL	360	0:21	0:03				
EA	630 DC-9-10	20	0:24	0:06				0:18 (7202)
	640 DC-9-30	140	0:24	0:06				0:18 (7202)
	TOTAL	160	0:24	0:06				
NC	430 CV-580	2084	0:28	0:04				0:24 (7209)
	640 DC-9-30	715	0:24	0:06				0:18 (7202)
	TOTAL	2799	0:27	0:04				
NW	715 B-727-200				5	0:27	0:09	0:18 (7202)
	710 B-727-100				76	0:24	0:07	0:18 (7202)
	715 B-727-200				217	0:24	0:07	0:18 (7202)
	TOTAL				296	0:24	0:07	
UA	850 DC-8-50F				161	0:23	0:05	0:18 (7202)
	TOTAL				161	0:23	0:05	

---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 CLE ==> DTW (CONTINUED)
STAGE LENGTH = 95 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)
ROUTE SUMMARY		3349	0:26	0:04	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	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	1924	1:43	0:21				1:22 (7207)
	715 B-727-200	1125	1:41	0:19				1:22 (7207)
	TOTAL	3049	1:42	0:20				
TW	710 B-727-100	433	1:39	0:17				1:22 (7207)
	711 B-727-100C/QC	131	1:38	0:18				1:22 (7207)
	715 B-727-200	1818	1:40	0:18				1:22 (7207)
	TOTAL	2382	1:40	0:18				
UA	620 B-737-200	368	1:43	0:21				1:22 (7207)
	710 B-727-100	761	1:39	0:17				1:22 (7207)
	711 B-727-100C/QC	133	1:35	0:13				1:22 (7207)
	715 B-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) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
CO	715 B-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 B-720-000B	5	2:21	0:39				1:41 (7212)
	TOTAL	1337	1:52	0:11	10	1:47	0:05	
TW	710 B-727-100	478	1:56	0:15				1:41 (7212)
	711 B-727-100C/QC	135	1:56	0:15				1:41 (7212)
	715 B-727-200	308	1:55	0:13				1:41 (7212)
	802 B-707-100B	578	1:51	0:10				1:41 (7212)
	806 B-707-300	37	1:52	0:11				1:41 (7212)
	808 B-707-300B	133	1:53	0:12				1:41 (7212)
	809 B-707-300C	5	1:46	0:05				1:41 (7212)
	TOTAL	1674	1:54	0:13				
UA	620 B-737-200	85	2:03	0:21				1:41 (7212)
	710 B-727-100	841	1:58	0:17				1:41 (7212)
	711 B-727-100C/QC	67	1:59	0:18				1:41 (7212)
	715 B-727-200	42	1:52	0:11				1:41 (7212)
	730 DC-10-10	969	1:55	0:14				1:41 (7212)
	816 B-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	86	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	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
BN	848 DC-8-50	47	2:27	0:18				2:14 (7209)
	859 DC-8-62	208	2:29	0:16				2:14 (7209)
	TOTAL	255	2:29	0:15				
DL	680 DC-9-30	2	2:32	0:18				2:14 (7209)
	715 B-727-200	245	2:21	0:08				2:14 (7209)
	760 L-1011	5	2:15	0:02				2:14 (7209)
	816 B-747	2	2:34	0:21				2:14 (7209)
	848 DC-8-50	367	2:22	0:08				2:14 (7209)
	TOTAL	621	2:22	0:08				
EA	680 DC-9-30	19	2:35	0:21				2:14 (7209)
	710 B-727-100	376	2:26	0:13				2:14 (7209)
	711 B-727-100C/QC	194	2:28	0:14				2:14 (7209)
	715 B-727-200	351	2:22	0:08				2:14 (7209)
	760 L-1011	549	2:23	0:09				2:14 (7209)
	TOTAL	1488	2:24	0:11				
NA	710 B-727-100	124	2:18	0:04	2	2:23	0:09	2:14 (7209)
	715 B-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 B-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 B-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
COMPUTER BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK => MIA (CONTINUED)
STAGE LENGTH = 1000 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
PA (CONT)	A10 B-747	30	2:22	0:08				2:10 (7209)
	TOTAL	31	2:22	0:08	35	2:25	0:12	
ROUTE SUMMARY		2838	2:24	0:10	276	2:18	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) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
AA	808 B-707-300B	1	0:47	0:01				0:46 (7204)
	809 B-707-300C	297	0:51	0:05	66	1:03	0:17	0:46 (7204)
	TOTAL	298	0:51	0:05	66	1:03	0:17	
AN	848 DC-8-50				1	0:48	0:02	0:46 (7204)
	854 DC-8-62	144	0:53	0:07	12	0:49	0:03	0:46 (7204)
	TOTAL	144	0:53	0:07	13	0:49	0:03	
DL	848 DC-8-50	1	0:43	-0:03				0:46 (7204)
	851 DC-8-61	358	0:51	0:05	60	0:50	0:04	0:46 (7204)
	TOTAL	359	0:51	0:05	60	0:50	0:04	
NW	710 B-727-100	1	0:53	0:07				0:46 (7204)
	715 B-727-200	1	0:55	0:09				0:46 (7204)
	733 DC10-40	1	0:51	0:05				0:46 (7204)
	816 B-747	330	0:53	0:07				0:46 (7204)
	TOTAL	333	0:53	0:07				
PA	808 B-707-300B	193	0:53	0:07				0:46 (7204)
	809 B-707-300C	58	0:55	0:09	70	0:52	0:05	0:46 (7204)
	816 B-747	702	0:53	0:07				0:46 (7204)
	TOTAL	953	0:53	0:07	70	0:52	0:05	
RW	630 DC-9-10	515	0:53	0:07				0:46 (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) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
RW (CONT)	640	DC-9-30	651	0:54	0:08				0:46 (7204)
	TOTAL		1166	0:54	0:08				
TW	710	B-727-100	28	0:50	0:04	1	0:50	0:04	0:46 (7204)
	711	B-727-100C/QC	11	0:50	0:04	1	0:52	0:06	0:46 (7204)
	715	B-727-200	2	0:48	0:02	113	0:51	0:05	0:46 (7204)
	760	L-1011	213	0:49	0:03	1	0:49	0:03	0:46 (7204)
	802	B-707-100B	748	0:52	0:06	31	0:50	0:04	0:46 (7204)
	806	B-707-300	75	0:52	0:06	19	0:52	0:06	0:46 (7204)
	808	B-707-300B	246	0:53	0:07	192	0:50	0:04	0:46 (7204)
	809	B-707-300C	250	0:52	0:06	19	0:51	0:05	0:46 (7204)
	816	B-747	213	0:53	0:07				0:46 (7204)
	TOTAL		1786	0:52	0:06	377	0:51	0:05	
UA	620	B-737-200	866	0:50	0:08				0:46 (7204)
	710	B-727-100	2862	0:52	0:05				0:46 (7204)
	711	B-727-100C/QC	332	0:52	0:06				0:46 (7204)
	715	B-727-200	66	0:52	0:06				0:46 (7204)
	730	DC-10-10	10	0:59	0:13				0:46 (7204)
	816	B-747	8	0:53	0:07	1	0:50	0:04	0:46 (7204)
	842	DC-8-20	275	0:52	0:06	1	0:56	0:10	0:46 (7204)
	848	DC-8-50	136	0:51	0:05				0:46 (7204)
	850	DC-8-50F	181	0:53	0:07				0:46 (7204)
	851	DC-8-61	510	0:53	0:07	36	0:52	0:06	0:46 (7204)
	854	DC-8-62	61	0:51	0:05	1	0:51	0:05	0:46 (7204)
	TOTAL		4907	0:52	0:06	39	0:52	0:06	
WA	620	B-737-200	1057	0:53	0:07	1	0:52	0:06	0:46 (7204)
	715	B-727-200	753	0:50	0:04	713	0:49	0:03	0:46 (7204)
	730	DC-10-10	1	0:52	0:06				0:46 (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) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
								0:46 (7204)
WA (CONT)	809 B-707-300C	145	0:53	0:07				
	814 B-720-000B	693	0:51	0:05	1	0:48	0:02	0:46 (7204)
	TOTAL	2649	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 LGA ==> BOS
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY (0700-2259) AVG AIR TIME	BUSY (0700-2259) AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL (2300-0659) AVG AIR TIME	DULL (2300-0659) AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	1071	0:34	0:08				0:26 (7212)
	715 B-727-200	585	0:35	0:08				0:26 (7212)
	730 DC-10-10	144	0:34	0:07				0:26 (7212)
	TOTAL	1800	0:34	0:08				
DL	640 DC-9-30	57	0:36	0:10				0:26 (7212)
	715 B-727-200	244	0:34	0:07				0:26 (7212)
	TOTAL	301	0:34	0:08				
EA	550 L-1011A-08/1ABC	3099	0:41	0:05				0:35 (7201)
	640 DC-9-30	4956	0:34	0:08				0:26 (7212)
	710 B-727-100	67	0:35	0:09				0:26 (7212)
	711 B-727-100C/QC	43	0:37	0:10				0:26 (7212)
	715 B-727-200	101	0:36	0:10				0:26 (7212)
	760 L-1011	22	0:36	0:10				0:26 (7212)
	TOTAL	8288	0:37	0:07				
TW	630 DC-9-10	142	0:34	0:08				0:26 (7212)
	710 B-727-100	1	0:34	0:08				0:26 (7212)
	TOTAL	143	0:34	0:08				
ROUTE SUMMARY		10532	0:36	0:07				

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

TABLE I-4-9

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

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

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	207	0:45	0:07				0:38 (7205)
	715 B-727-200	305	0:46	0:08				0:38 (7205)
	730 DC-10-10	1	0:40	0:01				0:38 (7205)
	802 B-707-100B	241	0:45	0:06				0:38 (7205)
	808 B-707-300B	33	0:44	0:05				0:38 (7205)
	809 B-707-300C	45	0:46	0:07				
	TOTAL	832	0:45	0:07				
DL	640 DC-9-30	2850	0:45	0:07				0:38 (7205)
	710 B-727-100	1	0:39	0:00				0:38 (7205)
	715 B-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				
NZ	458 FH-227	3	1:31	0:26				1:05 (7212)
	630 DC-9-10	298	0:47	0:08	7	0:44	0:06	0:38 (7205)
	640 DC-9-30	1633	0:47	0:08	36	0:45	0:07	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 SFO ==> SEA
STAGE LENGTH = 678 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259) #FLIGHTS	BUSY AVG AIR TIME	BUSY AVG AIR DELAY	DULL (2300-0659) #FLIGHTS	DULL AVG AIR TIME	DULL AVG AIR DELAY	NOMINAL TIME (DATE)
PA	808 B-707-300B	65	1:35	0:11				1:24 (7206)
	816 B-747	178	1:28	0:04				1:24 (7206)
	TOTAL	243	1:30	0:06				
UA	620 B-737-200	5	1:39	0:16				1:24 (7206)
	710 B-727-100	1361	1:30	0:07	208	1:29	0:05	1:24 (7206)
	711 B-727-100C/QC	409	1:32	0:08	7	1:28	0:04	1:24 (7206)
	715 B-727-200	87	1:31	0:08	5	1:25	0:01	1:24 (7206)
	730 DC-10-10	79	1:26	0:02				1:24 (7206)
	842 DC-8-20	396	1:32	0:08	30	1:28	0:04	1:24 (7206)
	848 DC-8-50	175	1:31	0:08	13	1:26	0:02	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	0:02	1:24 (7206)
	854 DC-8-62	2	1:29	0:05	1	1:20	-0:04	1:24 (7206)
	TOTAL	2552	1:31	0:07	265	1:28	0:05	
WA	620 B-737-200	1173	1:34	0:11				1:24 (7206)
	715 B-727-200	604	1:28	0:05	356	1:27	0:04	1:24 (7206)
	814 B-720-000B	59	1:31	0:07	1	1:25	0:01	1:24 (7206)
	TOTAL	1836	1:32	0:08	357	1:27	0:04	
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 ==> DFW
STAGE LENGTH = 731 ST. MILES

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 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 (7404)
	710 B-727-100	1	0:06			1		1:35 (7404)
	715 B-727-200	302	0:01	146	0:06	448	0:05	1:35 (7404)
	760 L-1011	342	0:11	620	0:04	962	-0:07	1:35 (7404)
	A16 B-747	561	0:04	315	0:08	876	0:04	1:35 (7404)
	A4A DC-8-50	785	0:08	910	0:0A	1695	-0:00	1:35 (7404)
	A51 DC-8-61	145	0:11	359	0:08	504	-0:03	1:35 (7404)
	TOTAL	2141	0:07	2487	0:06	462A	-0:00	
EA	630 DC-9-10	118	0:08	1	0:03	119	-0:04	1:35 (7404)
	640 DC-9-30	397	0:13	1068	0:13	1465	0:00	1:35 (7404)
	710 B-727-100	241	0:06	210	0:10	451	0:04	1:35 (7404)
	711 B-727-100C/QC	155	0:04	73	0:07	228	0:02	1:35 (7404)
	715 B-727-200	155	0:04	3	0:11	158	0:07	1:35 (7404)
	TOTAL	1066	0:08	1355	0:12	2421	0:04	
ROUTE SUMMARY		3207	0:07	3842	0:08	7049	0:01	

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

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	1	0:18	1	0:20	2	0:02	0:42 (7210)
	715 B-727-200	75	0:12	7	0:10	82	-0:02	0:42 (7210)
	730 DC-10-10	121	0:12			121		0:42 (7210)
	802 B-707-100B	130	0:13	179	0:13	309	0:00	0:42 (7210)
	808 B-707-300B	32	0:11	33	0:09	65	-0:02	0:42 (7210)
	809 B-707-300C	70	0:13	76	0:12	146	-0:01	0:42 (7210)
	TOTAL	429	0:13	296	0:13	725	-0:00	
AL	630 CV-580	23	-0:09	2	-0:09	25	-0:00	1:28 (7204)
	605 B-1-11-200	1828	0:17	317	0:19	2145	0:02	0:42 (7210)
	640 DC-9-30	2241	0:14	2862	0:13	5103	-0:01	0:42 (7210)
	650 MISCELLANEOUS			54	0:15	54		0:42 (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	0:42 (7210)
	710 B-727-100			199	0:10	199		0:42 (7210)
	715 B-727-200	1064	0:12	931	0:12	1995	-0:00	0:42 (7210)
	84A DC-8-50			207	0:12	207		0:42 (7210)
	851 DC-8-61			1	0:10	1		0:42 (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	0:42 (7210)
	711 B-727-100C/QC	61	0:14	123	0:11	184	-0:03	0:42 (7210)
	715 B-727-200	14	0:13	9	0:11	23	-0:02	0:42 (7210)
	TOTAL	179	0:14	338	0:13	517	-0:02	
PA	808 B-707-300B	101	0:17			101		0:42 (7210)
	809 B-707-300C	41	0:18			41		0:42 (7210)
	TOTAL	142	0:17			142		
TW	809 B-707-300C			123	0:10	123		0:42 (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	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
	TOTAL			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 CLE ==> DTW
STAGE LENGTH = 95 ST. MILES

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 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 30		0:18 (7202) 0:18 (7202)
	640 DC-9-30							
	TOTAL	26	0:08	30	0:05	56	-0:02	
DL	440 DC-9-30	337	0:02	360	0:03	697	0:01	0:18 (7202)
	TOTAL	337	0:02	360	0:03	697	0:01	
EA	630 DC-9-10			20	0:06	20		0:18 (7202)
	640 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/QC	8	0:08			8		0:18 (7202)
	TOTAL	42	0:07	160	0:06	202	-0:01	
NC	430 CV-580	1409	0:04	2084	0:04	3493	0:00	0:24 (7209)
	640 DC-9-30	542	0:06	715	0:06	1257	0:00	0:18 (7202)
	TOTAL	1951	0:04	2799	0:04	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	0:06	296	0:07	716	0:01	
UA	450 DC-8-50F	162	0:05	161	0:05	323	0:00	0:18 (7202)
	TOTAL	162	0:05	161	0:05	323	0:00	
ROUTE SUMMARY		2938	0:04	3806	0:05	6744	0:00	

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

TABLE I-5-4

AIRBORNE DELAYS DURING 1974 AND 1975

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

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

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	2005	0:23	1924	0:21	3929	-0:02	1:22 (7207)
	715 B-727-200	1039	0:21	1125	0:19	2164	-0:02	1:22 (7207)
	TOTAL	3044	0:22	3049	0:20	6093	-0:02	
TW	710 B-727-100	344	0:17	433	0:17	777	0:01	1:22 (7207)
	711 B-727-100C/QC	105	0:17	131	0:16	236	-0:01	1:22 (7207)
	715 B-727-200	974	0:23	1818	0:18	2792	-0:05	1:22 (7207)
	TOTAL	1423	0:21	2382	0:18	3805	-0:03	
UA	620 B-737-200	213	0:22	368	0:21	581	-0:01	1:22 (7207)
	710 B-727-100	422	0:25	761	0:17	1183	-0:08	1:22 (7207)
	711 B-727-100C/QC	162	0:19	133	0:13	295	-0:07	1:22 (7207)
	715 B-727-200	987	0:23	1391	0:20	2378	-0:03	1:22 (7207)
	TOTAL	1784	0:23	2653	0:19	4437	-0:04	
ROUTE SUMMARY		6251	0:22	8084	0:19	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
STAGE LENGTH = 900 ST. MILES

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
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-720-000B	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	150	0:14	478	0:15	632	0:01	1:41 (7212)
	711 B-727-100C/QC	83	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-707-100B	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-707-300B	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	1:41 (7212)
	710 B-727-100	346	0:16	441	0:17	787	0:00	1:41 (7212)
	711 B-727-100C/QC	41	0:14	67	0:18	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	960	0:14	1550	-0:05	1:41 (7212)
	814 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

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
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 B-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 B-747			2	0:21	2		2:14 (7209)
	848 DC-8-50	156	0:11	367	0:08	523	-0:03	2:14 (7209)
	851 DC-8-61	5	0:25			5		2:14 (7209)
	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 B-727-100	184	0:12	376	0:13	560	0:01	2:14 (7209)
	711 B-727-100C/QC	450	0:09	194	0:14	644	0:05	2:14 (7209)
	715 B-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 B-727-100	8	0:06	126	0:04	134	-0:02	2:14 (7209)
	715 B-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 B-747	98	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	18	0:19			18		2:14 (7209)
	851 DC-8-61	18	0:14	2	0:16	20	0:02	2:14 (7209)
	TOTAL	536	0:09	684	0:07	1220	-0:02	
PA	710 B-727-100	4	0:08			4		2:14 (7209)
	808 B-707-300B	17	0:12			17		2:14 (7209)
	809 B-707-300C	5	0:16	36	0:12	41	-0:05	2:14 (7209)
	816 B-747			30	0:08	30		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 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
	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 LAX ==> SFO
STAGE LENGTH = 337 ST. MILES

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	B08 B-707-300B			1	0:01	1		0:46 (7204)
	B09 B-707-300C	391	0:05	363	0:07	754	0:02	0:46 (7204)
	TOTAL	391	0:05	364	0:07	755	0:02	
AN	B08 DC-8-50			1	0:02	1		0:46 (7204)
	B54 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	B08 DC-8-50	11	0:08	1	-0:03	12	-0:11	0:46 (7204)
	B51 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 B-727-100			1	0:07	1		0:46 (7204)
	715 B-727-200			1	0:09	1		0:46 (7204)
	733 DC10-40			1	0:05	1		0:46 (7204)
	B16 B-747	88	0:07	330	0:07	418	0:00	0:46 (7204)
	TOTAL	88	0:07	333	0:07	421	0:00	
PA	B08 B-707-300B	129	0:06	193	0:07	322	0:02	0:46 (7204)
	B09 B-707-300C	189	0:07	128	0:07	317	0:00	0:46 (7204)
	B16 B-747	553	0:06	702	0:07	1255	0:01	0:46 (7204)
	TOTAL	871	0:06	1023	0:07	1894	0:01	
RW	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 B-727-100	69	0:04	29	0:04	98	-0:00	0:46 (7204)
	711 B-727-100C/QC	16	0:03	12	0:04	28	0:01	0:46 (7204)
	715 B-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

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

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

AIRLINE	AIRCRAFT		1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
TW (CONT)	760	L-1011	177	0:04	214	0:03	391	-0:00	0:46 (7204)
	802	B-707-100B	680	0:05	779	0:06	1459	0:01	0:46 (7204)
	806	B-707-300	35	0:05	94	0:06	129	0:01	0:46 (7204)
	808	B-707-300B	445	0:05	438	0:06	883	0:01	0:46 (7204)
	809	B-707-300C	510	0:06	269	0:06	779	0:00	0:46 (7204)
	816	B-747	186	0:06	213	0:07	399	0:01	0:46 (7204)
	TOTAL		2324	0:05	2163	0:06	4487	0:00	
UA	620	B-737-200	698	0:08	866	0:08	1560	0:00	0:46 (7204)
	710	B-727-100	1636	0:05	2462	0:05	4098	0:00	0:46 (7204)
	711	B-727-100C/QC	482	0:06	332	0:06	814	-0:00	0:46 (7204)
	715	B-727-200	134	0:05	66	0:06	200	0:01	0:46 (7204)
	730	DC-10-10	5	0:06	10	0:13	15	0:07	0:46 (7204)
	816	B-747	3	0:08	9	0:07	12	-0:02	0:46 (7204)
	842	DC-8-20	187	0:06	276	0:06	463	0:00	0:46 (7204)
	844	DC-8-30	15	0:08			15		0:46 (7204)
	848	DC-8-50	53	0:04	136	0:05	189	0:01	0:46 (7204)
	850	DC-8-50F	164	0:06	181	0:07	345	0:01	0:46 (7204)
	851	DC-8-61	122	0:06	546	0:07	668	0:01	0:46 (7204)
	854	DC-8-62	88	0:05	62	0:05	150	-0:00	0:46 (7204)
	TOTAL		3583	0:06	4946	0:06	8529	0:00	
WA	620	B-737-200	807	0:06	1058	0:07	1865	0:01	0:46 (7204)
	715	B-727-200	542	0:04	1466	0:04	2008	-0:00	0:46 (7204)
	730	DC-10-10	1	0:03	1	0:06	2	0:03	0:46 (7204)
	809	B-707-300C	39	0:04	145	0:07	184	0:03	0:46 (7204)
	814	B-720-000B	192	0:04	694	0:05	886	0:01	0:46 (7204)
	TOTAL		1581	0:05	3364	0:05	4945	0:00	
ROUTE SUMMARY			10064	0:06	13935	0:06	23999	0:01	

----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

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	862	0:07	1071	0:08	1933	0:01	0:26 (7212)
	715 B-727-200	841	0:06	585	0:08	1426	0:02	0:26 (7212)
	730 DC-10-10	109	0:10	144	0:07	253	-0:02	0:26 (7212)
	TOTAL	1812	0:07	1800	0:08	3612	0:01	
DL	640 DC-9-30	211	0:02	57	0:10	268	0:08	0:26 (7212)
	715 B-727-200			244	0:07	244		0:26 (7212)
	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	0:35 (7201)
	640 DC-9-30	5720	0:07	4956	0:08	10676	0:01	0:26 (7212)
	710 B-727-100	88	0:07	67	0:09	155	0:02	0:26 (7212)
	711 B-727-100C/QC	26	0:06	43	0:10	69	0:04	0:26 (7212)
	715 B-727-200	163	0:09	101	0:10	264	0:01	0:26 (7212)
	760 L-1011			22	0:10	22		0:26 (7212)
	TOTAL	8763	0:07	8288	0:07	17051	0:01	
TW	630 DC-9-10			142	0:08	142		0:26 (7212)
	710 B-727-100			1	0:08	1		0:26 (7212)
	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. MILE

