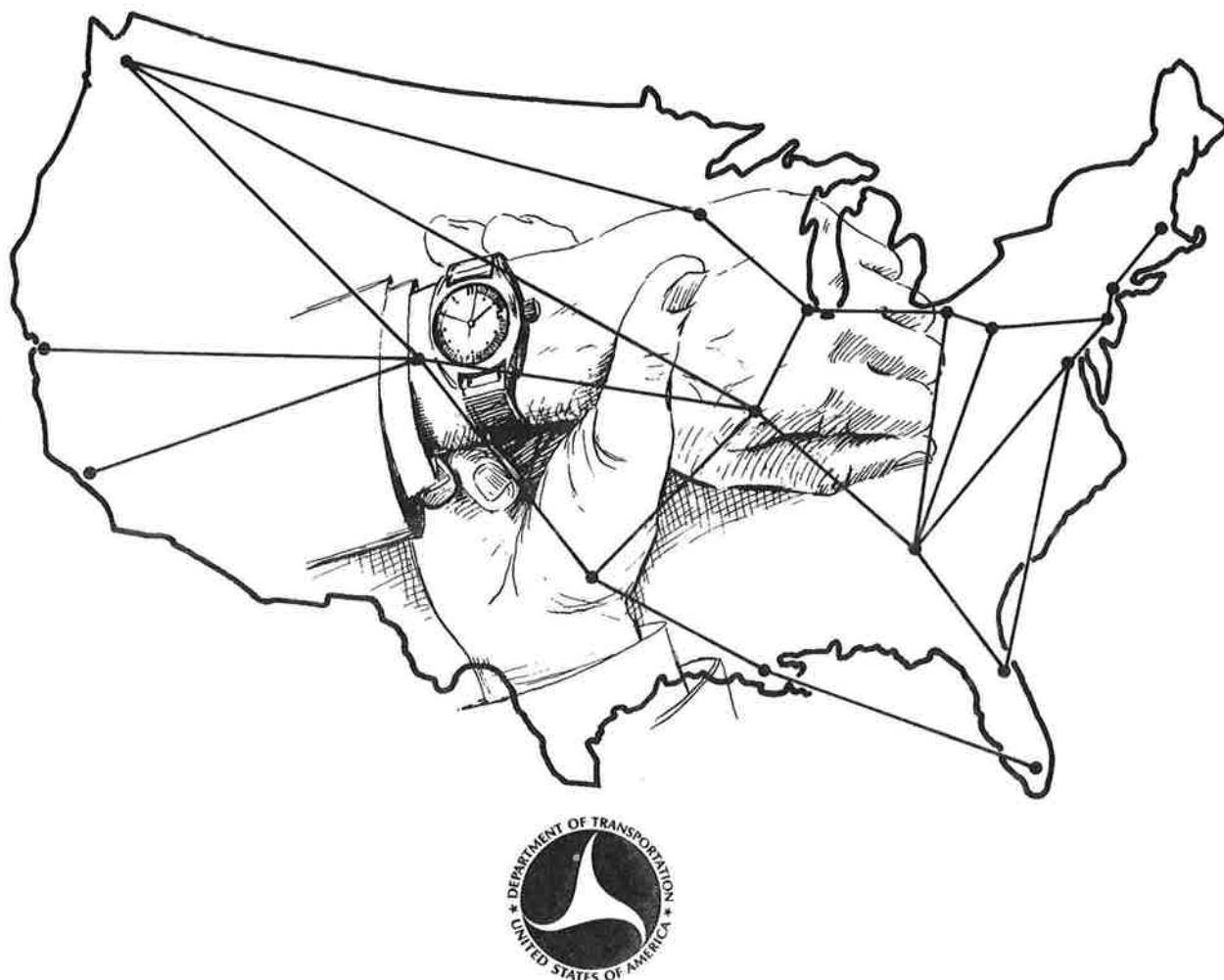


# AIRLINE DELAY TRENDS 1973-1974

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



July 1976  
ANNUAL REPORT

DOCUMENT IS AVAILABLE TO THE U.S. PUBLIC  
THROUGH THE NATIONAL TECHNICAL  
INFORMATION SERVICE, SPRINGFIELD,  
VIRGINIA 22161

*Prepared for*

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
OFFICE OF SYSTEMS ENGINEERING MANAGEMENT  
WASHINGTON D C 20591



**Technical Report Documentation Page**

1. Report No. FAA-EM-76-8	2. Government Accession No.	3. Recipient's Catalog No.
4. Title and Subtitle <b>AIRLINE DELAY TRENDS, 1973-1974 A STUDY OF BLOCK TIME DELAYS, GROUND AND AIRBORNE, FOR SCHEDULED AIR CARRIERS</b>		5. Report Date July 1976
7. Author(s) Helen M. Condell, Seymour M. Horowitz, Alan S. Kaprelian		6. Performing Organization Code
9. Performing Organization Name and Address U.S. Department of Transportation Transportation Systems Center Kendall Square Cambridge MA 02142		8. Performing Organization Report No. DOT-TSC-FAA-76-24
12. Sponsoring Agency Name and Address U.S. Department of Transportation Federal Aviation Administration Office of Systems Engineering Management Washington DC 20591		10. Work Unit No. (TRAIS) FA-T40/R6169T
15. Supplementary Notes Reference: Airline Delay Trends, 1972-1973 Report No. EM-74-11, Volume I		11. Contract or Grant No.
16. Abstract <p>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 twenty-five route segments connecting the twenty airports included in the study.</p> <p>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 1973-1974. Average monthly estimates of delays for the airborne portion of the segment ("wheels 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).</p>		
17. Key Words Measures of System Performances Route Segment Delay: Block Delay Airborne Delay Ground Delay	18. Distribution