AIRLINE	AIRCRAFT		1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710	B-727-100	248	0:06	207	0:07	455	0:01	0:38 (7205)
	715	B-727-200	119	0:06	305	0:08	424	0:02	0:38 (7205)
	730	DC-10-10			1	0:01	1		0:38 (7205)
	802	B-707-100B	652	0:06	241	0:06	893	-0:00	0:38 (7205)
	808	B-707-300B	38	0:06	33	0:05	71	-0:01	0:38 (7205)
	809	B-707-300C	57	0:08	45	0:07	102	-0:01	0:38 (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	0:38 (7205)
	710	B-727-100	114	0:04	1	0:00	115	-0:03	0:38 (7205)
	715	B-727-200	292	0:01	321	0:06	613	0:04	0:38 (7205)
	844	DC-8-30	2	0:08			2		0:38 (7205)
	848	DC-8-50	2	0:04	60	0:07	62	0:03	0:38 (7205)
	TOTAL		3022	0:03	3232	0:07	6254	0:03	
OZ	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	0:38 (7205)
	640	DC-9-30	921	0:06	1669	0:08	2590	0:02	0:38 (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

AIRLINE	AIRCRAFT	1974 #FLIGHTS	1974 AVG AIR DELAY	1975 #FLIGHTS	1975 AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
PA	B08 B-707-300B	2	0:08	65	0:11	67	0:03	1:24 (7206)
	B14 B-747	96	0:03	178	0:04	274	0:02	1:24 (7206)
	TOTAL	98	0:03	243	0:06	341	0:03	
UA	620 B-737-200	3	0:13	5	0:16	8	0:03	1:24 (7206)
	710 B-727-100	871	0:07	1569	0:07	2440	-0:01	1:24 (7206)
	711 B-727-100C/QC	369	0:08	416	0:08	785	0:00	1:24 (7206)
	715 B-727-200	13	0:05	88	0:07	101	0:02	1:24 (7206)
	730 DC-10-10	1	0:12	79	0:02	80	-0:10	1:24 (7206)
	B16 B-747	1	0:02			1		1:24 (7206)
	B42 DC-8-20	249	0:08	426	0:08	675	0:00	1:24 (7206)
	B44 DC-8-30	7	0:14			7		1:24 (7206)
	B48 DC-8-50	89	0:09	188	0:07	277	-0:01	1:24 (7206)
	B50 DC-8-50F			23	0:09	23		1:24 (7206)
	B51 DC-8-61	192	0:07	20	0:07	212	0:01	1:24 (7206)
	B54 DC-8-62	17	0:05	3	0:02	20	-0:03	1:24 (7206)
	TOTAL	1812	0:08	2817	0:07	4629	-0:01	
WA	620 B-737-200	621	0:10	1173	0:11	1794	0:01	1:24 (7206)
	715 B-727-200	440	0:03	960	0:04	1400	0:01	1:24 (7206)
	B09 B-707-300C	2	0:03			2		1:24 (7206)
	B14 B-720-000B	148	0:07	60	0:07	208	0:00	1:24 (7206)
	TOTAL	1211	0:07	2193	0:08	3404	0:01	
ROUTE SUMMARY		3121	0:07	5253	0:07	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
ATL	8	4
BOS	9	2
CLE	7	3
DCA	9	5
DEN	3	2
DFW	6	3
DTW	8	3
EWR	9	4
JFK	15	7
LAX	9	5
LGA	8	4
MIA	7	2
MSP	5	2
MSY	4	2
ORD	9	5
PHL	7	2
PIT	2	2
SEA	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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:10	0:07	0:06	0:02	0:11	0:10	0:06	0:03
FEB	0:10	0:09	0:06	0:03	0:10	0:10	0:06	0:04
MAR	0:10	0:09	0:06	0:04	0:10	0:11	0:06	0:05
APR	0:11	0:09	0:05	0:06	0:10	0:11	0:06	0:05
MAY	0:11	0:12	0:06	0:03	0:11	0:14	0:07	0:03
JUN	0:12	0:12	0:05	0:02	0:11	0:15	0:07	0:03
JUL	0:12	0:11	0:05	0:02	0:11	0:14	0:07	0:03
AUG	0:12	0:10	0:05	0:04	0:11	0:12	0:07	0:03
SEP	0:11	0:12	0:06	0:02	0:12	0:14	0:07	0:04
OCT	0:11	0:09	0:06	0:05	0:12	0:13	0:07	0:04
NOV	0:11	0:09	0:06	0:04	*	*	*	*
DEC	0:10	0:08	0:06	0:04	*	*	*	*
TOTAL	0:11	0:10	0:06	0:04	0:11	0:12	0:07	0:04

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	1615	158	1791	18	3318	420	3385	152
FEB	3018	440	3194	135	3317	433	3501	173
MAR	3203	366	3384	93	3544	417	3786	127
APR	3078	329	3199	60	3398	407	3659	120
MAY	3225	531	3371	122	3788	476	3899	181
JUN	2967	456	3076	90	3535	466	3633	117
JUL	2950	411	3084	92	3537	482	3718	121
AUG	3850	559	3981	145	3728	480	3848	184
SEP	3219	446	3398	142	3247	405	3406	160
OCT	3165	453	3423	114	2988	392	3178	142
NOV	3399	472	3499	195	3676	426	3688	203
DEC	3122	452	3230	180	3113	400	3191	175
TOTAL	36811	5073	38630	1386	41189	5204	42872	1855

FIGURE II-2-1

ATL

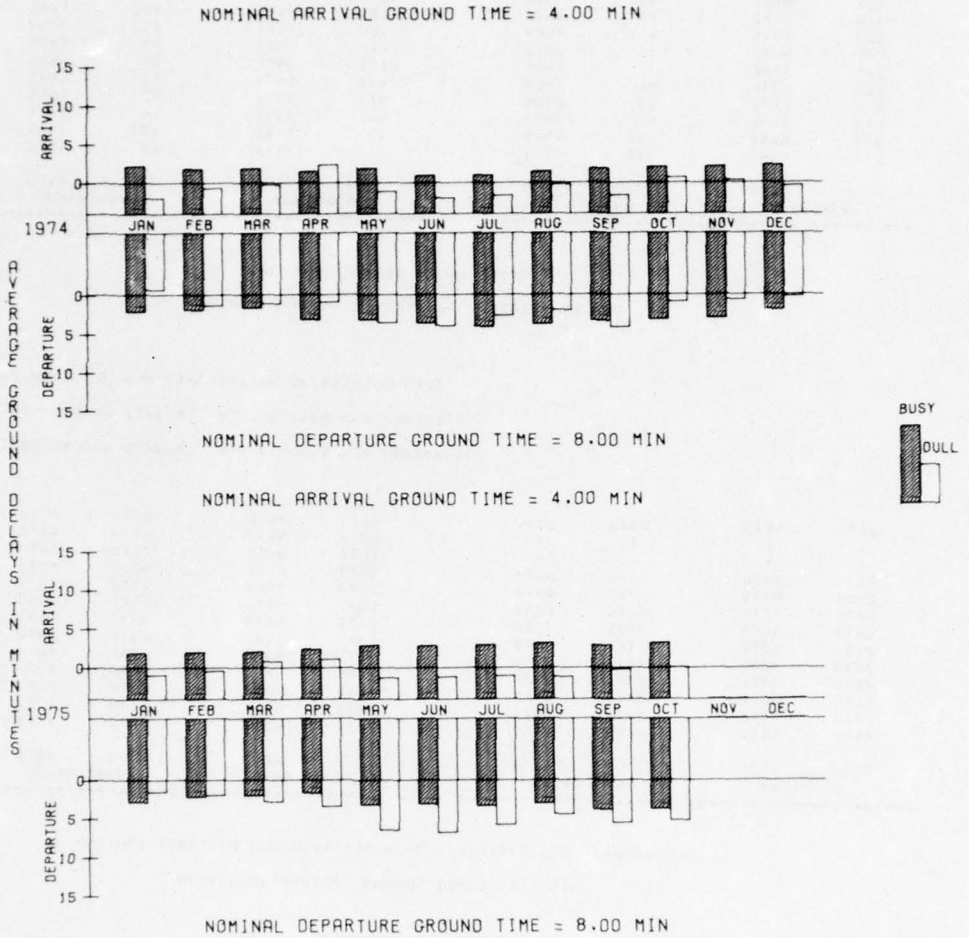


TABLE II-2-2

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT BOS

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:10	0:14	0:05	0:02	0:09	0:07	0:05	0:02
FEB	0:11	0:11	0:06	0:02	0:10	0:08	0:06	0:02
MAR	0:09	0:12	0:05	0:03	0:09	0:09	0:05	0:03
APR	0:09	0:08	0:05	0:03	0:08	0:10	0:05	0:02
MAY	0:08	0:11	0:06	0:02	0:08	0:09	0:06	0:02
JUN	0:09	0:10	0:05	0:02	0:10	0:10	0:05	0:02
JUL	0:10	0:08	0:05	0:02	0:11	0:08	0:05	0:03
AUG	0:09	0:10	0:06	0:03	0:09	0:08	0:06	0:02
SEP	0:08	0:10	0:06	0:02	0:08	0:08	0:05	0:02
OCT	0:08	0:09	0:06	0:05	0:09	0:09	0:06	0:02
NOV	0:09	0:07	0:06	0:03	*	*	*	*
DEC	0:09	0:08	0:06	0:03	*	*	*	*
TOTAL	0:09	0:09	0:06	0:03	0:09	0:08	0:05	0:02

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

* SEE PAGE 78 FOR EXPLANATION OF MISSING DATA

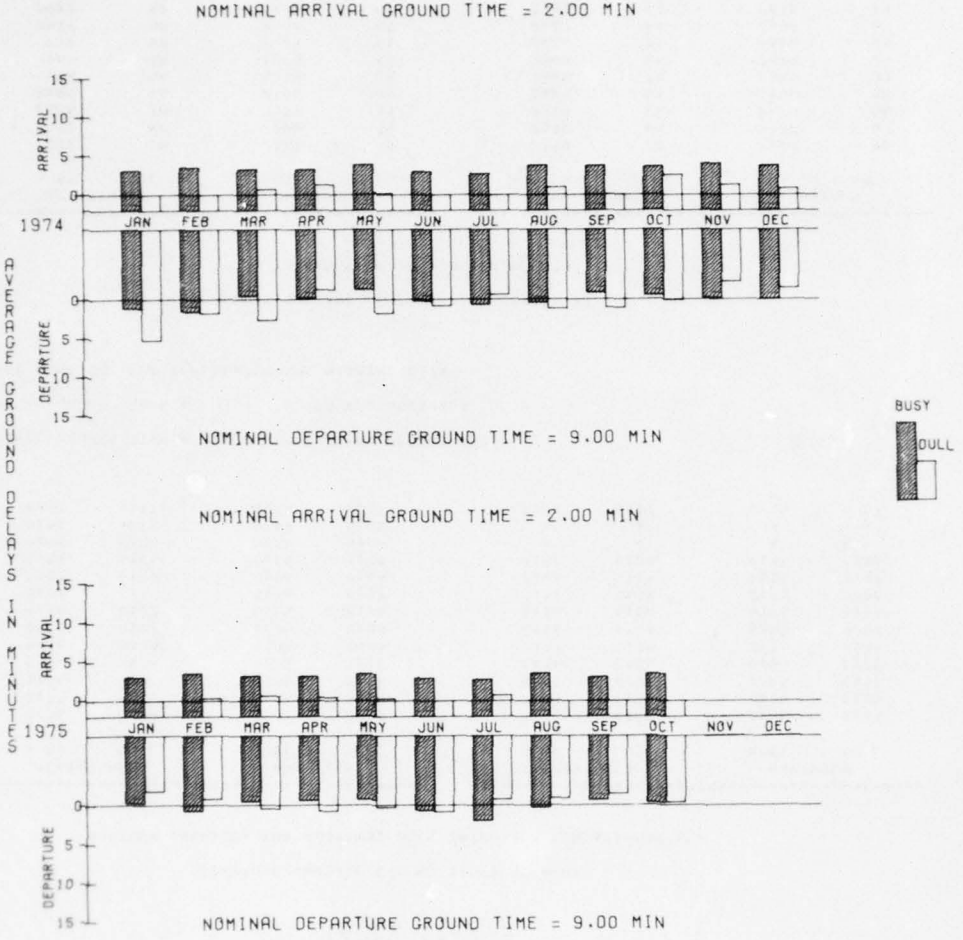
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT BOS

TO AND FROM 19 STUDY AIRPORTS

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	2221	27	2136	1	3727	170	3549	173
FEB	3551	109	3379	93	3830	145	3599	163
MAR	3774	95	3581	113	4020	74	3671	119
APR	3687	72	3364	110	3862	69	3473	115
MAY	3493	53	3293	128	4301	94	4129	173
JUN	3338	51	3067	137	3581	71	3231	145
JUL	3224	52	2918	117	3392	74	3126	120
AUG	4626	151	4337	230	4430	103	4146	183
SEP	3971	141	3638	187	3751	97	3444	175
OCT	4019	151	3636	169	3755	105	3349	187
NOV	4101	145	3874	236	4088	147	3870	165
DEC	3870	175	3624	207	3316	132	3330	104
TOTAL	43875	1222	40847	1728	46053	1281	42917	1822

FIGURE II-2-2

BOS



AD-A039 483 TRANSPORTATION SYSTEMS CENTER CAMBRIDGE MASS F/G 1/2
AIRLINE DELAY TRENDS, 1974-1975. A STUDY OF BLOCK TIME DELAYS, --ETC(U)
MAR 77 H M CONDELL, S M HOROWITZ
UNCLASSIFIED TSC-FAA-77-6 FAA-EM-77-2 NL

2 OF 3
AD A039483

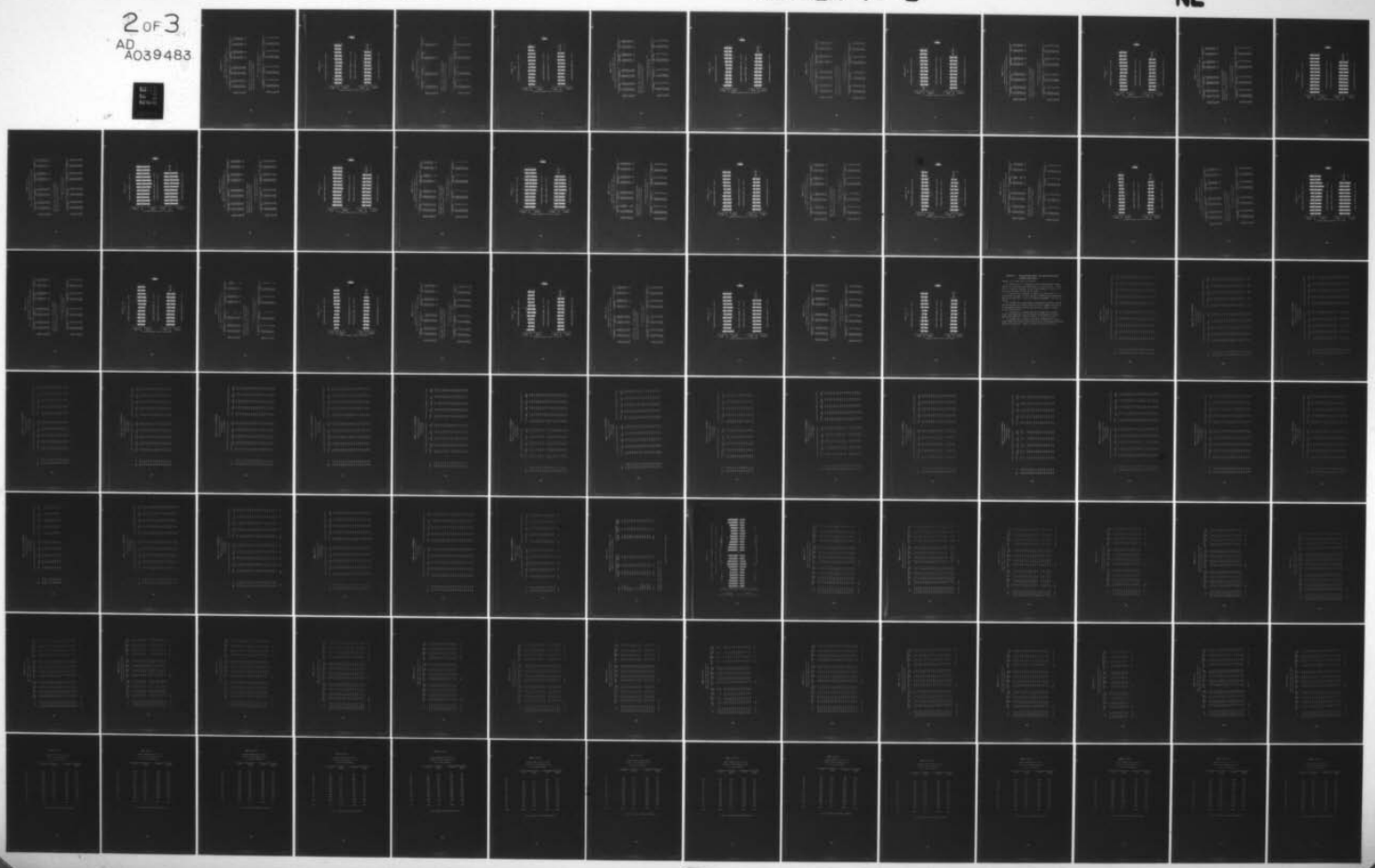


TABLE II-2-3

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT CLE

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:06	0:09	0:06	0:08	0:06	0:06	0:05	0:08
FEB	0:08	0:11	0:06	0:10	0:07	0:05	0:06	0:06
MAR	0:06	0:07	0:05	0:06	0:07	0:05	0:05	0:07
APR	0:07	0:06	0:05	0:05	0:06	0:06	0:05	0:08
MAY	0:06	0:09	0:05	0:06	0:07	0:09	0:06	0:08
JUN	0:07	0:07	0:05	0:04	0:06	0:08	0:05	0:08
JUL	0:08	0:07	0:05	0:06	0:06	0:06	0:06	0:09
AUG	0:08	0:07	0:06	0:07	0:06	0:08	0:06	0:06
SEP	0:07	0:07	0:06	0:06	0:06	0:09	0:05	0:09
OCT	0:06	0:05	0:06	0:08	0:06	0:09	0:05	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	0:06	0:07	0:05	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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	312	19	385	50	2354	70	2347	24
FEB	2302	60	2222	75	2377	65	2332	47
MAR	2506	70	2438	88	2575	56	2478	56
APR	2460	46	2390	64	2466	53	2396	38
MAY	1198	49	1206	52	2685	74	2681	27
JUN	967	46	1010	50	2442	65	2523	24
JUL	980	47	1023	51	2416	70	2319	26
AUG	3037	98	2946	59	2667	84	2640	49
SEP	2622	62	2630	52	2387	45	2437	19
OCT	2652	68	2671	56	1981	23	2056	23
NOV	2113	38	2058	54	2630	59	2615	18
DEC	1940	34	1906	47	1859	48	1794	19
TOTAL	23089	637	22885	698	28839	712	28418	370

FIGURE II-2-3

CLE

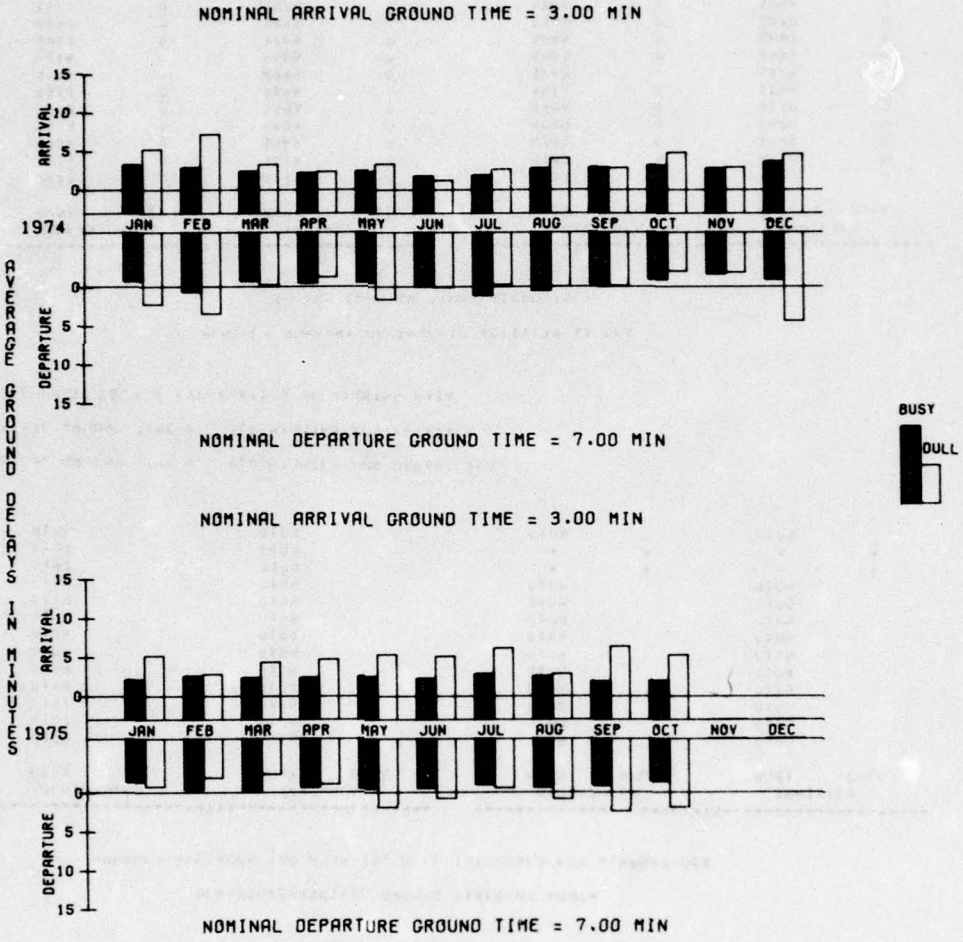


TABLE II-2-4

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT DCA

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	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		0:04	
JUN	0:09		0:04		0:09		0:05	
JUL	0:08		0:04		0:09		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		0:04	
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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	2020	0	2135	0	4007	0	3838	0
FEB	3615	0	3458	0	3782	0	3577	0
MAR	4009	0	3869	0	4204	0	3924	0
APR	3913	0	3808	0	4049	0	3820	0
MAY	3632	0	3393	0	4384	0	4170	0
JUN	3314	0	3146	0	3811	0	3764	0
JUL	3046	0	2935	0	3762	0	3723	0
AUG	4218	0	4065	0	4093	0	3971	0
SEP	3917	0	3769	0	3685	0	3687	0
OCT	4090	0	3935	0	3340	0	3278	0
NOV	3570	0	3379	0	3784	0	3756	0
DEC	3353	0	3219	0	3414	0	3284	0
TOTAL	42697	0	41111	0	46315	0	44753	0

FIGURE II-2-4

DCA

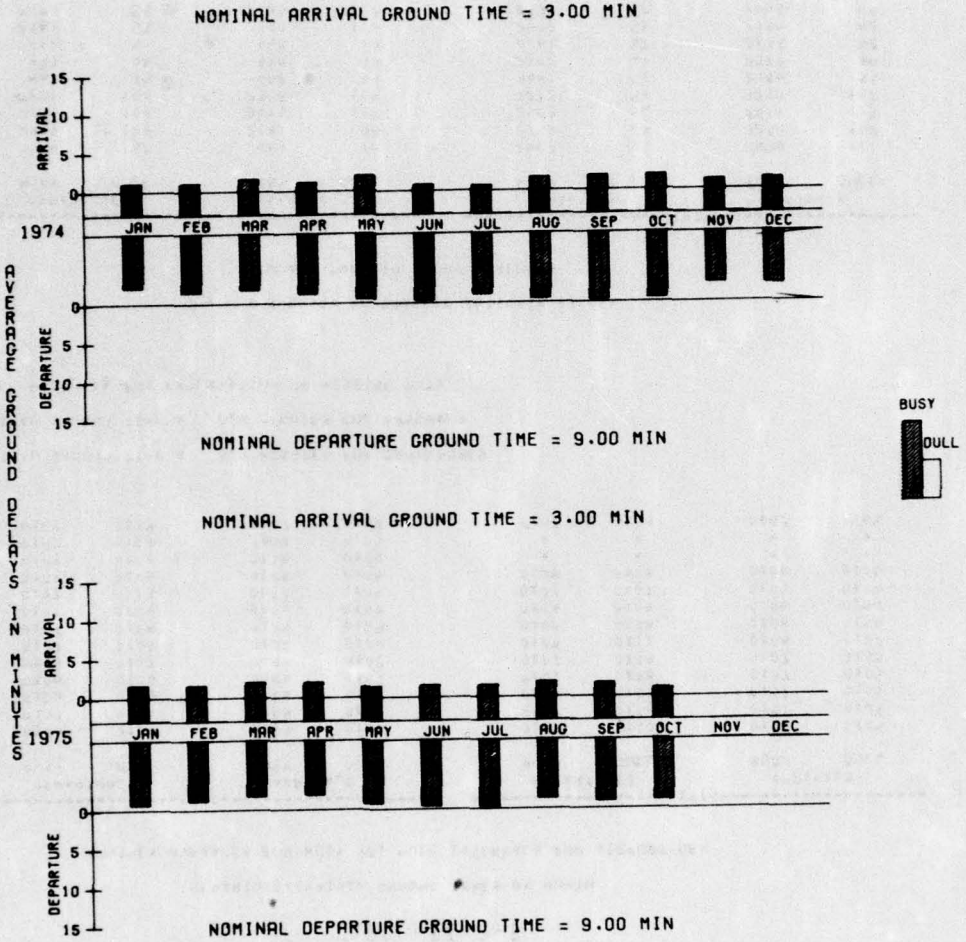


TABLE II-2-5

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT DEN

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:06	0:10	0:09	0:04	0:07	0:10	0:07	0:05
FEB	0:07	0:05	0:05	0:03	0:07	0:06	0:07	0:05
MAR	0:06	0:06	0:06	0:02	0:07	0:05	0:07	0:05
APR	0:06	0:04	0:06	0:04	0:07	0:08	0:07	0:05
MAY	0:05	0:07	0:05	0:02	0:07	0:09	0:07	0:05
JUN	0:07	0:09	0:04	0:04	0:08	0:11	0:06	0:04
JUL	0:07	0:08	0:05	0:05	0:08	0:08	0:06	0:04
AUG	0:07	0:09	0:06	0:04	0:08	0:09	0:06	0:04
SEP	0:07	0:13	0:07	0:04	0:07	0:07	0:05	0:04
OCT	0:07	0:06	0:08	0:06	0:08	0:08	0:06	0:06
NOV	0:07	0:07	0:08	0:06	*	*	*	*
DEC	0:07	0:08	0:08	0:05	*	*	*	*
TOTAL	0:07	0:07	0:07	0:04	0:07	0:08	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 DEN

TO AND FROM 19 STUDY AIRPORTS

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	429	30	461	76	2447	50	2486	111
FEB	2099	102	2181	98	2252	48	2232	102
MAR	2301	106	2411	117	2502	56	2436	115
APR	2221	101	2308	109	2272	53	2240	107
MAY	968	75	992	93	2481	51	2446	93
JUN	890	48	928	59	2102	49	2072	90
JUL	910	51	953	60	2161	52	2133	92
AUG	2863	53	2944	114	2807	51	2788	92
SEP	2472	51	2520	107	2390	52	2463	89
OCT	2388	51	2436	112	2405	53	2510	93
NOV	2201	46	2242	103	2405	40	2433	85
DEC	2237	48	2325	108	2023	52	2027	90
TOTAL	21979	762	22701	1156	28247	607	28266	1159

FIGURE II-2-5

DEN

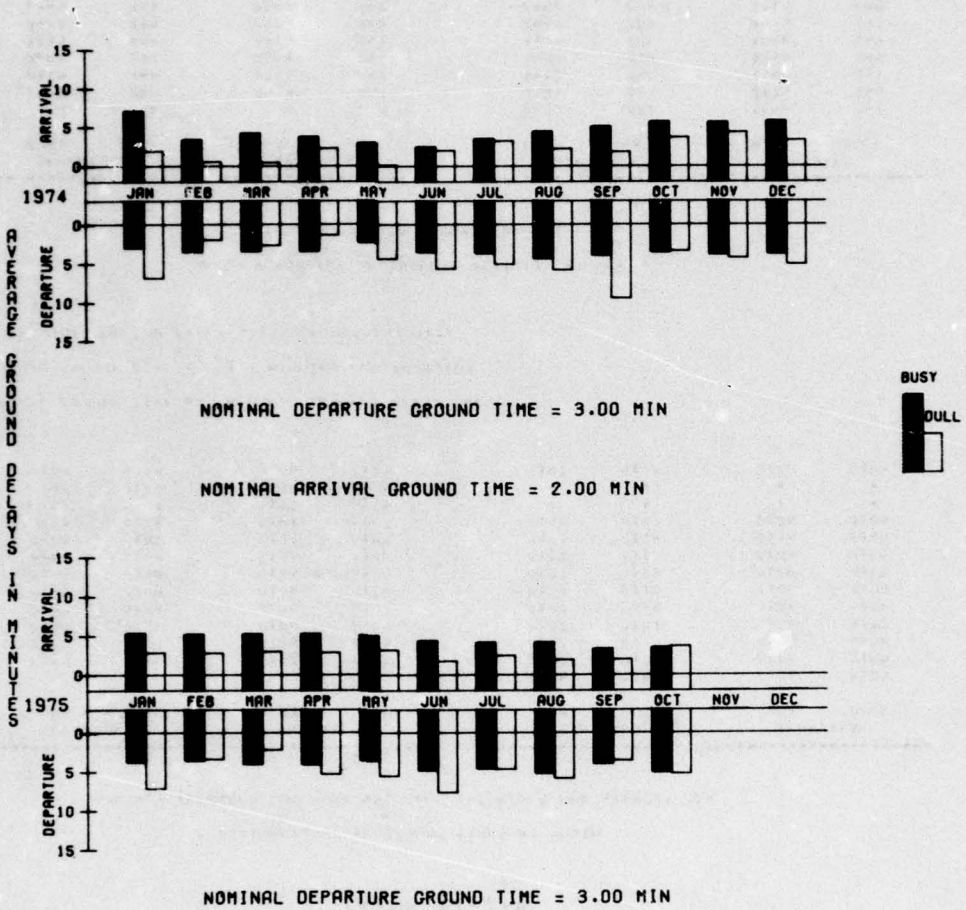


TABLE II-2-6

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT DFW

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

NOMINAL GROUND TIME = 6.0 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 DFW

TO AND FROM 19 STUDY AIRPORTS

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0	0	0	0	2897	271	3096	257
FEB	2707	240	2589	287	3041	313	2975	366
MAR	2819	262	2703	259	3112	350	3069	311
APR	2693	233	2608	250	3007	398	3010	806
MAY	3253	288	3210	243	3328	325	3218	469
JUN	2982	290	2926	282	2881	202	2983	391
JUL	2985	321	2880	292	2952	201	3014	408
AUG	3566	397	3503	392	3515	351	3412	514
SEP	2990	513	3072	340	2986	198	2859	435
OCT	3100	425	3182	361	2957	158	2837	435
NOV	3309	295	3167	364	3279	229	3132	391
DEC	3028	295	3049	298	3216	177	2950	391
TOTAL	33272	3259	32929	3418	37171	3099	36515	4874

FIGURE II-2-6

DFW

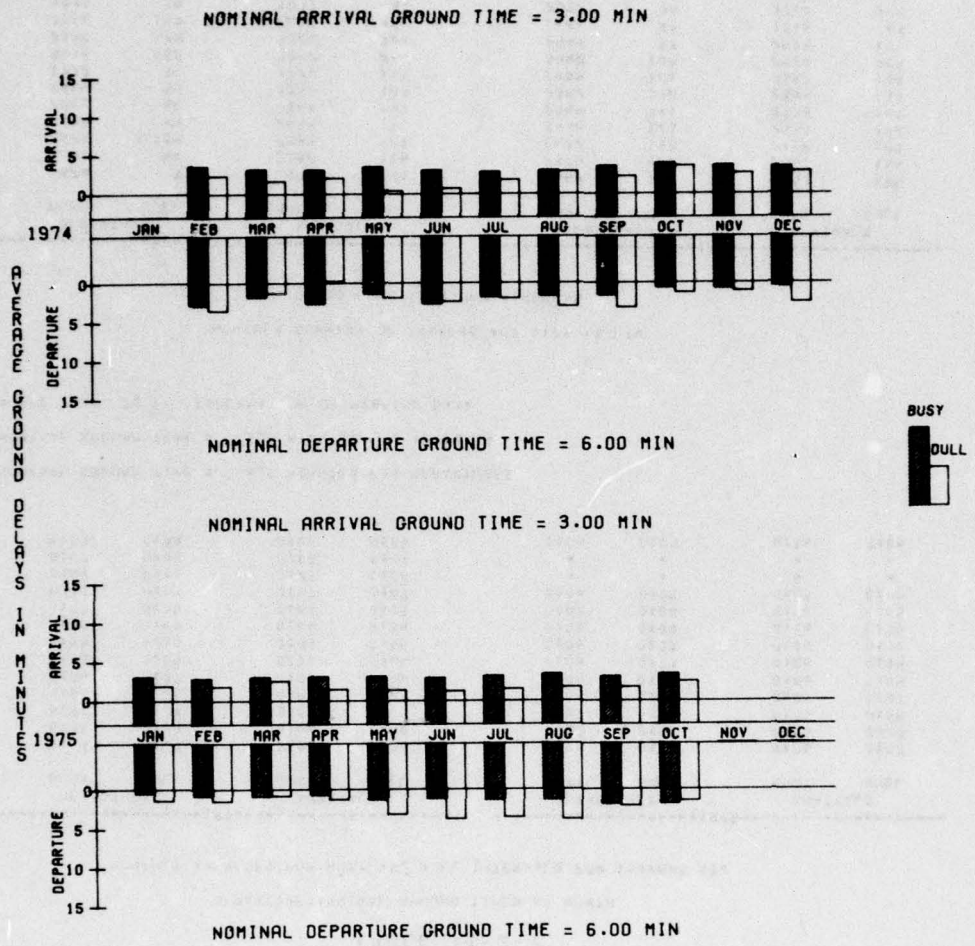


TABLE II-2-7

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT DTW

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:08	0:09	0:06	0:02	0:06	0:10	0:06	0:07
FEB	0:08	0:08	0:06	0:04	0:07	0:17	0:06	0:08
MAR	0:07	0:07	0:06	0:05	0:07	0:07	0:06	0:08
APR	0:06	0:05	0:06	0:08	0:06	0:08	0:07	0:07
MAY	0:06	0:07	0:06	0:04	0:06	0:07	0:06	0:05
JUN	0:08	0:09	0:06	0:04	0:06	0:07	0:06	0:05
JUL	0:08	0:10	0:05	0:05	0:06	0:07	0:06	0:06
AUG	0:09	0:09	0:06	0:06	0:06	0:09	0:06	0:05
SEP	0:08	0:09	0:07	0:05	0:07	0:09	0:06	0:05
OCT	0:07	0:08	0:07	0:07	0:06	0:05	0:05	0:06
NOV	0:07	0:06	0:07	0:08	*	*	*	*
DEC	0:07	0:06	0:07	0:07	*	*	*	*
TOTAL	0:07	0:08	0:06	0:05	0:06	0:09	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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	824	3	904	56	2669	100	2407	185
FEB	2384	98	2362	166	2570	122	2557	166
MAR	2620	109	2523	187	2672	132	2712	180
APR	2498	99	2433	157	2448	123	2533	172
MAY	2202	66	2146	144	2949	141	2773	140
JUN	1855	34	1752	109	2382	116	2385	130
JUL	1772	35	1720	111	2408	107	2367	134
AUG	3418	168	3292	284	3042	100	2924	208
SEP	2809	124	2686	244	2597	97	2573	171
OCT	2716	119	2638	254	1681	47	1716	63
NOV	1970	39	1877	84	2852	96	2744	204
DEC	1721	58	1557	79	2465	68	2390	165
TOTAL	26789	928	25890	1875	30735	1249	30081	1918

FIGURE II-2-7

DTW

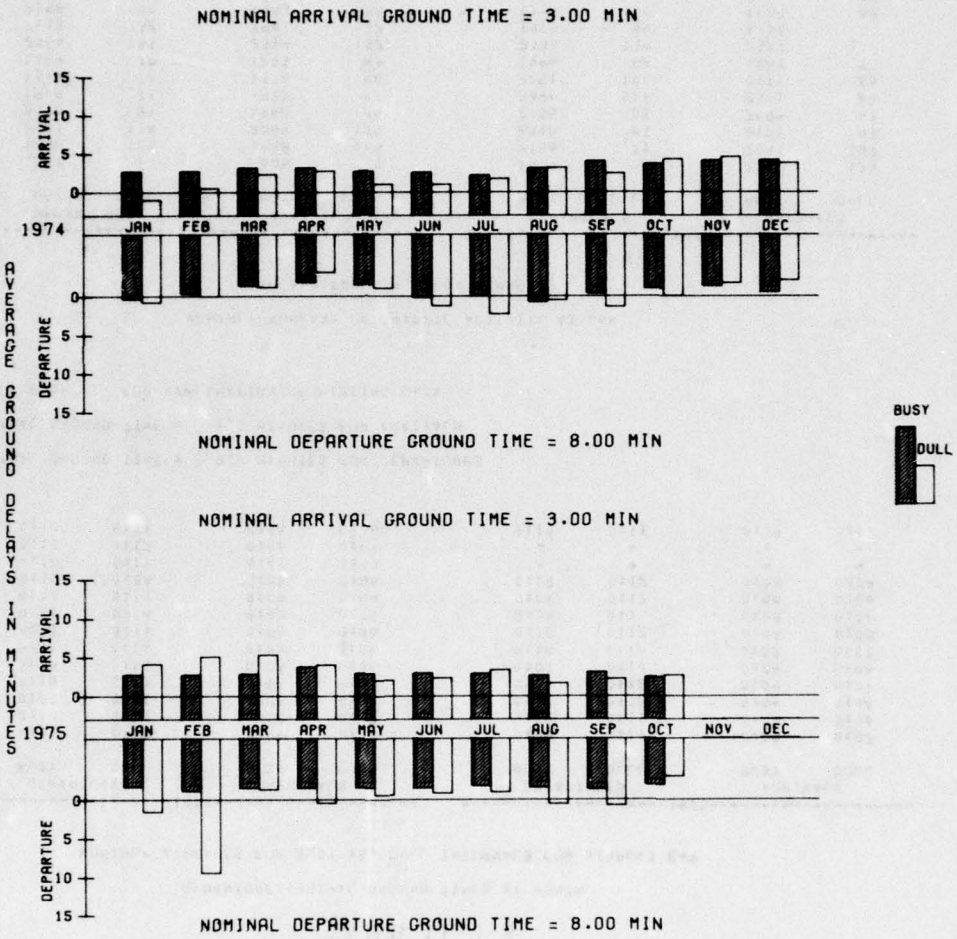


TABLE II-2-8

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT EWR

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

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 8.0 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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	567	20	605	0	1909	80	1752	125
FEB	1896	125	1858	115	2156	71	2031	147
MAR	2117	118	2049	129	2348	83	2141	97
APR	2070	91	1980	125	2145	83	2098	67
MAY	1540	73	1527	83	2390	117	2311	68
JUN	1384	72	1374	80	2051	108	1971	66
JUL	1309	72	1243	83	1986	88	1887	70
AUG	2404	151	2318	132	2336	139	2307	102
SEP	2118	132	1941	122	1929	89	1740	90
OCT	2150	108	1943	128	1715	100	1509	88
NOV	2058	101	1952	113	2336	105	2188	77
DEC	1888	72	1636	121	1941	88	1875	80
TOTAL	21461	1171	20426	1231	25322	1151	23850	1077

FIGURE II-2-8
EWR

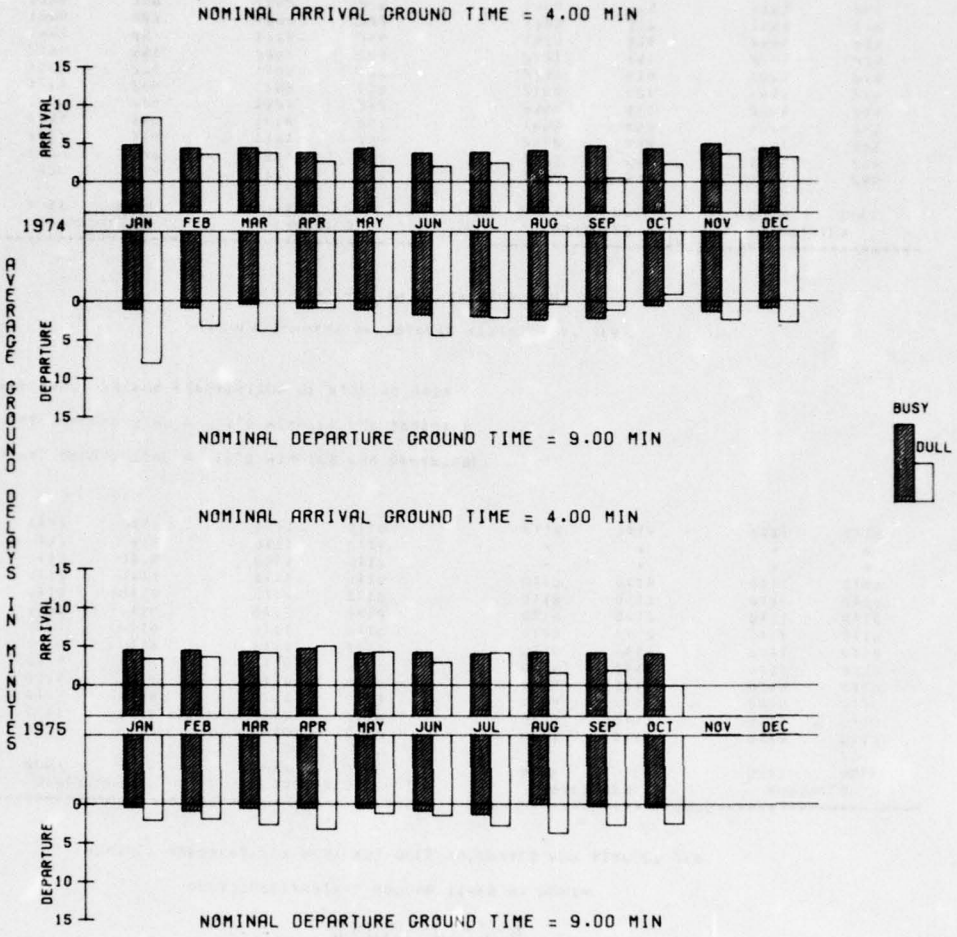


TABLE II-2-9

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT JFK

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:16	0:17	0:10	0:10	0:17	0:16	0:10	0:10
FEB	0:17	0:18	0:10	0:10	0:18	0:17	0:11	0:10
MAR	0:15	0:16	0:10	0:11	0:16	0:15	0:10	0:10
APR	0:16	0:16	0:10	0:10	0:16	0:15	0:10	0:10
MAY	0:16	0:17	0:10	0:09	0:16	0:16	0:11	0:10
JUN	0:19	0:19	0:11	0:10	0:18	0:17	0:11	0:10
JUL	0:21	0:19	0:11	0:10	0:20	0:18	0:12	0:10
AUG	0:20	0:16	0:12	0:10	0:19	0:17	0:11	0:10
SEP	0:18	0:18	0:12	0:10	0:18	0:17	0:11	0:10
OCT	0:17	0:14	0:11	0:10	0:17	0:15	0:11	0:09
NOV	0:16	0:15	0:11	0:10	*	*	*	*
DEC	0:17	0:16	0:11	0:11	*	*	*	*
TOTAL	0:17	0:17	0:11	0:10	0:18	0:16	0:11	0:10

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	820	92	771	50	1782	506	1730	266
FEB	1899	392	1844	267	1970	462	1994	296
MAR	2012	386	1771	296	2062	488	2191	291
APR	1834	369	1618	247	1955	450	1898	265
MAY	1305	279	1327	212	2364	464	2265	244
JUN	1215	286	1267	174	2168	421	1935	206
JUL	1103	274	1102	177	2230	434	1885	214
AUG	2196	557	2092	284	2621	431	2401	276
SEP	1903	457	1778	246	1920	334	1800	213
OCT	1906	487	1594	272	1788	307	1553	172
NOV	1756	469	1660	215	1998	353	1783	267
DEC	1693	459	1624	212	1695	292	1464	238
TOTAL	19642	4509	18488	2652	24549	4943	22899	2988

FIGURE II-2-9

JFK

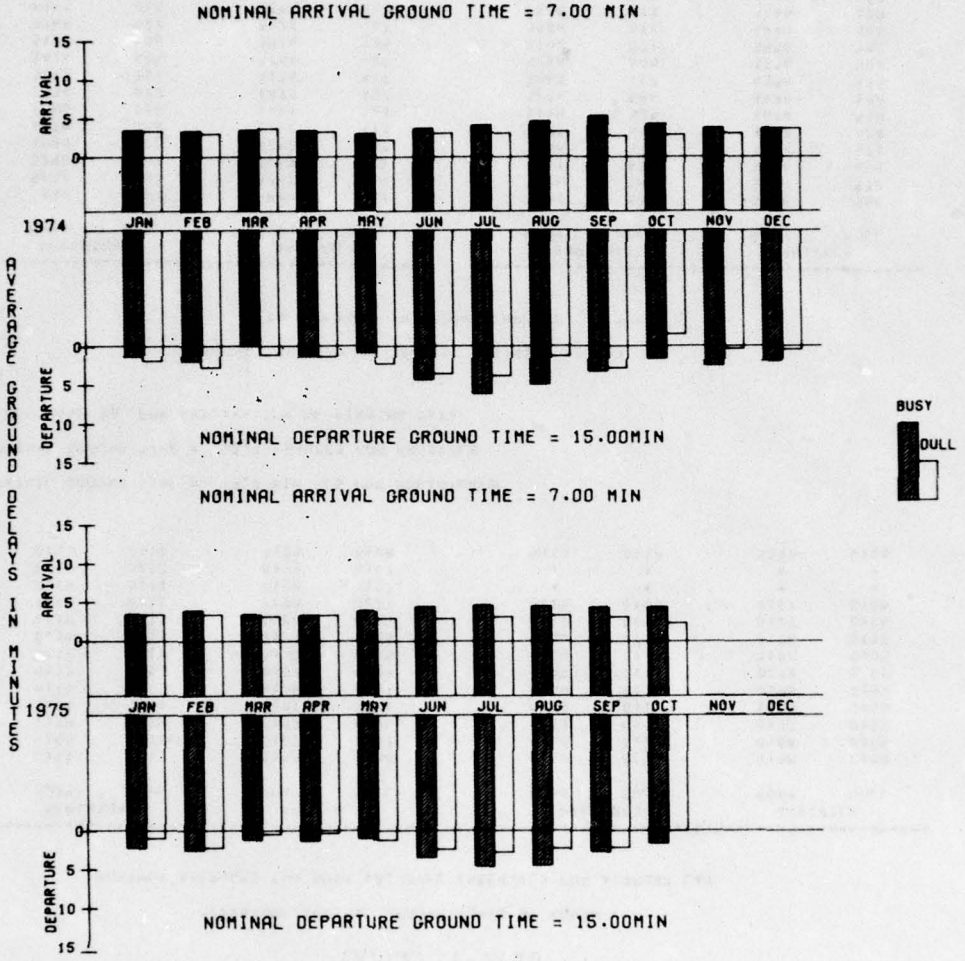


TABLE II-2-10

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT LAX

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

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	834	153	880	164	3273	531	3540	580
FEB	3092	487	3287	560	3126	590	3494	572
MAR	3296	482	3452	576	3407	613	3756	650
APR	3080	402	3292	467	3198	596	3518	621
MAY	1470	254	1670	373	3377	548	3892	608
JUN	1368	216	1491	363	3148	528	3414	514
JUL	1334	224	1470	357	3256	566	3428	532
AUG	3892	741	4136	877	3863	717	4306	676
SEP	3476	605	3707	695	3268	608	3736	500
OCT	3400	586	3716	725	3142	571	3550	502
NOV	2768	527	3022	547	3388	611	3744	485
DEC	2855	461	2995	512	2816	613	3165	409
TOTAL	30863	5138	33118	6216	39263	7093	43542	6650

FIGURE II-2-10

LAX

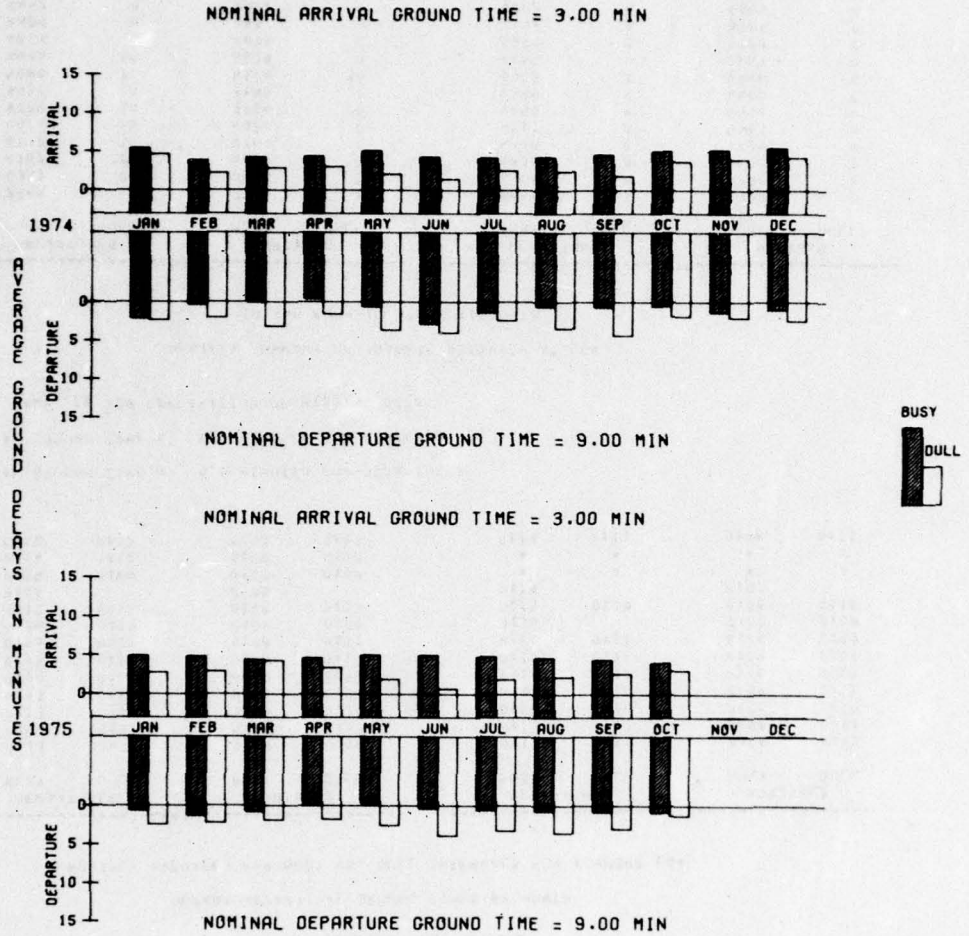


TABLE II-2-11

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT LGA

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:13	0:10	0:09	0:10	0:14	0:11	0:08	0:11
FEB	0:14	0:11	0:08	0:10	0:14	0:12	0:08	0:11
MAR	0:13	0:11	0:08	0:10	0:13	0:10	0:08	0:10
APR	0:13	0:10	0:08	0:08	0:13	0:10	0:08	0:11
MAY	0:14	0:11	0:09	0:09	0:14	0:09	0:08	0:10
JUN	0:15	0:11	0:08	0:13	0:16	0:11	0:09	0:09
JUL	0:16	0:11	0:08	0:11	0:16	0:11	0:08	0:09
AUG	0:16	0:15	0:08	0:06	0:15		0:08	0:08
SEP	0:17	0:16	0:08	0:13	0:15	0:09	0:08	0:10
OCT	0:16		0:08		0:14		0:07	
NOV	0:15	0:09	0:09	0:09	*	*	*	*
DEC	0:14	0:12	0:09	0:10	*	*	*	*
TOTAL	0:15	0:12	0:08	0:07	0:14	0:11	0:08	0:11

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	2848	0	2926	0	4660	1	4500	0
FEB	4330	28	4353	0	4308	0	4220	4
MAR	4767	31	4720	0	4800	0	4621	1
APR	4792	30	4763	0	4768	0	4529	4
MAY	4814	34	4824	0	5113	0	5053	0
JUN	3709	34	3619	0	4495	0	4554	0
JUL	3511	0	3195	0	4389	0	4400	0
AUG	5080	31	5114	30	4948	0	4946	0
SEP	4608	30	4679	8	4635	0	4647	0
OCT	4813	0	4878	0	4670	0	4707	0
NOV	4629	4	4627	0	4892	0	4944	0
DEC	4452	0	4362	0	4282	0	4305	0
TOTAL	51553	224	51260	38	55960	1	55486	9

FIGURE II-2-11
LGA

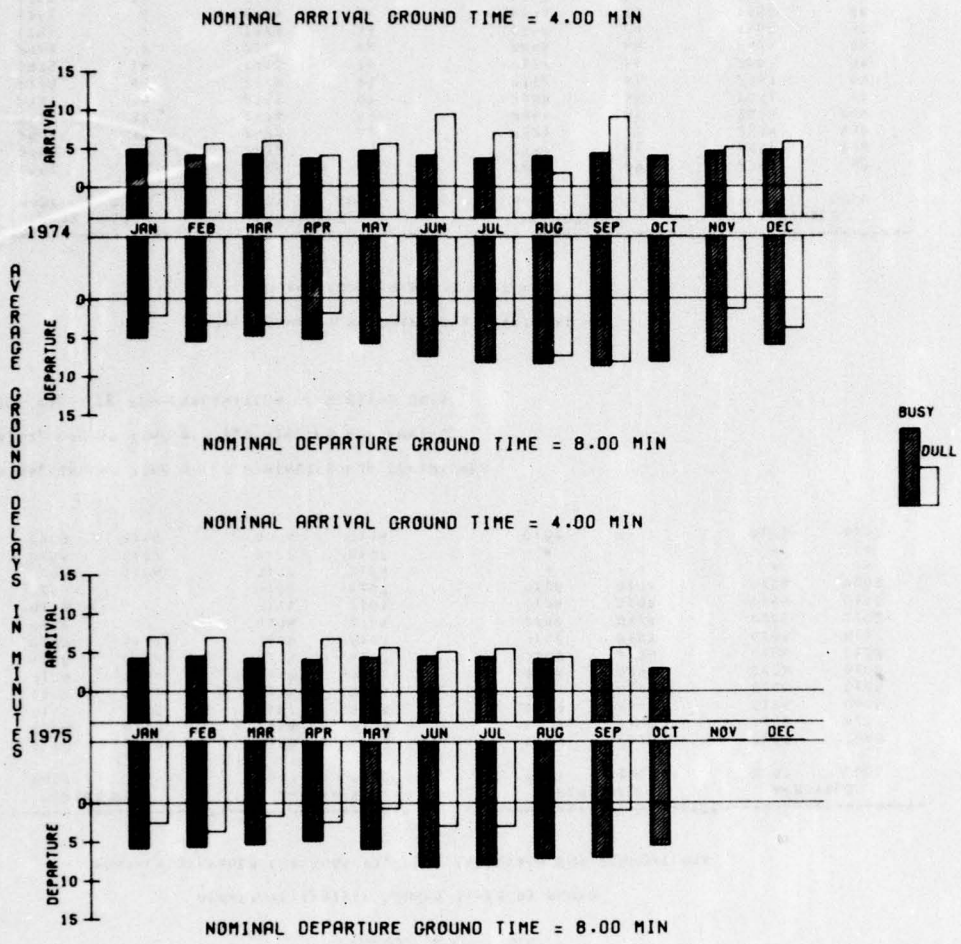


TABLE II-2-12

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT MIA

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:10	0:10	0:08	0:03	0:09	0:13	0:07	0:05
FEB	0:09	0:10	0:06	0:03	0:09	0:07	0:07	0:03
MAR	0:10	0:10	0:07	0:03	0:09	0:07	0:06	0:05
APR	0:10	0:11	0:06	0:03	0:09	0:06	0:06	0:05
MAY	0:09	0:10	0:07	0:03	0:08	0:07	0:06	0:02
JUN	0:08	0:12	0:05	0:02	0:08	0:06	0:06	0:02
JUL	0:08	0:10	0:05	0:03	0:08	0:07	0:05	0:02
AUG	0:08		0:06	0:04	0:08	0:07	0:06	0:02
SEP	0:08		0:06	0:05	0:08	0:08	0:05	0:03
OCT	0:08		0:06	0:07	0:08	0:08	0:06	0:04
NOV	0:08	0:06	0:07	0:04	*	*	*	*
DEC	0:08	0:07	0:07	0:07	*	*	*	*
TOTAL	0:09	0:10	0:06	0:04	0:08	0:07	0:06	0:03

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	1551	26	1466	37	2253	29	2267	62
FEB	2258	34	2232	55	2357	61	2386	122
MAR	2548	37	2523	62	2521	71	2638	136
APR	2416	37	2426	59	2364	65	2404	114
MAY	2381	39	2355	97	2488	65	2431	96
JUN	2224	40	2202	93	2332	61	2367	94
JUL	1975	18	1967	76	2377	66	2407	96
AUG	2068	0	2123	62	2444	66	2416	95
SEP	1756	0	1873	33	1708	29	1668	37
OCT	1785	0	1925	31	1603	30	1552	34
NOV	1795	33	1849	61	1912	32	1919	28
DEC	1656	14	1714	45	1687	16	1725	30
TOTAL	24373	278	24655	711	26046	591	26180	944

FIGURE II-2-12

MIA

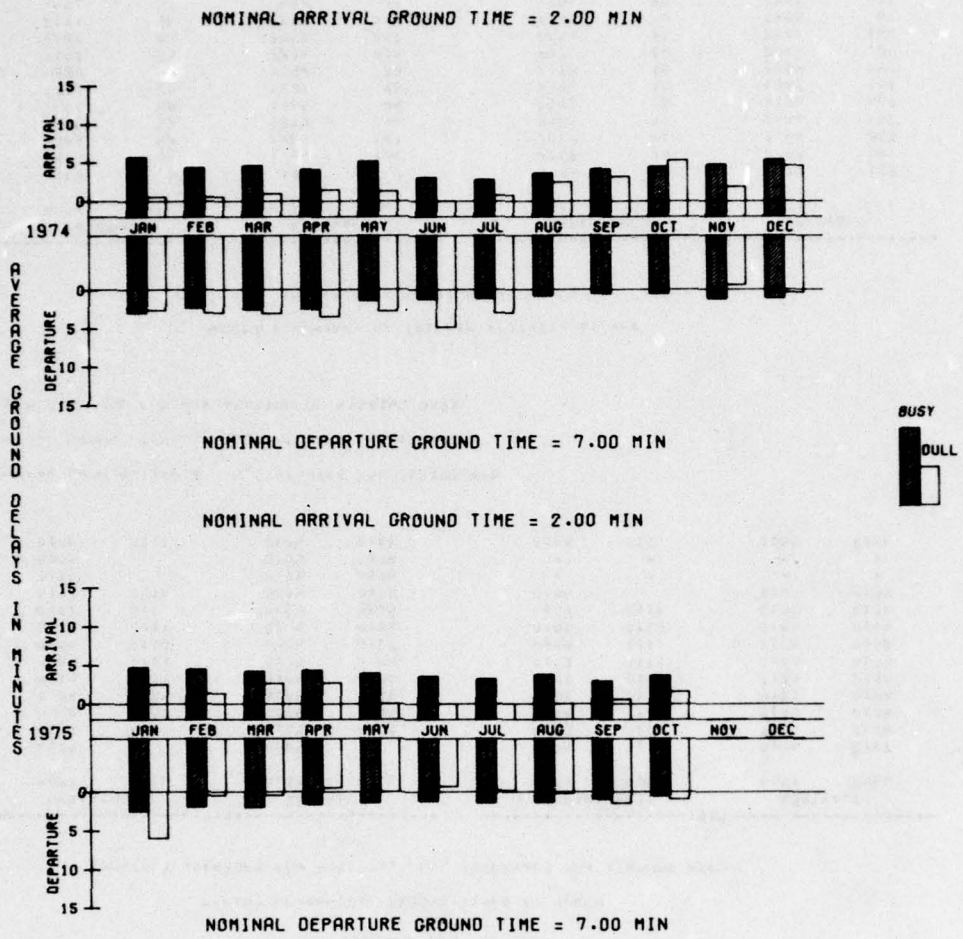


TABLE II-2-13

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT MSP

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:05		0:05		0:09	0:14	0:06	0:07
FEB	0:09	0:07	0:05	0:05	0:08	0:09	0:05	0:06
MAR	0:08	0:07	0:05	0:05	0:08	0:09	0:05	0:06
APR	0:08	0:08	0:05	0:06	0:08	0:16	0:05	0:06
MAY	0:10	0:17	0:06	0:06	0:07	0:10	0:06	0:06
JUN	0:09	0:13	0:05	0:04	0:09	0:11	0:06	0:05
JUL	0:09	0:10	0:05	0:07	0:09	0:11	0:06	0:08
AUG	0:08	0:11	0:05	0:06	0:07	0:12	0:05	0:06
SEP	0:07	0:10	0:05	0:05	0:09	0:10	0:05	0:06
OCT	0:07	0:10	0:05	0:08	0:05		0:04	0:05
NOV	0:05		0:05	0:06	*	*	*	*
DEC	0:05		0:05	0:04	*	*	*	*
TOTAL	0:08	0:10	0:05	0:06	0:08	0:11	0:05	0:06

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	180	0	174	0	1930	50	1978	159
FEB	1876	48	1764	124	2018	40	2008	141
MAR	2083	52	1980	107	2219	44	2199	203
APR	2005	52	1874	96	2048	40	2086	187
MAY	1558	52	1465	88	2172	46	2120	169
JUN	1301	20	1131	76	2042	30	1967	148
JUL	1339	20	1152	72	2071	50	2019	152
AUG	2350	43	2246	216	2076	24	2015	129
SEP	2142	44	2057	207	2034	30	2004	144
OCT	2173	54	2136	214	1035	0	1006	62
NOV	591	0	583	20	2006	29	1997	134
DEC	593	0	601	16	1852	31	1936	135
TOTAL	18191	385	17163	1232	23503	394	23335	1799

FIGURE II-2-13

MSP

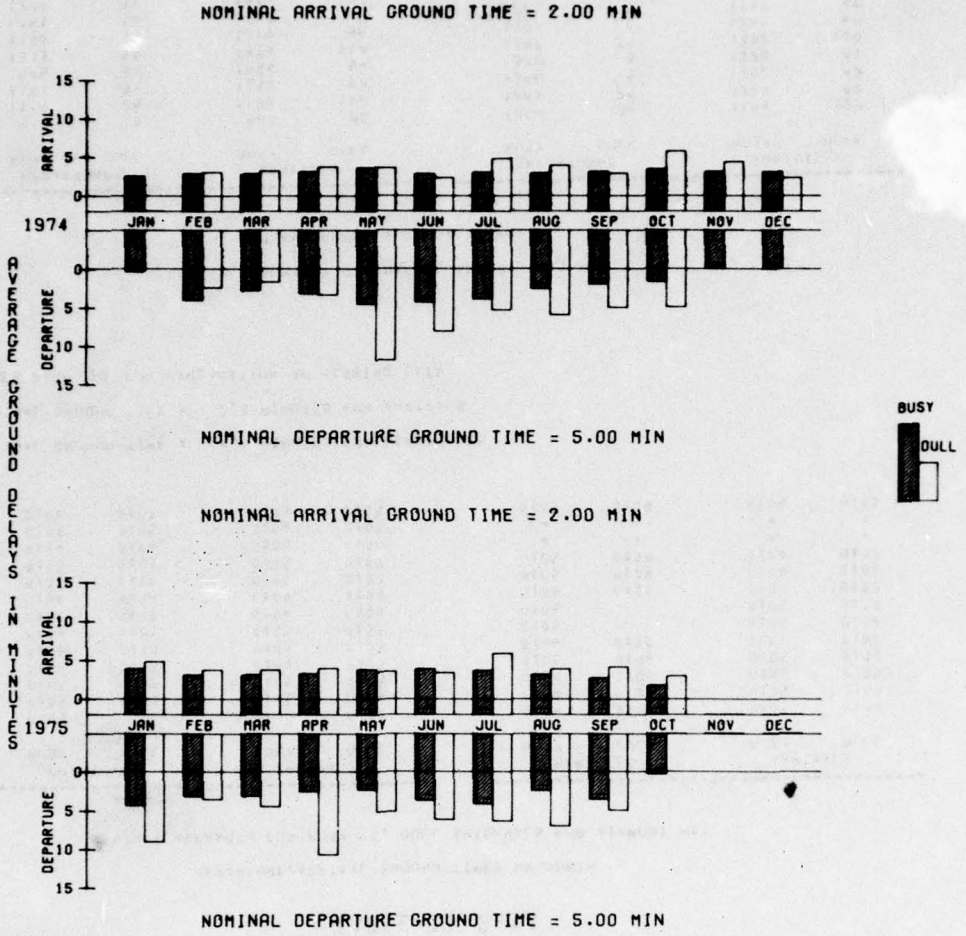


TABLE II-2-14

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT MSY

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:05		0:04	0:07	0:04	0:09	0:05	0:04
FEB	0:05	0:07	0:05	0:06	0:04	0:10	0:05	0:04
MAR	0:05	0:07	0:05	0:05	0:04	0:04	0:06	0:05
APR	0:06	0:05	0:04	0:05	0:05	0:08	0:05	0:04
MAY	0:06	0:08	0:06	0:03	0:06	0:10	0:05	0:02
JUN	0:04	0:11	0:05	0:03	0:06		0:05	0:02
JUL	0:04	0:09	0:04	0:04	0:06		0:05	0:03
AUG	0:04	0:04	0:04	0:04	0:06	0:10	0:04	0:02
SEP	0:03	0:10	0:04	0:02	0:05	0:09	0:04	0:02
OCT	0:03	0:03	0:05	0:07	0:05	0:09	0:04	0:02
NOV	0:04	0:04	0:05	0:04	*	*	*	*
DEC	0:03	0:05	0:06	0:05	*	*	*	*
TOTAL	0:04	0:07	0:05	0:05	0:05	0:09	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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	610	0	587	80	1258	26	1186	129
FEB	1119	26	1124	112	1281	25	1224	82
MAR	1103	31	1137	92	1396	5	1292	82
APR	985	30	1036	54	1328	3	1220	81
MAY	1333	59	1324	114	1357	30	1372	110
JUN	1130	30	1219	89	1304	0	1281	68
JUL	1053	14	1138	45	1221	0	1197	60
AUG	1227	31	1232	107	1355	50	1344	112
SEP	996	29	973	102	1011	38	1066	65
OCT	1039	30	1052	104	987	34	1074	59
NOV	1214	41	1218	107	1190	37	1226	99
DEC	1134	14	1116	105	991	24	1050	86
TOTAL	12943	335	13156	1111	14679	272	14532	1013

FIGURE II-2-14

MSY

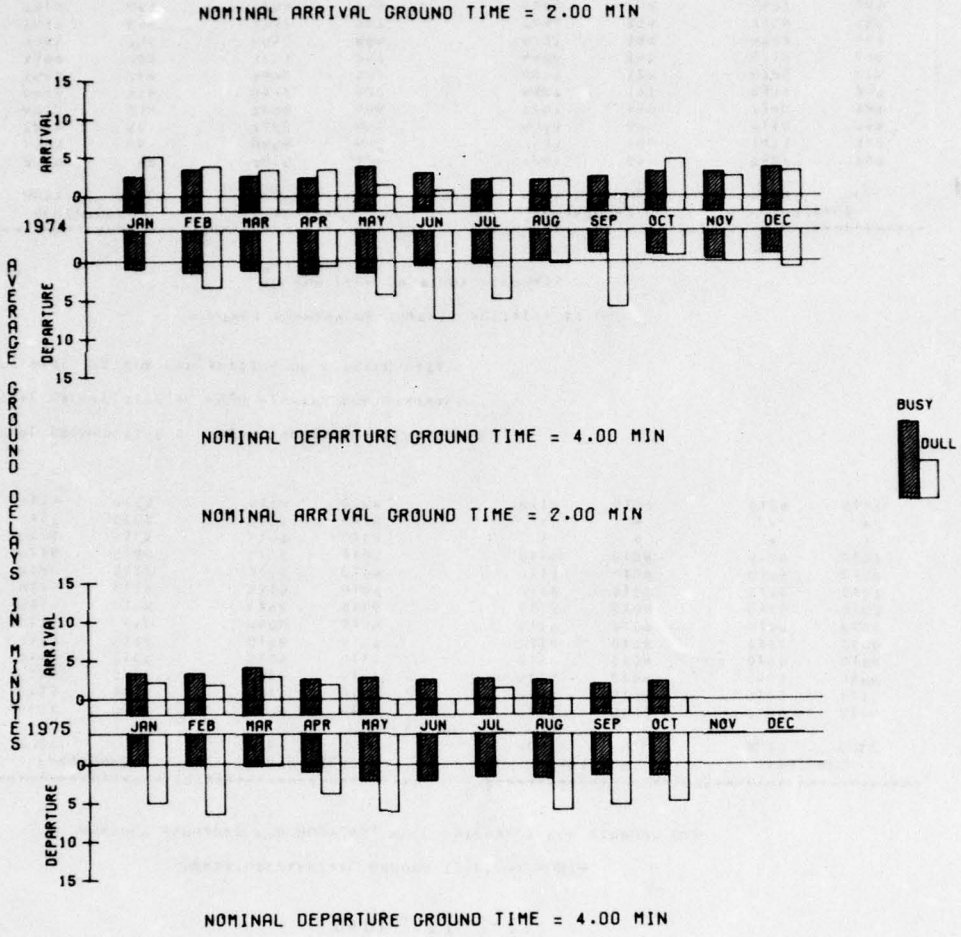


TABLE II-2-15

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT ORD

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:13	0:11	0:09	0:09	0:13	0:09	0:09	0:08
FEB	0:13	0:11	0:10	0:08	0:14	0:09	0:10	0:10
MAR	0:14	0:11	0:10	0:07	0:13	0:09	0:09	0:08
APR	0:14	0:09	0:09	0:10	0:14	0:09	0:10	0:08
MAY	0:14	0:12	0:08	0:07	0:14	0:08	0:10	0:06
JUN	0:15	0:10	0:08	0:05	0:14	0:09	0:09	0:06
JUL	0:15	0:08	0:08	0:06	0:13	0:08	0:10	0:07
AUG	0:16	0:12	0:10	0:07	0:14	0:09	0:10	0:07
SEP	0:20	0:12	0:10	0:08	0:13	0:09	0:09	0:07
OCT	0:16	0:08	0:10	0:08	0:14	0:08	0:09	0:07
NOV	0:13	0:08	0:09	0:08	*	*	*	*
DEC	0:13	0:07	0:10	0:08	*	*	*	*
TOTAL	0:15	0:10	0:10	0:08	0:14	0:09	0:09	0:07

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	2309	99	2215	126	7261	489	7607	749
FEB	6793	460	6656	683	7583	484	7473	740
MAR	7288	501	7388	691	8030	482	8116	788
APR	6912	435	7098	646	7197	457	7300	729
MAY	4402	316	4322	420	8387	397	8333	707
JUN	3584	268	3690	302	6979	377	6725	618
JUL	3399	240	3705	287	6898	387	6712	640
AUG	9004	751	8950	899	8777	399	8782	649
SEP	7637	638	7737	757	7490	350	7459	558
OCT	7514	683	7706	796	6660	248	6527	485
NOV	7104	347	7177	655	8056	433	7982	588
DEC	6428	349	6813	622	6602	356	6459	487
TOTAL	72374	5087	73455	6884	89679	4860	89434	7739

FIGURE II-2-15

ORD

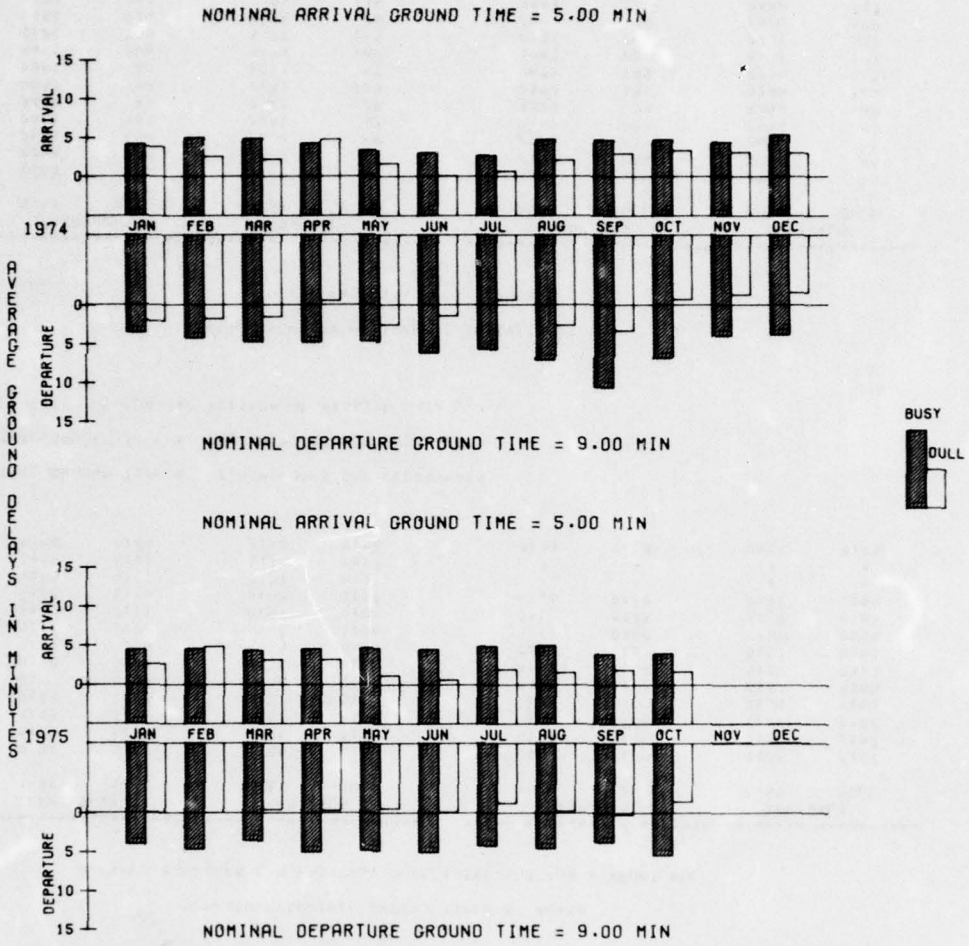


TABLE II-2-16

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT PHL

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

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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	1180	37	1142	65	3037	185	2986	99
FEB	2703	139	2715	83	2754	254	2888	98
MAR	2603	164	2604	69	2523	238	2680	91
APR	2401	103	2441	62	2367	202	2573	87
MAY	2319	88	2381	128	3074	273	3194	149
JUN	2057	80	2101	123	2704	194	2748	144
JUL	1997	82	2017	97	2670	193	2758	148
AUG	3451	246	3494	140	3089	284	3121	127
SEP	3125	194	3027	163	2730	202	2701	101
OCT	3190	205	2998	174	2941	174	2990	102
NOV	2891	200	2895	135	2883	170	2888	117
DEC	2928	181	2786	128	2935	108	2375	74
TOTAL	30845	1715	30601	1407	32707	2477	33312	1337

FIGURE II-2-16

PHL

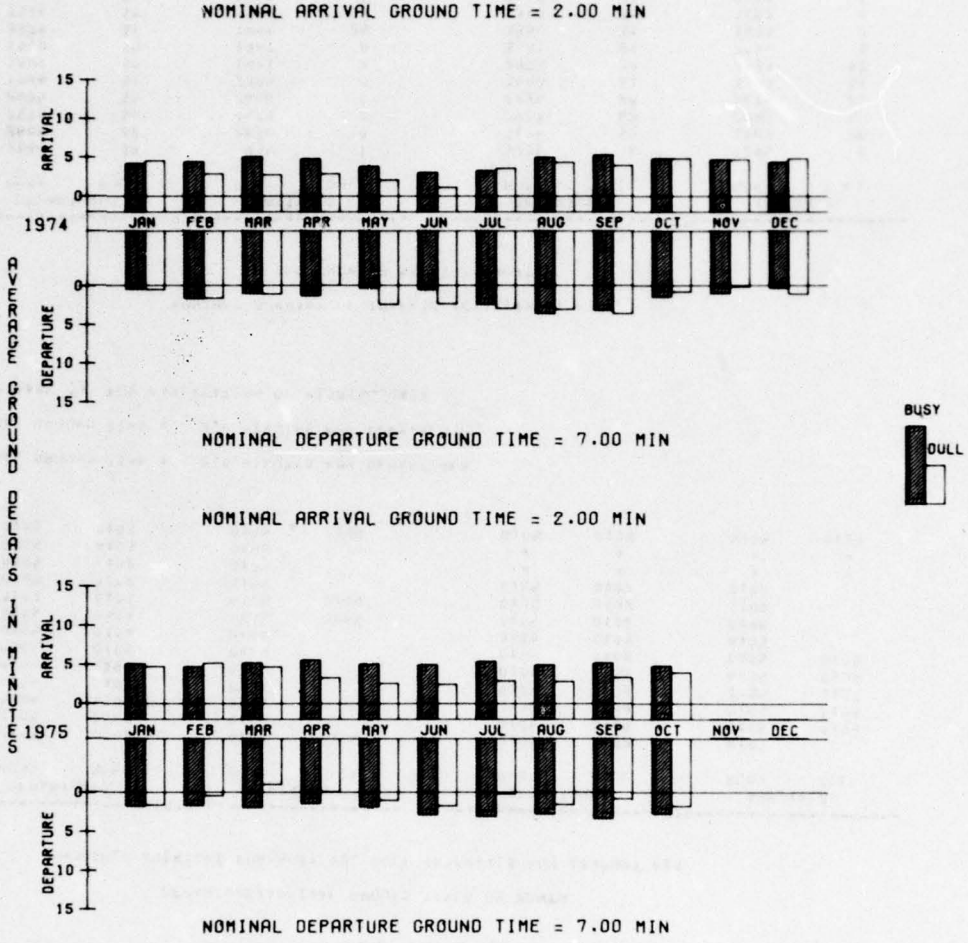


TABLE II-2-17

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT PIT

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:03	0:02	0:04	0:02	0:05	0:02	0:05	
FEB	0:05	0:02	0:05		0:05	0:05	0:05	0:02
MAR	0:05	0:03	0:05		0:06	0:04	0:05	0:05
APR	0:05	0:05	0:05		0:05	0:03	0:05	0:03
MAY	0:04	0:05	0:04		0:04	0:04	0:05	0:04
JUN	0:05	0:05	0:04		0:05	0:03	0:05	0:05
JUL	0:05	0:04	0:04		0:06	0:03	0:05	
AUG	0:06	0:03	0:05	0:05	0:05	0:04	0:05	
SEP	0:07	0:03	0:05	0:04	0:05	0:02	0:04	
OCT	0:05	0:02	0:05		0:05	0:02	0:04	
NOV	0:05	0:02	0:05		*	*	*	*
DEC	0:05	0:03	0:06		*	*	*	*
TOTAL	0:05	0:03	0:05	0:04	0:05	0:04	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		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	1184	32	935	1	3235	6	3295	0
FEB	2808	27	2870	0	3124	55	3063	26
MAR	2530	31	2573	0	2927	62	2880	31
APR	2625	30	2706	0	2738	28	2675	28
MAY	1986	31	2005	0	3502	61	3393	31
JUN	1827	30	1901	0	2973	30	2833	12
JUL	1860	30	1947	0	3041	29	2968	0
AUG	3878	31	3944	26	3560	31	3833	0
SEP	3586	30	3554	6	3347	30	3187	0
OCT	3664	31	3660	0	3112	31	2979	0
NOV	3240	27	3307	0	3293	27	3295	0
DEC	3181	28	3240	0	2858	25	2899	0
TOTAL	32049	358	32342	33	37710	415	36780	128

FIGURE II-2-17

PIT

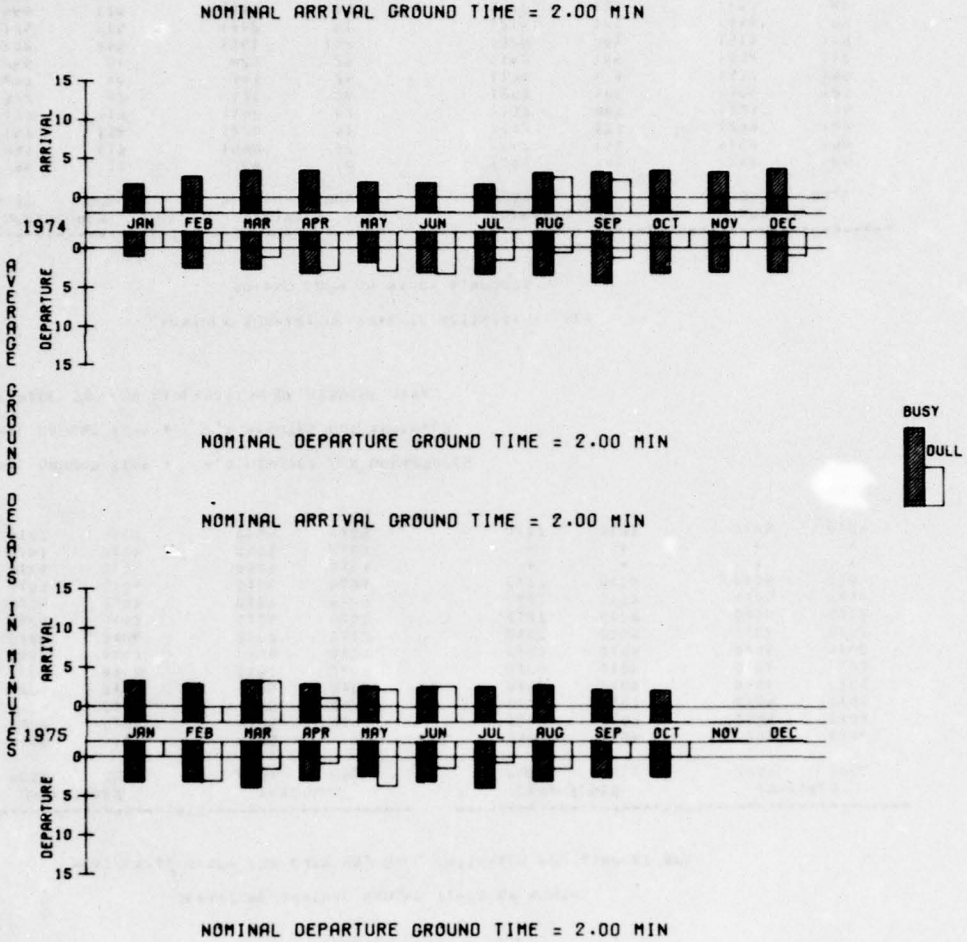


TABLE II-2-18

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT SEA

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	0:05	0:07	0:08		0:07	0:08	0:06	0:04
FEB	0:07	0:07	0:05	0:03	0:07	0:07	0:05	0:04
MAR	0:06	0:07	0:05	0:04	0:07	0:07	0:05	0:04
APR	0:06	0:05	0:05	0:04	0:06	0:07	0:06	0:04
MAY	0:08	0:08	0:07	0:07	0:06	0:08	0:06	0:03
JUN	0:10	0:07	0:06	0:10	0:07	0:08	0:05	0:02
JUL	0:09	0:06	0:07	0:12	0:07	0:07	0:06	0:03
AUG	0:08	0:07	0:06	0:04	0:07	0:07	0:05	0:03
SEP	0:06	0:07	0:05	0:04	0:07	0:07	0:05	0:06
OCT	0:07	0:06	0:06	0:06	0:07	0:06	0:05	0:05
NOV	0:06	0:06	0:05	0:03	*	*	*	*
DEC	0:07	0:07	0:05	0:03	*	*	*	*
TOTAL	0:07	0:07	0:05	0:05	0:07	0:07	0:05	0:04

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 SEA

TO AND FROM 19 STUDY AIRPORTS

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	99	31	69	0	1195	181	1288	86
FEB	1041	117	1099	77	1067	155	1190	106
MAR	1157	136	1220	91	1172	173	1299	120
APR	1109	118	1164	87	1132	165	1283	116
MAY	312	62	431	26	1253	188	1394	121
JUN	247	60	393	26	1178	178	1332	115
JUL	256	61	423	23	1184	185	1332	118
AUG	1408	205	1561	102	1320	201	1511	119
SEP	1175	175	1412	91	1211	181	1334	95
OCT	1166	178	1389	99	1122	154	1180	81
NOV	742	130	889	35	1188	196	1323	89
DEC	742	139	877	33	871	162	953	59
TOTAL	9454	1412	10927	690	13893	2115	15379	1225

FIGURE II-2-18

SEA

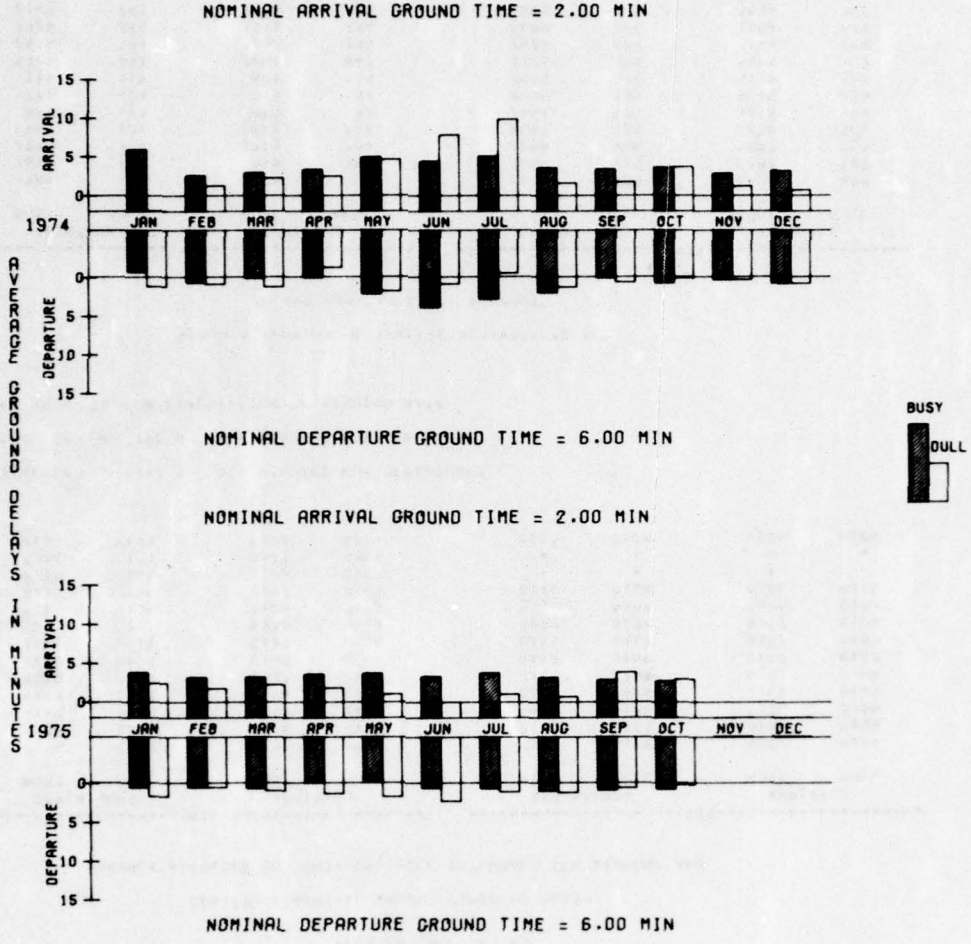


TABLE II-2-19

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT SFO

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

TO AND FROM 19 STUDY AIRPORTS

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	366	53	308	7	2809	373	2876	298
FEB	2619	337	2849	299	2600	415	2787	327
MAR	2707	387	3013	284	2799	465	3007	310
APR	2550	326	2867	284	2593	418	2874	306
MAY	803	117	983	92	2951	375	3278	299
JUN	772	118	913	102	2599	335	3045	283
JUL	738	117	831	104	2609	346	3118	302
AUG	3361	447	3662	467	3325	469	3665	402
SEP	2976	398	3142	335	2824	404	3091	294
OCT	2928	386	3111	334	2889	406	3002	274
NOV	2165	294	2406	265	2811	356	3134	352
DEC	2142	269	2351	276	2249	291	2469	266
TOTAL	24127	3209	26476	2810	32858	4653	36347	3713

FIGURE II-2-19

SFO

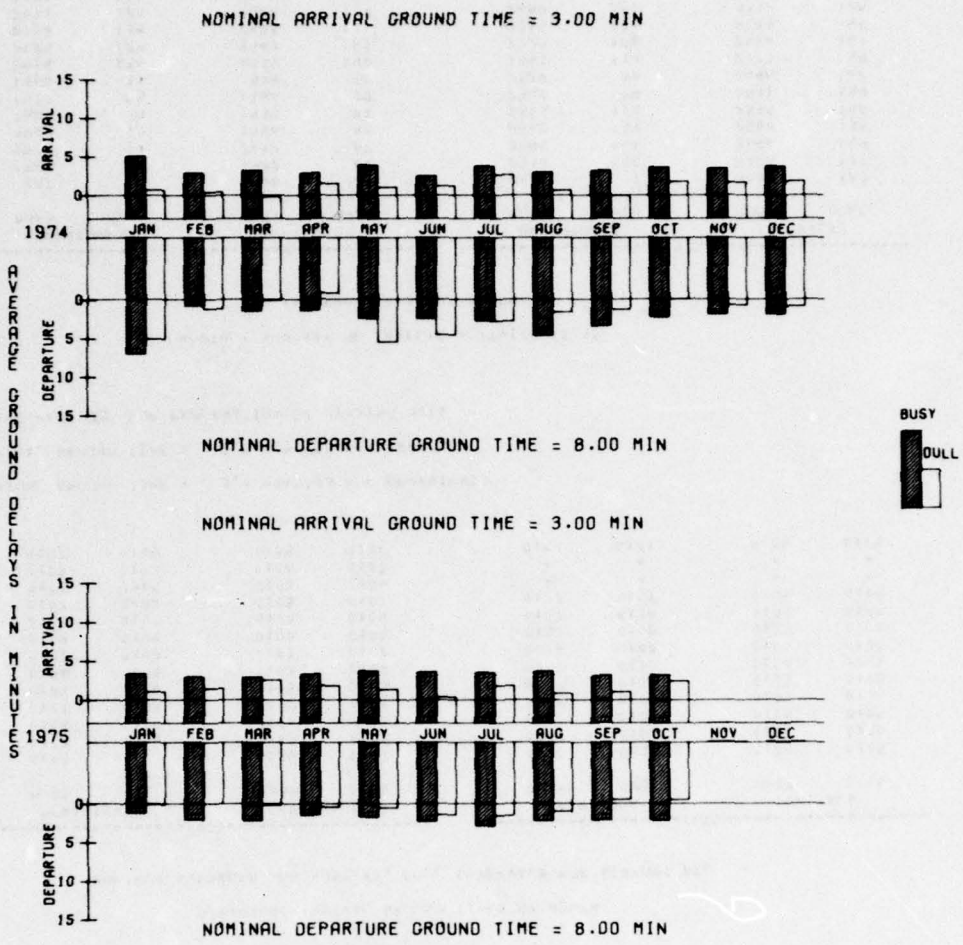


TABLE II-2-20

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT STL

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

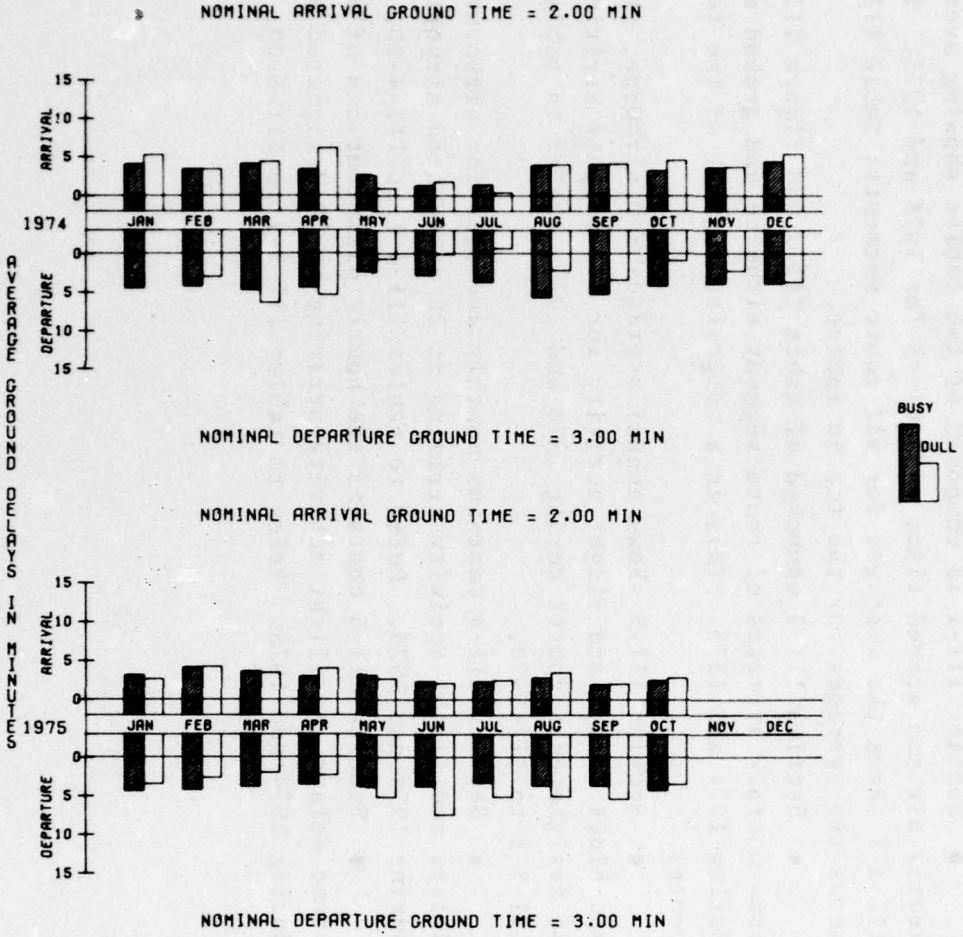
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT STL

TO AND FROM 19 STUDY AIRPORTS

	1974				1975			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	BUSY	DULL	BUSY	DULL	BUSY	DULL	BUSY	DULL
JAN	847	0	846	49	2628	77	2580	160
FEB	1868	48	1922	84	2534	150	2476	170
MAR	1978	17	2042	87	2799	168	2696	169
APR	1942	19	1996	85	2662	139	2508	136
MAY	1646	79	1535	81	2843	114	2835	150
JUN	1479	55	1364	79	2347	79	2531	149
JUL	1464	51	1344	58	2329	88	2498	162
AUG	2914	136	2831	190	2953	114	2973	158
SEP	2675	129	2540	161	2720	106	2588	149
OCT	2764	138	2593	146	2715	108	2583	155
NOV	2471	120	2406	139	2689	104	2732	148
DEC	2389	100	2285	139	2661	80	2740	155
TOTAL	28417	872	23744	1298	31880	1323	31740	1861

FIGURE II-2-20

STL



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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
ATL	BOS	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	DCA	4028	1:14	0:06	0:17	0:06	4439	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	DTW	1557	1:20	0:02	0:19	0:08	1121	1:19	0:01	0:19	0:08
ATL	FWA	2499	1:37	0:10	0:18	0:06	2411	1:35	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	3763	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	2060	2:04	0:05	0:15	0:05
ATL	MSY	3657	1:03	0:06	0:15	0:05	4043	1:04	0:07	0:16	0:06
ATL	ORD	4424	1:35	0:19	0:18	0:05	4888	1:30	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	PIT	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	3187	1:14	0:05	0:14	0:04

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
BOS	ATL	1718	2:17	0:11	0:17	0:04	1790	2:19	0:12	0:17	0:04
BOS	CLE	843	1:29	0:09	0:14	0:02	1287	1:28	0:09	0:15	0:03
BOS	DCA	6590	1:04	0:04	0:15	0:03	6321	1:03	0:04	0:15	0:03
BOS	DEN	556	4:00	0:03	0:16	0:05	1040	3:58	0:02	0:17	0:06
BOS	DFW	392	3:31	-0:04	0:16	0:04	436	3:34	-0:01	0:18	0:06
BOS	DTW	1601	1:35	0:06	0:16	0:04	1427	1:36	0:07	0:15	0:03
BOS	EWR	3080	0:46	0:06	0:17	0:04	3096	0:46	0:06	0:16	0:03
BOS	JFK	2893	0:41	0:12	0:18	0:02	3137	0:40	0:12	0:19	0:03
BOS	LAX	588	5:27	-0:09	0:20	0:08	656	5:25	-0:11	0:20	0:08
BOS	LGA	11537	0:42	0:10	0:16	0:03	11418	0:41	0:09	0:16	0:03
BOS	MIA	1547	2:42	0:10	0:17	0:06	1819	2:42	0:10	0:16	0:05
BOS	MSP	484	2:37	-0:03	0:15	0:04	649	2:37	-0:03	0:16	0:05
BOS	MSY	245	2:59	-0:00	0:16	0:05	354	3:04	0:04	0:16	0:05
BOS	ORD	4105	2:17	0:30	0:21	0:07	4627	2:12	0:25	0:20	0:06
BOS	PHL	6921	0:57	0:15	0:14	0:03	6159	0:55	0:13	0:15	0:04
BOS	PIT	1753	1:20	0:05	0:13	0:02	2104	1:17	0:02	0:13	0:02
BOS	SFA	39	5:22	-0:25	0:14	0:03					
BOS	SFO	465	5:37	-0:10	0:22	0:10	690	5:35	-0:13	0:20	0:08
BOS	STL	454	2:31	0:07	0:17	0:06	1013	2:29	0:05	0:17	0:05

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
CLE	ATL	1166	1:24	0:05	0:14	0:03	1626	1:27	0:08	0:13	0:02
CLE	BOS	1196	1:15	0:11	0:13	0:04	1329	1:16	0:12	0:14	0:05
CLE	DCA	1954	0:51	0:04	0:12	0:02	2299	0:51	0:03	0:12	0:02
CLE	DEN	427	2:45	0:03	0:14	0:05	636	2:44	0:01	0:14	0:05
CLE	DFW	698	2:20	0:05	0:14	0:04	383	2:16	0:01	0:13	0:03
CLE	DTW	2938	0:25	0:04	0:10	-0:00	3806	0:26	0:05	0:09	-0:01
CLE	EWR	995	1:00	0:03	0:14	0:03	1400	1:00	0:03	0:14	0:03
CLE	JFK	654	1:13	0:13	0:17	0:03	1017	1:14	0:14	0:16	0:02
CLE	LAX	1298	4:27	0:01	0:15	0:05	1184	4:28	0:02	0:14	0:04
CLE	LGA	2644	1:06	0:17	0:12	0:01	3458	1:04	0:15	0:12	0:01
CLE	MIA	823	2:17	-0:03	0:14	0:05	1070	2:19	-0:00	0:14	0:05
CLE	MSP	445	1:31	0:01	0:13	0:04	894	1:31	0:01	0:13	0:04
CLE	MSY						35	2:11	-0:06	0:14	0:05
CLE	ORD	2823	1:04	0:13	0:17	0:05	3504	1:01	0:11	0:18	0:06
CLE	PHL	1530	0:56	0:07	0:16	0:07	1765	0:56	0:07	0:16	0:07
CLE	PIT	2522	0:26	0:10	0:13	0:04	2662	0:25	0:10	0:12	0:03
CLE	SFO	235	4:39	-0:06	0:16	0:06	341	4:40	-0:05	0:14	0:04
CLE	STL	1366	1:14	0:08	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	1970 FLIGHTS	1970 AVG AIR TME	1970 AVG AIR DEL	1970 AVG GND TME	1970 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
DCA	ATL	4905	1:25	0:06	0:13	0:00	5342	1:26	0:07	0:15	0:02
DCA	BOS	6425	0:59	0:06	0:14	0:03	6410	0:59	0:06	0:14	0:05
DCA	CLE	1721	0:54	0:05	0:15	0:03	2402	0:55	0:05	0:15	0:03
DCA	DTW	2096	1:06	0:01	0:14	0:02	2436	1:07	0:02	0:15	0:05
DCA	FWA	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	LGA	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	8084	1:41	0:19	0:18	0:04
DCA	PHL	1889	0:31	0:05	0:12	0:01	1053	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	0:06
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	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 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	0:13	0:07
DEN	DFW	4590	1:26	0:03	0:12	0:06	5368	1:26	0:03	0:13	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
DEN	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	3:05	0:06	0:18	0:13
DEN	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
DFW	ATL	3849	1:37	0:10	0:13	0:03	4506	1:36	0:09	0:14	0:04
DFW	HOS	332	2:59	-0:06	0:19	0:11	342	3:03	-0:02	0:18	0:10
DFW	CLE	711	2:03	-0:01	0:18	0:09	599	2:03	-0:00	0:15	0:06
DFW	DEN	4636	1:34	0:03	0:13	0:05	5369	1:35	0:04	0:12	0:04
DFW	DTW	808	2:03	0:06	0:16	0:07	1030	2:02	0:05	0:15	0:06
DFW	FWA	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
DTW	ATL	1223	1:27	0:08	0:14	0:02	1350	1:27	0:08	0:15	0:03
DTW	BOS	1825	1:20	0:03	0:15	0:05	1566	1:20	0:03	0:13	0:03
DTW	CLE	2689	0:25	0:02	0:09	-0:02	3591	0:25	0:02	0:09	-0:02
DTW	DCA	1985	1:03	0:03	0:13	0:02	2374	1:02	0:03	0:13	0:02
DTW	DEN	516	2:34	0:02	0:16	0:06	721	2:33	0:01	0:14	0:04
DTW	DFW	1188	2:18	0:21	0:14	0:03	813	2:21	0:24	0:13	0:02
DTW	FNR	1344	1:07	0:05	0:14	0:02	1517	1:08	0:05	0:14	0:02
DTW	JFK	1072	1:15	0:12	0:17	0:02	1210	1:17	0:14	0:18	0:03
DTW	LAX	1205	4:12	0:04	0:16	0:05	1501	4:14	0:06	0:14	0:03
DTW	LGA	3152	1:11	0:07	0:14	0:02	3013	1:12	0:08	0:14	0:02
DTW	MIA	1159	2:20	0:02	0:14	0:04	1229	2:21	0:03	0:12	0:02
DTW	MSP	604	1:18	0:03	0:14	0:04	925	1:19	0:03	0:14	0:04
DTW	MSY	58	2:03	0:08	0:13	0:03	9	2:10	0:15	0:13	0:03
DTW	ORD	5108	0:49	0:11	0:17	0:04	6251	0:48	0:09	0:17	0:04
DTW	PHL	1412	1:06	0:05	0:16	0:06	2076	1:07	0:05	0:15	0:05
DTW	PIT	2285	0:37	0:04	0:13	0:03	2601	0:36	0:03	0:12	0:02
DTW	SFO	1184	4:28	-0:00	0:15	0:04	1289	4:28	-0:01	0:13	0:02
DTW	STL	830	1:10	0:01	0:13	0:03	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
EWR	ATL	2376	1:59	0:17	0:17	0:04	2510	1:51	0:17	0:16	0:03
EWR	BOS	2286	0:37	0:13	0:17	0:06	3297	0:38	0:14	0:15	0:04
EWR	CLE	1206	1:06	0:00	0:17	0:05	1553	1:06	-0:00	0:17	0:05
EWR	DCA	2520	0:41	0:07	0:14	0:02	2741	0:40	0:06	0:13	0:01
EWR	DEN	475	3:42	0:12	0:17	0:06	713	3:40	0:10	0:16	0:05
EWR	DFW	1621	3:09	0:02	0:15	0:03	2267	3:11	0:04	0:15	0:03
EWR	DTW	1362	1:19	0:04	0:15	0:03	1574	1:20	0:05	0:15	0:03
EWR	JFK	8	0:21	0:14	0:15	-0:01	28	0:23	0:15	0:17	0:01
EWR	LAX	953	5:24	0:18	0:17	0:05	1289	5:22	0:16	0:17	0:05
EWR	MIA	1957	2:22	0:06	0:16	0:05	2051	2:24	0:08	0:15	0:04
EWR	MSY	326	2:28	-0:06	0:16	0:05	250	2:32	-0:01	0:14	0:03
EWR	ORD	3281	2:00	0:28	0:20	0:06	3665	1:56	0:24	0:20	0:06
EWR	PHL	1701	0:27	0:06	0:15	0:04	1561	0:28	0:07	0:16	0:05
EWR	PIT	2700	0:58	0:08	0:14	0:03	2835	0:56	0:07	0:13	0:02
EWR	SFO	400	5:35	-0:05	0:16	0:04	511	5:34	-0:06	0:17	0:05
EWR	STL	565	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

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
JFK	ATL	2634	1:50	0:17	0:22	0:03	3011	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	DEN	1048	3:43	0:07	0:25	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	DTW	1241	1:23	0:04	0:25	0:07	1142	1:25	0:05	0:25	0:07
JFK	FWR						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	4218	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	1418	2:36	0:08	0:22	0:05
JFK	ORD	2455	1:58	0:14	0:25	0:05	3578	1:56	0:12	0:25	0:05
JFK	PHL	1511	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	0:25	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	228	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
LAX	ATL	2594	3:40	0:03	0:16	0:03	2328	3:38	0:01	0:18	0:05
LAX	BOS	587	4:41	0:06	0:19	0:08	655	4:43	0:08	0:18	0:07
LAX	CLE	1462	3:50	-0:03	0:17	0:05	1012	3:51	-0:03	0:17	0:05
LAX	DEN	3246	1:44	0:04	0:16	0:05	3524	1:44	0:04	0:17	0:06
LAX	DFW	4428	2:24	0:01	0:17	0:05	5161	2:25	0:02	0:16	0:04
LAX	DTW	1052	3:41	-0:01	0:18	0:06	1242	3:41	-0:01	0:17	0:05
LAX	FWR	766	4:36	0:26	0:17	0:04	997	4:37	0:27	0:17	0:04
LAX	JFK	3655	4:39	0:06	0:21	0:05	4006	4:41	0:08	0:21	0:05
LAX	MIA	411	4:12	-0:07	0:18	0:07	510	4:14	-0:05	0:18	0:07
LAX	MSP	1286	2:57	-0:04	0:16	0:05	2370	2:57	-0:04	0:16	0:05
LAX	MSY	468	3:08	0:02	0:19	0:08	443	3:08	0:02	0:15	0:04
LAX	ORD	7166	3:25	0:12	0:19	0:05	8114	3:23	0:09	0:19	0:05
LAX	PHL	1242	4:27	-0:00	0:18	0:07	1593	4:28	0:01	0:19	0:08
LAX	PIT	210	3:53	-0:10	0:18	0:07	362	3:54	-0:09	0:16	0:05
LAX	SEA	1977	2:05	0:07	0:13	0:02	3129	2:05	0:08	0:13	0:02
LAX	SFO	10339	0:52	0:06	0:14	0:02	14538	0:52	0:06	0:14	0:02
LAX	STL	1590	3:03	0:04	0:17	0:06	2855	3:04	0:05	0:16	0:05

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
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	3951	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
MIA	ATL	4173	1:30	0:12	0:15	0:04	5121	1:30	0:12	0:16	0:05
MIA	BOS	1569	2:34	0:05	0:15	0:06	1599	2:34	0:06	0:16	0:07
MIA	CLE	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	DEN	1925	2:34	0:00	0:14	0:04	1990	2:36	0:02	0:14	0:04
MIA	DTT	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	MSY	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
MIA	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
MIA	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 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	CLE	447	1:20	0:02	0:13	0:05	763	1:20	0:02	0:14	0:06
MSP	DCA	1410	1:55	0:03	0:14	0:06	1472	1:55	0:03	0:16	0:08
MSP	DEN	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	DTW	544	1:12	-0:00	0:16	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	MIA						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	2:05	0:03	0:16	0:09	624	2:02	0:02	0:18	0:11
MSP	SEA	828	3:04	-0:00	0:16	0:09	1271	3:05	0:01	0:15	0:08
MSP	SFO	968	3:25	-0:03	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	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
MSY	ATL	3150	1:06	0:12	0:11	0:03	3572	1:05	0:11	0:14	0:06
MSY	BOS	180	2:39	-0:01	0:13	0:07	358	2:40	0:01	0:13	0:07
MSY	CLE						44	1:55	-0:08	0:12	0:05
MSY	DEN	300	2:20	-0:02	0:11	0:05	285	2:21	-0:00	0:11	0:05
MSY	DFW	3452	1:08	0:08	0:10	0:03	3864	1:08	0:07	0:11	0:04
MSY	DTW	59	1:58	-0:02	0:08	0:01	9	1:57	-0:03	0:08	0:01
MSY	EWR	354	2:21	0:12	0:10	0:02	250	2:18	0:09	0:11	0:03
MSY	JFK	1019	2:26	0:10	0:11	-0:00	865	2:25	0:10	0:14	0:03
MSY	LAX	705	3:34	0:03	0:14	0:07	881	3:34	0:03	0:15	0:08
MSY	LGA	717	2:22	0:09	0:13	0:05	827	2:21	0:08	0:12	0:04
MSY	MIA	1689	1:27	0:04	0:11	0:05	1827	1:26	0:04	0:11	0:05
MSY	ORD	911	2:04	0:18	0:10	0:01	1037	1:55	0:09	0:12	0:03
MSY	PHL	685	2:14	-0:05	0:11	0:05	722	2:14	-0:05	0:11	0:05
MSY	PIT	475	1:54	0:04	0:14	0:08	685	1:52	0:02	0:13	0:07
MSY	SFO	193	4:06	0:10	0:13	0:06	232	4:00	0:04	0:14	0:07
MSY	STL	637	1:24	0:02	0:09	0:03	623	1:24	0:03	0:09	0:03

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
ORD	ATL	4851	1:25	0:18	0:20	0:07	5056	1:27	0:20	0:19	0:06
ORD	HOU	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	DEN	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	FWA	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	6573	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	MIA	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

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
PHL	ATL	3994	1:43	0:29	0:14	0:03	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
PHL	CLE	1557	1:01	0:04	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
PHL	DEN	321	3:33	0:00	0:16	0:07	380	3:31	-0:02	0:17	0:08
PHL	DFW	1128	2:57	0:15	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
PHL	EWR	1145	0:24	0:06	0:15	0:04	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
PHL	LAX	1376	5:10	0:04	0:18	0:08	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
PHL	MIA	2111	2:13	0:07	0:14	0:05	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
PHL	MSY	629	2:26	0:01	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
PHL	PIT	5877	0:49	0:05	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
PHL	STL	764	1:58	0:03	0:17	0:08	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
PIT	ATL	1961	1:21	0:12	0:13	0:07	2466	1:23	0:14	0:13	0:07
PIT	BOS	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	DEN	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	EWR	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	0:13	361	4:28	-0:08	0:16	0:11
PIT	LGA	3723	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	SEA	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
SEA	BOS	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	[illegible]	775	3:11	-0:07	0:12	0:03	716	3:10	-0:08	0:12	0:05
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	1970 FLIGHTS	1970 AVG AIR TME	1970 AVG AIR DEL	1970 AVG GND TME	1970 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
SFO	ATL	636	3:56	-0:03	0:17	0:05	720	3:56	-0:04	0:22	0:10
SFO	BOS	460	4:48	-0:11	0:22	0:12	693	4:48	-0:10	0:20	0:10
SFO	CLE	234	3:58	-0:13	0:18	0:07	353	4:02	-0:09	0:18	0:07
SFO	DEN	1941	1:55	0:06	0:17	0:07	2977	1:56	0:07	0:16	0:06
SFO	DFW	2827	2:49	0:06	0:16	0:05	3225	2:48	0:05	0:16	0:05
SFO	DTW	1598	3:52	0:00	0:17	0:06	1645	3:52	0:01	0:17	0:06
SFO	FAR	258	4:44	-0:01	0:20	0:08	349	4:44	-0:01	0:20	0:08
SFO	JFK	2380	4:51	0:21	0:22	0:07	3273	4:52	0:22	0:23	0:08
SFO	LAX	9367	0:52	0:06	0:16	0:05	13671	0:52	0:05	0:15	0:04
SFO	MIA	217	4:41	-0:15	0:30	0:20	271	4:41	-0:15	0:18	0:08
SFO	MSP	1636	3:01	0:05	0:14	0:04	1736	3:02	0:06	0:15	0:05
SFO	MSY	180	3:32	-0:07	0:15	0:05	99	3:25	-0:14	0:16	0:06
SFO	ORD	4491	3:36	0:11	0:21	0:08	5607	3:32	0:08	0:21	0:08
SFO	PHL	582	4:39	-0:03	0:20	0:10	819	4:40	-0:02	0:20	0:10
SFO	PIT	143	4:16	-0:06	0:20	0:10	156	4:13	-0:08	0:18	0:08
SFO	SEA	3121	1:31	0:07	0:14	0:04	5253	1:31	0:07	0:13	0:03
SFO	STL	705	3:14	-0:01	0:17	0:07	903	3:16	0:01	0:16	0:06

TABLE III-1-1 (CONTINUED)

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

ALL ROUTE SEGMENTS

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
STL	ATL	2374	1:09	0:05	0:13	0:06	2834	1:09	0:06	0:14	0:07
STL	BOS	457	2:04	0:07	0:16	0:11	842	2:05	0:08	0:15	0:10
STL	CLE	1299	1:05	0:08	0:14	0:08	1924	1:06	0:09	0:13	0:07
STL	DCA	1347	1:30	0:02	0:14	0:08	2296	1:29	0:01	0:13	0:07
STL	DEN	2090	1:52	0:04	0:21	0:16	2119	1:51	0:04	0:19	0:14
STL	DFW	2157	1:19	0:04	0:13	0:07	2865	1:21	0:06	0:13	0:07
STL	DTW	909	1:02	0:07	0:15	0:09	1282	1:01	0:06	0:14	0:08
STL	EWR	368	1:50	0:05	0:16	0:09	644	1:48	0:03	0:15	0:08
STL	JFK	47	1:54	0:05	0:17	0:07	83	1:51	0:02	0:16	0:06
STL	LAX	1730	3:27	0:06	0:17	0:11	3094	3:28	0:08	0:15	0:09
STL	LGA	1854	1:54	0:04	0:16	0:09	2182	1:52	0:02	0:15	0:08
STL	MIA	845	2:13	0:00	0:13	0:08	1168	2:14	0:01	0:12	0:07
STL	MSP	878	1:05	-0:00	0:12	0:07	1048	1:06	0:00	0:12	0:07
STL	MSY	720	1:24	-0:01	0:10	0:05	690	1:23	-0:01	0:10	0:05
STL	ORD	5795	0:53	0:15	0:11	0:03	6735	0:50	0:11	0:12	0:04
STL	PHL	608	1:41	0:04	0:17	0:12	739	1:41	0:04	0:17	0:12
STL	PIT	1587	1:15	0:07	0:12	0:07	2168	1:12	0:04	0:12	0:07
STL	SEA	488	3:41	0:01	0:12	0:07	354	3:43	0:03	0:12	0:07
STL	SFO	493	3:43	-0:03	0:17	0:11	808	3:42	-0:04	0:16	0:10
TOTAL		680897	1:45	0:09	0:16	0:06	798549	1:46	0:08	0:16	0:06

TABLE III-1-2

AVERAGE YEARLY AIR AND GROUND

TIMES AND DELAYS

TOP 50 ROUTE SEGMENTS

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
ATL	DFW	5539	1:42	0:07	0:17	0:06	4134	1:43	0:08	0:16	0:05
ATL	MIA	4745	1:20	0:05	0:18	0:08	5199	1:20	0:05	0:17	0:07
ATL	ORD	4424	1:33	0:19	0:18	0:05	4888	1:30	0:15	0:19	0:06
BOS	DCA	6590	1:04	0:04	0:15	0:03	6321	1:03	0:04	0:15	0:03
BOS	EWR	3080	0:46	0:06	0:17	0:04	3096	0:46	0:06	0:16	0:03
BOS	JFK	2893	0:41	0:12	0:18	0:02	3137	0:40	0:12	0:19	0:03
BOS	LGA	11537	0:42	0:10	0:16	0:03	11418	0:41	0:09	0:16	0:03
BOS	PHL	6921	0:57	0:15	0:14	0:03	6159	0:55	0:13	0:15	0:04
CLE	DTW	2958	0:25	0:04	0:10	-0:00	3806	0:26	0:05	0:09	-0:01
DCA	BOS	6425	0:59	0:06	0:14	0:03	6410	0:59	0:06	0:14	0:03
DCA	LGA	10767	0:44	0:13	0:15	0:02	10280	0:44	0:12	0:14	0:01
DCA	ORD	6251	1:44	0:22	0:19	0:05	8084	1:41	0:19	0:18	0:04
DFW	ORD	5002	1:55	0:13	0:15	0:07	6330	1:53	0:12	0:16	0:08
DFW	ATL	5849	1:37	0:10	0:13	0:03	4506	1:36	0:09	0:14	0:04
DTW	LGA	3152	1:11	0:07	0:14	0:02	3015	1:12	0:08	0:14	0:02
DTW	ORD	5108	0:49	0:11	0:17	0:04	6251	0:48	0:09	0:17	0:04
EWR	BOS	2286	0:37	0:13	0:17	0:06	3297	0:38	0:14	0:15	0:04
EWR	ORD	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 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
JFK	BOS	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	BOS	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	EWR	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	1:35	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

FROM	TO	1974 FLIGHTS	1974 AVG AIR TME	1974 AVG AIR DEL	1974 AVG GND TME	1974 AVG GND DEL	1975 FLIGHTS	1975 AVG AIR TME	1975 AVG AIR DEL	1975 AVG GND TME	1975 AVG GND DEL
ORD	PIT	6308	0:59	0:05	0:19	0:08	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
ORD	STL	5493	0:43	0:04	0:19	0:08	6140	0:46	0:07	0:17	0:06
PHL	BOS	7235	0:50	0:14	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
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
SEA	SFO	2764	1:34	0:12	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
SFO	ORD	4491	3:36	0:11	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
STL	ORD	5795	0:53	0:15	0:11	0:03	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

TABLE III-2

AVERAGE MONTHLY AIRBORNE DELAYS AND GROUND DELAYS

COMPOSITE FOR THE TOP 50 U.S. ROUTE SEGMENTS

	1974			1975		
MONTH	NO. OF FLIGHTS	AVG AIR DELAY	AVG GND DELAY	NO. OF FLIGHTS	AVG AIR DELAY	AVG GND DELAY
JANUARY	11483	0:10	0:05	26466	0:11	0:05
FEBRUARY	24563	0:10	0:05	26556	0:11	0:06
MARCH	25833	0:10	0:05	27604	0:10	0:05
APRIL	24821	0:09	0:05	25880	0:09	0:05
MAY	19858	0:10	0:05	29671	0:08	0:05
JUNE	17638	0:10	0:05	25174	0:09	0:06
JULY	16865	0:09	0:05	24962	0:08	0:06
AUGUST	32240	0:11	0:07	30872	0:08	0:06
SEPTEMBER	27963	0:13	0:08	26397	0:08	0:05
OCTOBER	28166	0:12	0:06	24820	0:09	0:05
NOVEMBER	25758	0:11	0:05	28334	0:11	0:05
DECEMBER	23790	0:11	0:06	23604	0:11	0:06
TOTAL	278978	0:11	0:06	320340	0:10	0:05

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

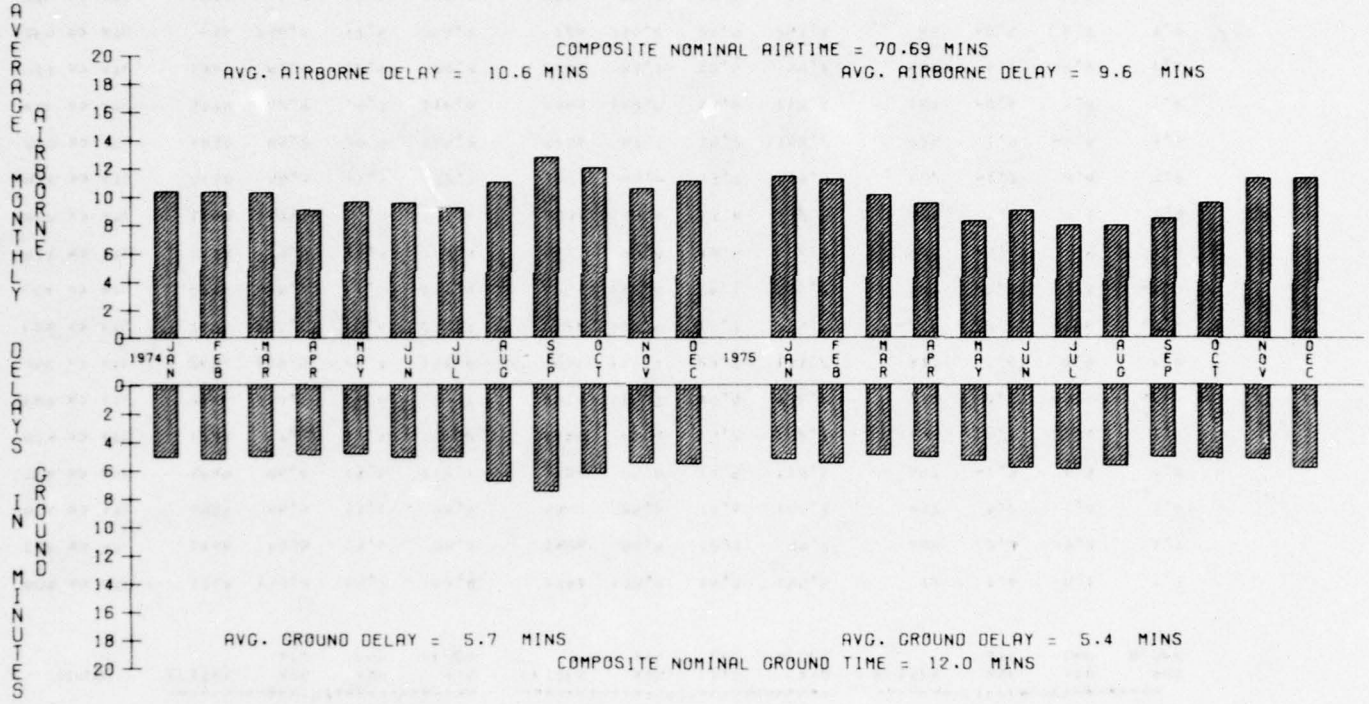


TABLE III-3-1

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT ATL

ROUTE	1978 FLTFS	1978 AVG AIR	1978 AVG GND	1978 AVG BLOCK	1975 FLTFS	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTFS	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
BOS => ATL	1718	137.2	16.7	153.9	1790	138.8	16.8	155.6	72	1.6	0.1	1.7
CLE => ATL	1166	84.5	13.6	98.1	1626	86.8	12.9	99.7	460	2.3	-0.7	1.7
DCA => ATL	4905	85.5	13.1	98.5	5342	85.6	14.6	100.3	437	0.2	1.6	1.8
DFW => ATL	3849	96.9	13.1	110.1	4506	95.6	14.5	110.1	657	-1.3	1.3	0.0
DTW => ATL	1223	87.3	13.9	101.2	1350	87.4	15.2	102.7	127	0.1	1.4	1.4
FWA => ATL	2376	110.1	16.6	126.7	2510	110.7	15.9	126.7	134	0.6	-0.6	-0.0
JFK => ATL	2638	109.5	22.3	131.8	3011	110.5	22.7	133.2	377	1.0	0.4	1.4
LAX => ATL	2598	220.1	16.1	236.2	2332	217.9	17.7	235.5	-266	-2.2	1.6	-0.6
LGA => ATL	4004	113.4	18.0	131.4	4253	112.8	18.3	131.2	249	-0.5	0.3	-0.2
MIA => ATL	4173	89.9	15.0	104.8	5121	89.4	16.5	106.3	948	-0.0	1.5	1.4
MSP => ATL	1693	117.5	13.5	131.1	2031	119.4	13.6	132.9	338	1.8	0.1	1.9
MSY => ATL	3150	66.3	11.1	77.4	3572	64.6	13.7	78.3	422	-1.7	2.6	0.9
ORD => ATL	4831	85.2	20.0	105.2	5056	87.1	19.2	106.2	225	1.9	-0.8	1.1
PHL => ATL	3994	102.9	13.7	116.6	4163	102.5	15.6	118.0	169	-0.4	1.8	1.4
PIT => ATL	1961	81.4	12.9	94.3	2466	83.1	12.5	95.7	505	1.7	-0.4	1.4
SFO => ATL	636	236.4	17.5	253.9	720	236.0	21.8	257.8	84	-0.5	4.4	3.9
STL => ATL	2374	68.7	13.4	82.1	2834	69.4	13.7	83.1	460	0.7	0.3	1.0
ALL => ATL	47281				52679				5398	0.2	0.8	1.0

TABLE III-3-2

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT BOS

ROUTE	1974 FLTS	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTS	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTS	DIFF AVG AIR	DIFF AVG GND	DIFF AVG BLOCK
ATL => BOS	1367	117.1	20.2	137.3	1424	116.9	18.2	135.1	57	-0.2	-2.0	-2.2
CLE => BOS	1196	74.9	12.8	87.7	1329	76.4	13.6	90.0	133	1.5	0.8	2.3
DCA => BOS	6825	59.3	13.8	73.1	6810	58.8	14.1	72.9	-15	-0.5	0.3	-0.2
DEN => BOS	566	197.5	15.1	212.6	864	196.4	15.8	212.2	298	-1.1	0.7	-0.4
DFW => BOS	332	179.2	18.9	198.1	342	182.7	17.8	200.6	10	3.6	-1.1	2.5
DTW => BOS	1825	79.9	14.6	94.5	1566	80.4	13.2	93.6	-259	0.5	-1.4	-0.9
EWR => BOS	2286	37.3	17.3	54.5	3297	38.1	15.0	53.0	1011	0.8	-2.3	-1.5
JFK => BOS	2723	33.6	21.2	54.8	2983	34.1	18.6	52.7	260	0.5	-2.6	-2.1
LAX => BOS	587	281.1	19.2	300.3	655	282.8	18.5	301.3	68	1.7	-0.7	1.1
LGA => BOS	11117	35.0	18.1	53.0	10896	36.1	17.8	53.9	-221	1.2	-0.3	0.9
MIA => BOS	1569	153.6	14.8	168.4	1599	154.0	15.7	169.8	30	0.5	0.9	1.4
MSP => BOS	497	132.6	16.1	148.7	660	134.2	16.6	150.9	163	1.6	0.5	2.2
MSY => BOS	180	158.8	12.6	171.4	358	160.1	13.0	173.1	178	1.3	0.4	1.7
ORD => BOS	4109	103.4	20.7	124.1	4726	104.0	19.2	123.2	617	0.6	-1.5	-0.9
PHL => BOS	7235	50.5	12.5	63.0	6285	49.3	13.2	62.5	-950	-1.1	0.6	-0.5
PIT => BOS	1520	68.7	11.2	80.0	1837	68.6	10.7	79.3	317	-0.1	-0.5	-0.6
SEA => BOS	59	282.7	19.7	302.4								
SFO => BOS	460	287.6	22.3	309.8	693	288.2	20.4	308.6	233	0.7	-1.9	-1.2
STL => BOS	457	124.4	16.0	140.3	842	125.3	15.4	140.7	385	0.9	-0.6	0.4
ALL => BOS	44490				46766				2276	0.3	-0.5	-0.2

TABLE III-3-3

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT CLE

ROUTE	1974 FLITES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLITES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLITES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => CLE	1128	77.7	16.3	94.0	1431	76.0	17.0	93.1	303	-1.7	0.8	-0.9
BOS => CLE	843	88.5	14.3	102.8	1287	88.1	14.8	102.9	444	-0.4	0.5	0.1
DCA => CLE	1721	54.5	15.2	69.7	2402	55.0	14.9	69.9	681	0.5	-0.3	0.2
DEN => CLE	379	138.6	13.4	152.0	642	138.6	13.2	151.8	263	-0.1	-0.2	-0.3
DFW => CLE	711	122.7	17.5	140.2	599	122.8	15.1	137.9	-112	0.1	-2.4	-2.3
DTW => CLE	2689	24.6	9.5	34.1	3591	24.8	8.5	33.3	902	0.2	-1.0	-0.8
EWR => CLE	1206	66.3	16.7	83.1	1553	65.5	16.5	82.0	347	-0.8	-0.2	-1.0
JFK => CLE	761	71.0	22.6	93.6	1076	70.2	22.1	92.3	315	-0.8	-0.5	-1.3
LAX => CLE	1462	230.5	16.7	247.2	1012	231.1	16.9	248.1	-450	0.7	0.2	0.8
LGA => CLE	3327	67.6	20.0	87.6	3931	68.1	18.7	86.8	604	0.5	-1.3	-0.8
MIA => CLE	827	138.4	14.1	152.5	1067	137.8	13.2	151.0	240	-0.5	-1.0	-1.5
MSP => CLE	447	79.9	13.0	92.9	763	80.0	14.5	94.4	316	0.1	1.5	1.6
MSY => CLE					44	115.0	11.6	126.6				
ORD => CLE	3144	47.2	20.7	67.9	3481	46.9	19.4	66.2	337	-0.3	-1.3	-1.7
PHL => CLE	1557	60.8	15.8	76.6	1865	60.3	16.0	76.3	308	-0.5	0.2	-0.3
PIT => CLE	2595	26.4	11.3	37.7	3008	26.0	11.8	37.8	413	-0.3	0.5	0.1
SFO => CLE	238	238.3	18.1	256.4	353	241.9	17.5	259.5	115	3.6	-0.6	3.0
STL => CLE	1299	64.8	14.0	78.7	1924	65.6	12.8	78.5	625	0.9	-1.1	-0.2
ALL => CLE	24334				30029				5695	-0.0	-0.5	-0.6

TABLE III-3-4

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT DCA

ROUTE	1974 FLTS	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTS	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTS	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => DCA	4028	73.6	16.7	90.3	4339	72.8	16.3	89.0	311	-0.8	-0.5	-1.3
BOS => DCA	6590	63.7	15.1	78.8	6321	63.5	15.1	78.6	-269	-0.3	0.0	-0.2
CLE => DCA	1958	51.2	12.3	63.5	2299	50.6	12.2	62.8	345	-0.7	-0.1	-0.8
DTW => DCA	1985	62.8	13.0	75.8	2374	62.4	12.6	75.0	389	-0.4	-0.4	-0.8
FAR => DCA	2520	41.0	14.2	55.2	2741	40.3	13.1	53.4	221	-0.7	-1.1	-1.8
JFK => DCA	600	40.8	18.7	59.4	845	42.6	19.8	62.4	245	1.8	1.1	3.0
LGA => DCA	10632	45.4	16.5	61.9	10386	45.6	16.5	62.1	-246	0.1	0.1	0.2
MIA => DCA	2184	119.5	13.1	132.6	2442	120.3	13.0	133.3	258	0.8	-0.1	0.6
MSP => DCA	1410	115.2	14.3	129.5	1472	115.3	16.1	131.4	62	0.1	1.8	1.9
ORD => DCA	5785	81.3	19.5	100.9	7736	80.3	17.9	98.2	1951	-1.1	-1.6	-2.7
PHL => DCA	1594	38.2	10.7	48.9	654	36.5	10.4	46.9	-940	-1.7	-0.3	-2.0
PIT => DCA	1456	39.0	11.9	50.9	1929	37.9	13.4	51.3	473	-1.1	1.5	0.4
STL => DCA	1347	90.0	13.5	103.5	2296	89.3	13.4	102.7	949	-0.6	-0.2	-0.8
ALL => DCA	42085				45834				3749	-0.4	-0.2	-0.6

TABLE III-3-5

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT DEN

ROUTE	1974 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
BOS => DEN	556	239.7	16.2	255.9	1040	238.2	17.2	255.5	484	-1.5	1.0	-0.4
CLE => DEN	427	165.2	14.2	179.4	636	163.8	13.8	177.5	209	-1.4	-0.5	-1.9
DEN => DEN	4636	94.4	12.6	107.0	5369	95.0	12.4	107.3	733	0.6	-0.2	0.4
DTW => DEN	516	153.8	15.9	169.7	721	152.7	13.8	166.5	205	-1.1	-2.1	-3.2
EWR => DEN	475	222.1	17.0	239.1	713	220.0	16.0	235.9	238	-2.1	-1.0	-3.1
JFK => DEN	1046	223.4	22.6	246.1	1450	220.9	22.3	243.2	404	-2.5	-0.4	-2.8
LAX => DEN	3246	104.0	15.9	119.9	3524	104.5	17.4	121.9	278	0.5	1.5	2.0
MSP => DEN	1730	97.1	11.4	108.5	2620	98.0	11.7	109.7	890	0.9	0.3	1.1
MSY => DEN	300	139.7	10.7	150.4	285	141.5	10.7	152.2	-15	1.8	0.1	1.9
ORD => DEN	4940	121.7	19.7	141.3	5920	122.3	19.0	141.3	980	0.6	-0.7	-0.1
PHL => DEN	321	212.7	16.3	229.0	380	210.6	17.1	227.7	59	-2.1	0.8	-1.2
PIT => DEN	134	174.6	15.8	190.5	172	176.4	14.1	190.5	38	1.8	-1.7	0.0
SEA => DEN	1999	121.1	12.9	134.0	2313	122.1	13.0	135.2	314	1.1	0.1	1.2
SFO => DEN	1941	115.3	17.0	132.4	2977	115.6	16.2	131.9	1036	0.3	-0.8	-0.5
STL => DEN	2090	111.6	21.2	132.8	2119	111.2	19.1	130.3	29	-0.4	-2.1	-2.5
ALL => DEN	24361				30243				5882	0.2	-0.3	-0.1

TABLE III-3-6

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT DFW

ROUTE	1974 FLTFS	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTFS	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTFS	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => DFW	3539	101.8	16.7	118.5	4134	102.8	16.5	119.3	595	1.0	-0.2	0.8
BOS => DFW	392	211.4	16.4	227.8	436	214.0	18.2	232.2	44	2.6	1.8	4.4
CLE => DFW	698	139.7	13.7	153.4	383	135.8	13.1	148.9	-315	-4.0	-0.5	-4.5
DEN => DFW	4590	85.9	12.3	98.2	5368	85.6	12.7	98.3	778	-0.3	0.4	0.1
DTW => DFW	1188	137.8	13.6	151.4	813	141.2	13.0	154.2	-375	3.4	-0.6	2.8
FWA => DFW	1621	189.2	15.3	204.5	2267	191.5	15.1	206.6	646	2.3	-0.2	2.0
JFK => DFW	1849	187.8	25.1	212.9	2095	191.0	24.1	215.1	246	3.2	-1.0	2.2
LAX => DFW	4428	144.1	17.0	161.1	5161	144.8	16.2	161.0	733	0.7	-0.8	-0.1
LGA => DFW	2252	190.3	21.6	211.8	2589	192.2	21.1	213.3	337	1.9	-0.4	1.5
MIA => DFW	1925	154.2	13.9	168.2	1990	156.1	13.5	169.6	65	1.8	-0.4	1.4
MSP => DFW	858	115.1	12.3	127.4	1016	115.9	12.3	128.1	158	0.7	-0.0	0.7
MSY => DFW	3452	68.5	10.4	78.9	3864	67.8	10.8	78.5	412	-0.7	0.4	-0.3
ORD => DFW	5579	112.8	21.0	133.8	6190	113.9	19.8	133.8	611	1.2	-1.2	-0.0
PHL => DFW	1128	177.3	17.6	195.0	847	181.5	17.6	199.1	-281	4.2	-0.1	4.1
PIT => DFW	763	145.6	12.8	158.4	852	148.0	12.4	160.4	89	2.5	-0.4	2.1
SEA => DFW	775	191.4	11.9	203.3	716	189.6	12.1	201.7	-59	-1.8	0.2	-1.6
SFO => DFW	2827	169.2	16.2	185.4	3225	168.3	16.4	184.7	398	-1.0	0.2	-0.8
STL => DFW	2157	79.3	13.3	92.6	2865	81.2	12.8	93.9	708	1.9	-0.6	1.4
ALL => DFW	80021				84811				4790	0.9	-0.3	0.6

TABLE III-3-7

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT DTW

ROUTE	1974 FLTTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => DTW	1337	80.5	19.3	99.8	1121	79.5	18.7	98.2	-216	-1.0	-0.6	-1.6
BOS => DTW	1601	95.1	15.8	111.0	1427	95.9	15.2	111.2	-174	0.8	-0.6	0.2
CLE => DTW	2938	25.1	9.9	34.9	3806	25.8	8.8	34.5	868	0.7	-1.1	-0.4
DCA => DTW	2096	66.2	14.1	80.2	2436	66.8	14.8	81.6	340	0.7	0.7	1.4
DEN => DTW	520	131.2	14.1	145.3	719	131.8	15.1	146.9	199	0.5	1.0	1.5
DFW => DTW	808	125.0	15.7	138.7	1030	121.8	15.1	137.0	222	-1.2	-0.5	-1.7
FWA => DTW	1362	79.1	14.9	94.0	1574	79.9	15.5	95.3	212	0.8	0.6	1.4
JFK => DTW	1241	82.9	24.5	107.4	1142	84.5	25.4	109.9	-99	1.6	0.9	2.5
LAX => DTW	1052	220.7	17.8	238.5	1242	221.3	17.0	238.4	190	0.6	-0.7	-0.1
LGA => DTW	5464	78.4	20.0	98.3	5360	78.1	18.9	96.9	-104	-0.3	-1.1	-1.4
MIA => DTW	1192	147.4	14.9	162.3	1262	146.0	13.9	159.8	70	-1.5	-1.0	-2.5
MSP => DTW	544	72.2	16.0	88.2	875	72.8	18.0	90.8	331	0.6	2.0	2.6
MSY => DTW	59	118.2	8.2	126.4	9	117.3	8.0	125.3	-50	-0.8	-0.2	-1.0
ORD => DTW	5479	38.4	20.0	58.3	6699	38.0	18.0	56.0	1220	-0.4	-1.9	-2.3
PHL => DTW	1617	73.3	16.0	89.2	2228	74.4	15.6	90.0	611	1.1	-0.3	0.8
PIT => DTW	2162	37.8	12.3	50.1	2162	38.7	11.8	50.5	0	0.9	-0.5	0.4
SFO => DTW	1598	231.8	16.6	248.4	1645	231.9	17.3	249.2	47	0.2	0.7	0.9
STL => DTW	909	61.7	15.1	76.8	1282	60.7	14.2	75.0	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 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => EWR	2499	97.0	18.1	115.1	2411	95.3	17.8	113.0	-88	-1.7	-0.3	-2.1
BOS => EWR	3080	45.8	16.6	62.4	3096	45.6	16.5	62.1	16	-0.2	-0.1	-0.3
CLE => EWR	995	59.8	14.0	73.9	1400	59.7	14.5	74.2	405	-0.1	0.4	0.3
DCA => EWR	2708	38.7	13.5	53.2	2960	38.7	13.8	52.4	252	-0.1	-0.7	-0.8
DEN => EWR	464	185.0	16.9	201.9	652	185.9	16.5	202.3	188	0.9	-0.4	0.4
DFW => EWR	1527	163.5	14.7	178.2	2410	160.9	15.1	176.0	883	-2.5	0.4	-2.2
DTW => EWR	1344	67.5	14.2	81.7	1517	67.8	14.4	82.3	173	0.4	0.2	0.6
JFK => EWR					18	18.2	18.2	36.4				
LAX => EWR	766	275.8	16.6	292.4	997	277.2	16.8	294.0	231	1.3	0.3	1.6
MIA => EWR	1970	138.1	16.0	154.1	2012	139.4	15.9	155.3	42	1.3	-0.0	1.3
MSY => EWR	358	140.9	10.3	151.2	258	137.8	11.1	148.9	-100	-3.1	0.8	-2.3
ORD => EWR	3151	90.1	22.4	112.6	3461	89.4	20.7	110.1	310	-0.7	-1.8	-2.5
PHL => EWR	1145	23.9	14.9	38.7	1772	23.4	16.1	39.5	627	-0.5	1.2	0.8
PIT => EWR	2335	54.9	11.4	66.3	2549	53.5	11.5	65.0	214	-1.4	0.1	-1.3
SFO => EWR	298	284.2	20.0	304.2	389	284.4	19.8	304.2	91	0.2	-0.2	-0.0
STL => EWR	368	109.9	15.6	125.5	644	107.5	14.5	122.1	276	-2.4	-1.0	-3.4
ALL => EWR	22968				26498				3534	-0.6	-0.2	-0.8

TABLE III-3-9

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT JFK

ROUTE	1974 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => JFK	2167	99.7	18.9	118.5	2295	98.7	19.9	118.6	128	-0.9	1.0	0.0
BUS => JFK	2893	40.6	18.2	58.8	3137	40.3	18.5	58.8	244	-0.3	0.3	-0.0
CLE => JFK	654	75.0	16.9	90.0	1017	74.0	16.1	90.1	363	1.0	-0.8	0.2
DCA => JFK	478	42.6	14.9	57.5	828	43.3	17.4	60.7	350	0.7	2.4	3.2
DEN => JFK	1131	194.1	19.2	213.3	1664	194.8	20.4	215.2	533	0.6	1.2	1.9
DFW => JFK	1690	168.6	17.8	186.4	1690	168.8	17.5	186.3	0	0.2	-0.3	-0.1
DTW => JFK	1072	75.2	16.9	92.2	1210	77.3	17.6	94.9	138	2.1	0.7	2.8
EWR => JFK	8	21.3	15.1	36.4	28	22.9	16.9	39.8	20	1.6	1.8	3.4
LAX => JFK	3655	279.2	21.2	300.4	4006	281.2	20.9	302.1	351	2.0	-0.3	1.7
MIA => JFK	3525	139.1	18.1	157.2	3640	138.9	18.4	157.3	115	-0.2	0.3	0.1
MSP => JFK	173	123.9	19.9	143.7	74	122.3	23.8	146.1	-99	-1.5	3.9	2.4
MSY => JFK	1019	145.6	10.7	156.2	865	144.9	13.6	158.6	-154	-0.6	3.0	2.3
ORD => JFK	2514	97.2	22.4	119.6	3436	100.0	21.4	121.4	922	2.8	-1.0	1.8
PHL => JFK	1528	29.9	16.6	46.5	2093	29.8	18.6	48.4	565	-0.1	1.9	1.8
PIT => JFK	920	64.5	13.3	77.8	955	66.6	12.7	79.3	35	2.1	-0.6	1.5
SEA => JFK	534	279.8	18.4	298.1	733	278.4	19.1	297.5	199	-1.4	0.7	-0.6
SFO => JFK	2380	291.0	22.3	313.3	3273	292.5	22.8	315.3	893	1.5	0.5	2.0
STL => JFK	47	114.1	17.0	131.1	83	111.2	16.4	127.7	36	-2.9	-0.5	-3.4
ALL => JFK	26388				31027				4639	0.7	0.4	1.1

TABLE III-3-10

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT LAX

ROUTE	1974 FLITES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLITES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLITES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => LAX	2577	246.6	17.4	264.0	2443	247.0	19.8	266.8	-134	0.4	2.4	2.7
BOS => LAX	588	327.4	20.5	347.8	656	325.3	20.0	345.3	68	-2.1	-0.5	-2.5
CLE => LAX	1298	267.4	14.7	282.1	1188	268.3	13.7	282.0	-110	0.9	-1.0	-0.1
DEN => LAX	3041	113.7	14.0	127.6	3403	113.7	14.7	128.4	362	0.1	0.7	0.8
DFW => LAX	4211	162.4	14.7	177.1	4519	162.1	14.9	177.0	308	-0.3	0.2	-0.1
DTW => LAX	1205	252.3	15.7	268.0	1501	254.4	14.2	268.6	296	2.1	-1.5	0.5
EWR => LAX	953	323.6	17.0	340.6	1289	321.6	17.0	338.6	336	-2.0	-0.1	-2.1
JFK => LAX	3419	317.4	24.8	342.2	4232	316.9	24.9	341.8	813	-0.5	0.1	-0.4
MIA => LAX	401	293.0	22.9	315.9	406	287.0	20.4	307.3	5	-6.0	-2.6	-8.6
MSP => LAX	1294	195.7	16.1	211.8	2371	196.4	15.7	212.2	1077	0.7	-0.3	0.4
MSY => LAX	705	213.8	13.8	227.6	881	214.1	15.3	229.4	176	0.3	1.5	1.8
ORD => LAX	6573	224.1	21.3	245.4	8069	222.9	21.3	244.2	1496	-1.2	-0.0	-1.2
PHL => LAX	1376	310.2	17.6	327.8	1426	307.5	18.7	326.2	50	-2.7	1.0	-1.7
PIT => LAX	236	266.7	18.1	284.8	361	268.1	16.5	284.5	125	1.4	-1.6	-0.3
SEA => LAX	2021	121.2	13.0	134.2	3517	120.2	13.0	133.2	1496	-1.0	-0.0	-1.0
SFO => LAX	9367	52.4	16.1	68.4	13671	51.6	15.5	67.0	4304	-0.8	-0.6	-1.4
STL => LAX	1730	206.6	16.9	223.5	3094	207.9	15.3	223.2	1364	1.3	-1.6	-0.2
ALL => LAX	40995				53023				12028	-0.5	-0.1	-0.6

TABLE III-3-11

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT LGA

ROUTE	1974 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => LGA	3763	100.5	16.7	117.2	4203	98.3	16.6	115.0	440	-2.2	-0.0	-2.2
BOS => LGA	11537	41.8	15.6	57.5	11418	41.3	15.7	57.0	-119	-0.5	0.1	-0.5
CLE => LGA	2688	65.6	12.4	78.0	3458	64.1	11.9	76.0	814	-1.5	-0.5	-2.0
DCA => LGA	10767	44.3	14.9	59.3	10280	43.7	14.3	58.0	-487	-0.6	-0.7	-1.2
DFW => LGA	2439	165.6	14.9	180.5	2738	164.6	14.5	179.1	299	-1.0	-0.5	-1.4
DTW => LGA	3152	71.2	14.3	85.5	3013	71.8	13.7	85.5	-139	0.6	-0.6	-0.1
MIA => LGA	3220	141.7	17.1	158.8	3206	141.6	15.9	157.6	-14	-0.0	-1.2	-1.2
MSP => LGA	1622	129.7	15.2	144.9	1740	127.9	15.8	143.7	118	-1.8	0.6	-1.2
MSY => LGA	717	142.5	12.9	155.4	827	141.5	11.6	153.1	110	-1.0	-1.4	-2.3
ORD => LGA	7623	95.3	21.6	116.9	10077	94.1	20.2	114.3	2454	-1.2	-1.4	-2.6
PHL => LGA	151	25.5	15.8	41.3	70	28.6	12.3	40.9	-81	3.1	-3.5	-0.4
PIT => LGA	3723	58.0	12.5	70.5	4370	54.7	11.7	66.5	647	-3.3	-0.7	-4.0
STL => LGA	1854	113.9	15.8	129.7	2182	112.2	15.4	127.6	328	-1.8	-0.4	-2.2
ALL => LGA	53212				57582				4370	-1.0	-0.6	-1.6

TABLE III-3-12

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT MIA

ROUTE	1974 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => MIA	4745	80.0	17.8	97.8	5199	80.1	17.4	97.5	454	0.1	-0.4	-0.3
BOS => MIA	1547	161.6	16.7	178.4	1819	161.8	15.7	177.4	272	0.1	-1.1	-0.9
CLE => MIA	823	136.9	13.7	150.6	1070	139.3	13.7	153.0	247	2.3	0.0	2.4
DCA => MIA	2187	123.7	14.7	138.4	2419	122.5	14.0	136.5	232	-1.2	-0.7	-1.9
DEN => MIA	1938	135.6	13.5	149.2	1788	136.3	12.6	148.9	-150	0.7	-0.9	-0.3
DTW => MIA	1159	139.7	13.7	153.4	1229	140.6	12.2	152.8	70	0.9	-1.6	-0.6
FWA => MIA	1957	142.1	16.0	158.1	2051	144.1	14.6	158.6	94	2.0	-1.4	0.5
JFK => MIA	3990	142.9	21.1	164.0	4218	142.9	21.7	164.6	228	-0.0	0.6	0.5
LAX => MIA	411	252.0	18.0	270.0	510	253.9	17.9	271.8	99	2.0	-0.1	1.8
LGA => MIA	2812	145.4	20.1	165.5	2882	145.6	19.0	164.6	70	0.1	-1.1	-1.0
MSP => MIA					57	178.0	15.4	193.4				
MSY => MIA	1689	86.6	11.4	98.0	1827	86.3	11.1	97.4	138	-0.3	-0.3	-0.6
ORD => MIA	2907	144.2	20.8	165.0	3308	147.1	19.8	166.9	401	2.9	-1.0	1.9
PHL => MIA	2111	132.7	14.4	147.1	1897	133.2	14.9	148.0	-214	0.5	0.5	1.0
PIT => MIA	935	130.9	13.0	143.9	1139	130.6	13.5	144.2	204	-0.3	0.5	0.2
SFO => MIA	217	280.7	29.8	310.5	271	280.5	18.2	298.7	54	-0.2	-11.6	-11.8
STL => MIA	845	133.5	12.8	146.2	1168	133.7	12.1	145.8	323	0.2	-0.6	-0.5
ALL => MIA	30259				32838				2579	0.5	-0.6	-0.1

TABLE III-3-13

AVERAGE EARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT MSP

ROUTE	1974 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => MSP	1619	124.4	13.8	138.1	2030	124.2	14.9	139.0	411	-0.2	1.1	0.9
BOS => MSP	484	156.8	15.2	172.0	649	157.2	15.7	172.9	165	0.4	0.5	0.9
CLE => MSP	445	91.0	12.9	103.9	894	90.8	13.1	104.0	449	-0.2	0.2	0.1
DCA => MSP	1397	130.8	15.1	145.8	1380	132.0	16.4	148.4	-17	1.2	1.3	2.5
DEN => MSP	1532	86.2	10.4	96.6	2595	86.0	10.7	96.7	1063	-0.2	0.3	0.1
DFW => MSP	803	111.5	13.1	124.6	969	110.1	12.4	122.5	166	-1.4	-0.7	-2.1
DTW => MSP	604	78.5	14.2	92.6	925	78.8	13.8	92.6	321	0.4	-0.4	-0.0
JFK => MSP	171	147.0	21.8	168.8	74	150.9	20.2	171.1	-97	3.9	-1.6	2.4
LAX => MSP	1286	177.4	15.9	193.3	2370	177.3	16.2	193.5	1084	-0.1	0.3	0.2
LGA => MSP	1509	143.3	19.6	162.9	1709	143.9	18.3	162.2	200	0.7	-1.4	-0.7
MIA => MSP					56	200.3	14.4	214.7				
ORD => MSP	5835	55.5	19.8	75.3	7480	55.5	18.7	74.2	1645	0.0	-1.1	-1.1
PHL => MSP	425	140.1	15.2	155.3	570	140.5	15.0	155.5	145	0.4	-0.2	0.2
SEA => MSP	641	159.0	13.9	172.9	948	160.3	14.0	174.3	307	1.3	0.1	1.4
SFO => MSP	1036	180.9	13.6	194.5	1736	181.6	15.4	197.1	700	0.7	1.9	2.6
STL => MSP	878	65.3	11.9	77.2	1048	65.6	11.9	77.5	170	0.3	-0.0	0.3
ALL => MSP	18665				25433				6768	0.2	-0.1	0.1

TABLE III-3-14

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT MSY

ROUTE	1970 FLTES	1970 AVG AIR	1970 AVG GND	1970 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => MSY	3637	63.4	15.	78.8	4043	64.3	15.6	79.9	406	0.9	0.3	1.2
BOS => MSY	245	179.1	16.3	195.3	359	183.6	16.2	199.8	114	4.5	-0.1	4.4
CLE => 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
FWA => 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	155.8	22.3	177.7	1418	156.9	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, BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT ORD

ROUTE	1974 FLITES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLITES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLITES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => ORD	4424	93.5	17.5	111.0	4888	89.7	18.7	108.4	464	-3.8	1.2	-2.6
BOS => ORD	4105	137.4	20.5	158.0	4627	132.3	19.7	152.0	522	-5.1	-0.9	-6.0
CLE => ORD	2823	63.5	16.8	80.3	3504	60.7	17.6	78.3	681	-2.9	0.8	-2.0
DCA => ORD	6251	104.3	18.5	122.8	8084	101.0	17.7	118.7	1833	-3.3	-0.8	-4.1
DEN => ORD	5002	114.6	15.1	129.8	6330	112.8	15.8	128.6	1328	-1.8	0.6	-1.2
DFW => ORD	6365	111.4	16.1	127.5	6169	107.5	15.7	123.3	-196	-3.9	-0.3	-4.2
DTW => ORD	5108	49.4	16.8	66.2	6251	48.0	16.6	64.6	1143	-1.5	-0.1	-1.6
FWR => ORD	3281	119.6	20.2	139.7	3665	115.8	19.8	135.6	384	-3.8	-0.4	-4.2
JFK => ORD	2455	118.4	24.8	143.2	3578	116.2	25.2	141.4	1123	-2.3	0.4	-1.8
LAX => ORD	7166	205.2	19.2	224.4	8114	202.5	19.4	221.9	948	-2.7	0.2	-2.5
LGA => ORD	7958	119.1	25.8	144.9	10026	115.9	24.3	140.2	2068	-3.2	-1.5	-4.7
MIA => ORD	2543	164.7	16.0	180.7	2920	159.9	16.9	176.8	377	-4.8	0.9	-3.9
MSP => ORD	5672	58.5	17.2	75.7	6951	55.4	17.9	73.4	1279	-3.0	0.7	-2.3
MSY => ORD	911	123.5	9.8	133.3	1037	114.8	12.3	127.0	126	-8.8	2.5	-6.3
PHL => ORD	2976	112.6	20.4	133.0	4358	108.7	19.8	128.4	1382	-3.9	-0.7	-4.6
PIT => ORD	6381	76.3	14.4	90.7	7449	73.0	13.9	86.9	1068	-3.3	-0.4	-3.7
SEA => ORD	1998	201.6	18.1	219.7	2798	197.2	18.2	215.4	800	-4.4	0.1	-4.2
SFO => ORD	4491	215.6	21.4	237.0	5607	212.4	20.8	233.2	1116	-3.3	-0.6	-3.8
STL => ORD	5795	53.1	11.3	64.5	6735	49.6	12.5	62.0	940	-3.6	1.1	-2.4
ALL => ORD	85704				103090				17386	-3.3	-0.0	-3.3

TABLE III-3-16

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT PHL

ROUTE	1974 FLITES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLITES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLITES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => PHL	5636	87.9	17.2	105.1	4209	87.5	17.8	105.3	573	-0.4	0.7	0.3
BOS => PHL	6921	57.1	14.1	71.2	6159	55.1	14.5	69.6	-762	-2.0	0.5	-1.6
CLE => PHL	1530	56.1	16.0	72.2	1765	56.5	15.9	72.4	235	0.4	-0.1	0.2
DCA => PHL	1889	31.3	11.5	42.9	1053	31.0	14.0	45.0	-836	-0.3	2.5	2.2
DEN => PHL	433	180.8	16.1	196.9	429	182.8	18.0	200.9	-4	2.0	1.9	3.9
DFW => PHL	923	154.6	18.0	172.6	1145	155.4	17.4	172.8	222	0.8	-0.6	0.2
DTW => PHL	1412	66.0	15.6	81.6	2076	66.5	14.9	81.4	664	0.6	-0.7	-0.2
EWR => PHL	1701	26.8	15.2	41.9	1561	27.8	15.5	43.3	-140	1.0	0.3	1.3
JFK => PHL	1311	29.9	21.5	51.4	1973	28.8	24.2	53.1	662	-1.1	2.7	1.7
LAX => PHL	1242	267.2	18.1	285.3	1593	268.4	18.9	287.4	351	1.2	0.8	2.0
LGA => PHL	268	29.2	17.9	47.1	539	29.0	18.5	47.5	271	-0.3	0.7	0.4
MIA => PHL	1866	129.2	14.9	144.1	1832	129.9	15.1	145.0	-34	0.7	0.2	0.9
MSP => PHL	469	125.3	14.2	139.6	624	121.7	18.2	139.9	155	-1.7	2.0	0.3
MSY => PHL	685	133.9	10.8	144.7	722	134.0	11.0	144.9	37	0.1	0.2	0.2
ORD => PHL	2847	88.9	21.5	110.4	3756	89.0	19.9	108.9	909	0.1	-1.6	-1.5
PIT => PHL	6082	46.2	11.0	57.2	6404	45.4	11.2	56.6	322	-0.8	0.2	-0.6
SFO => PHL	582	278.9	20.1	299.0	819	280.5	19.7	300.2	237	1.6	-0.4	1.3
STL => PHL	608	101.2	16.6	117.8	739	101.2	16.5	117.7	131	0.0	-0.1	-0.1
ALL => PHL	34405				37398				2993	-0.4	0.3	-0.1

TABLE III-3-17

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT PIT

ROUTE	1974 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => PIT	1946	73.7	17.2	90.9	2547	72.7	17.2	89.9	601	-1.0	-0.1	-1.0
BOS => PIT	1753	79.8	13.2	93.0	2104	77.1	13.1	90.1	351	-2.8	-0.1	-2.9
CLE => PIT	2522	26.4	12.9	39.3	2662	24.8	12.0	36.8	140	-1.6	-0.9	-2.5
DCA => PIT	1609	39.5	15.7	55.2	2049	39.6	16.5	56.1	440	0.1	0.8	0.9
DEN => PIT	144	155.6	16.7	172.3	187	148.6	13.3	161.8	43	-7.0	-3.4	-10.4
DFW => PIT	696	130.4	16.2	146.6	498	130.4	16.6	147.1	-198	0.1	0.4	0.5
DTW => PIT	2285	37.3	13.4	50.7	2601	35.9	11.9	47.9	316	-1.3	-1.5	-2.8
FWA => PIT	2700	58.0	13.7	71.7	2835	56.4	13.3	69.7	135	-1.6	-0.4	-2.0
JFK => PIT	674	58.2	19.9	78.1	680	59.2	15.8	75.0	6	1.0	-4.0	-3.0
LAX => PIT	210	233.1	18.3	251.4	362	233.7	16.1	249.9	152	0.6	-2.2	-1.6
LGA => PIT	5646	60.4	17.9	78.3	4551	57.7	17.0	74.7	905	-2.7	-0.9	-3.6
MIA => PIT	935	131.9	14.9	146.8	1141	131.2	14.9	146.1	206	-0.7	0.0	-0.7
MSY => PIT	475	113.5	13.8	127.4	685	112.2	12.9	125.1	210	-1.3	-0.9	-2.2
ORD => PIT	6308	59.1	18.7	77.8	7156	57.4	17.5	74.9	848	-1.8	-1.1	-2.9
PHL => PIT	5877	49.1	13.0	62.1	5694	46.7	13.4	60.1	-183	-2.4	0.4	-2.0
SFO => PIT	143	255.7	20.4	276.1	156	253.4	17.6	271.0	13	-2.3	-2.8	-5.1
STL => PIT	1587	75.0	11.6	86.5	2168	72.2	11.9	84.2	581	-2.8	0.4	-2.4
ALL => PIT	33510				38076				4566	-1.8	-0.5	-2.3

TABLE III-3-18

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT SEA

ROUTE	1974 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
BOS => SEA	39	321.7	14.2	335.9								
DEN => SEA	1890	136.5	12.1	148.6	2133	137.4	12.8	150.2	243	0.8	0.7	1.6
DFW => SEA	732	216.6	12.3	229.0	815	215.5	12.3	227.8	83	-1.1	-0.1	-1.2
JFK => SEA	657	314.8	22.7	337.5	839	313.3	25.1	338.3	182	-1.6	2.4	0.9
LAX => SEA	1977	125.2	13.3	138.5	3129	125.4	13.4	138.8	1152	0.3	0.1	0.3
MSP => SEA	828	183.5	15.6	199.1	1271	184.7	15.4	200.1	443	1.1	-0.2	0.9
ORD => SEA	1923	223.9	22.9	246.8	2902	223.7	21.4	245.1	979	-0.2	-1.5	-1.7
SFO => SEA	3121	90.8	14.2	105.0	5253	90.8	13.4	104.2	2132	0.0	-0.8	-0.7
STL => SEA	488	221.1	12.2	233.2	354	223.0	12.2	235.2	-134	1.9	0.0	1.9
ALL => SEA	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 FLTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => SFO	498	269.4	17.0	286.4	661	261.0	21.2	282.3	163	-8.4	4.2	-4.2
BOS => SFO	465	337.3	21.7	359.0	690	334.9	20.0	355.0	225	-2.4	-1.6	-4.0
CLE => SFO	235	279.3	15.6	294.9	341	279.8	14.1	293.9	106	0.5	-1.5	-1.0
DEN => SFO	1853	127.9	12.8	140.8	2999	128.2	14.1	142.3	1146	0.2	1.3	1.5
DFW => SFO	3091	188.7	15.1	203.9	3225	188.1	15.9	204.1	134	-0.6	0.8	0.2
DTW => SFO	1184	268.0	14.6	282.6	1289	267.7	13.2	280.9	105	-0.3	-1.4	-1.6
EWR => SFO	400	335.3	16.4	351.7	511	333.9	17.1	351.0	111	-1.4	0.7	-0.7
JFK => SFO	2435	333.8	23.2	357.0	3225	330.5	23.6	354.1	790	-3.3	0.4	-2.9
LAX => SFO	10339	51.5	13.8	65.4	14538	52.1	14.0	66.0	4199	0.6	0.1	0.7
MIA => SFO	217	327.3	18.1	345.4	272	319.5	17.4	336.9	55	-7.8	-0.6	-8.5
MSP => SFO	968	205.0	14.3	219.3	1725	205.1	14.6	219.7	757	0.2	0.3	0.5
MSY => SFO	193	246.4	12.7	259.1	232	240.4	14.1	254.6	39	-6.0	1.5	-4.5
ORD => SFO	4191	237.8	22.0	259.8	5167	237.6	21.0	258.6	976	-0.2	-1.0	-1.1
PHL => SFO	479	330.0	19.3	349.4	703	327.3	18.9	346.2	224	-2.7	-0.5	-3.2
PIT => SFO	143	291.2	16.2	307.4	155	290.0	13.4	303.3	12	-1.2	-2.9	-4.1
SEA => SFO	2764	94.1	12.0	106.1	5328	92.5	11.9	104.4	2564	-1.6	-0.1	-1.7
STL => SFO	493	222.8	16.7	239.5	808	222.0	16.2	238.2	315	-0.8	-0.5	-1.3
ALL => SFO	29948				41869				11921	-0.7	0.1	-0.6

TABLE III-3-20

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT STL

ROUTE	1974 FLTTES	1974 AVG AIR	1974 AVG GND	1974 AVG BLOCK	1975 FLTTES	1975 AVG AIR	1975 AVG GND	1975 AVG BLOCK	DIFFERENCE FLTTES	DIFFERENCE AVG AIR	DIFFERENCE AVG GND	DIFFERENCE AVG BLOCK
ATL => STL	2715	73.1	14.5	87.6	3187	73.9	14.5	88.4	472	0.8	-0.1	0.7
BOS => STL	454	150.6	16.8	167.4	1013	149.3	16.5	165.8	559	-1.3	-0.3	-1.6
CLE => STL	1466	74.3	12.2	86.5	2273	76.1	11.0	87.1	807	1.8	-1.2	0.6
DCA => STL	1237	107.8	14.3	122.1	2152	108.7	14.2	122.8	915	0.9	-0.2	0.7
DEN => STL	2011	97.8	13.3	111.0	2169	98.3	13.1	111.4	158	0.5	-0.2	0.4
DFW => STL	1997	76.3	12.8	89.1	2917	76.8	11.9	88.7	920	0.5	-0.9	-0.4
DTW => STL	830	70.1	13.0	83.0	1200	71.3	11.4	82.7	370	1.2	-1.5	-0.3
FWA => STL	365	126.2	16.9	143.2	706	128.4	14.2	142.5	341	2.1	-2.8	-0.6
JFK => STL	228	129.2	24.5	153.7	506	128.6	27.6	156.2	278	-0.6	3.1	2.5
LAX => STL	1590	182.6	17.3	199.9	2855	183.6	16.2	199.9	1265	1.0	-1.1	-0.0
LGA => STL	1876	128.9	20.4	149.3	2221	131.5	20.3	151.8	345	2.6	-0.1	2.5
MIA => STL	706	144.5	13.2	157.7	1049	144.7	12.6	157.2	303	0.2	-0.6	-0.5
MSP => STL	946	63.2	11.9	75.1	1187	65.7	11.3	77.0	241	2.5	-0.6	1.9
MSY => STL	637	83.6	9.4	93.0	623	84.3	9.4	93.7	-14	0.8	-0.1	0.7
ORD => STL	5493	42.9	18.8	61.7	6140	45.5	16.6	62.1	647	2.6	-2.2	0.5
PHI => STL	764	117.9	17.5	135.3	988	118.7	15.7	134.4	224	0.8	-1.7	-0.9
PIT => STL	1391	85.6	10.4	96.0	2012	86.6	10.4	95.0	621	0.9	0.0	1.0
SEA => STL	354	193.1	13.6	206.6	361	192.9	13.1	206.1	7	-0.2	-0.4	-0.6
SFO => STL	705	194.1	17.1	211.2	903	195.7	16.3	212.0	198	1.6	-0.8	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

AVERAGE 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 MIA

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	18595	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	1309	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----

AD-A039 483 TRANSPORTATION SYSTEMS CENTER CAMBRIDGE MASS F/G 1/2
AIRLINE DELAY TRENDS, 1974-1975. A STUDY OF BLOCK TIME DELAYS, --ETC(U)
MAR 77 H M CONDELL, S M HOROWITZ
UNCLASSIFIED TSC-FAA-77-6 FAA-EM-77-2 NL

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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	7748	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	8498	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

	1970		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	5674	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 DELAY
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 ATL FROM 19 STUDY AIRPORTS

	1974		1975	
LOCAL ARRIVAL HOUR	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	3044	0:11	3756
18	0:11	1[illegible]4	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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 CLE FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	1974 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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	354		
07			0:01	11
08	0:06	581	0:08	1107
09	0:06	1350	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-S-4

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS

ARRIVING AT DCA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	1974 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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	3044
10	0:09	2000	0:10	2388
11	0:05	2136	0:06	2896
12	0:10	1936	0:08	2084
13	0:04	5330	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 DEN FROM 19 STUDY AIRPORTS

	1974		1975	
LOCAL ARRIVAL HOUR	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	1406	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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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	476	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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 NUMBER OF ARRIVALS
00	0:02	2268	0:04	2468
01	0:04	335	0:07	602
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

	1974		1975	
LOCAL ARRIVAL HOUR	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR 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 AIR 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 NUMBER OF ARRIVALS
00	0:08	347	0:04	360
01	0:03	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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 NUMBER OF ARRIVALS
00	0:07	1180	0:07	771
01	0:09	1367	0:07	1762
02	0:09	859	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	5556	0:12	6850
14	0:12	4704	0:11	5549
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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 NUMBER OF ARRIVALS
00				
01			0:05	265
02				
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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 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 AVERAGE AIR DELAY*	1974 NUMBER OF ARRIVALS	1975 AVERAGE AIR DELAY*	1975 NUMBER OF ARRIVALS
00	0:01	330	0:02	320
01	0:01	357	0:03	120
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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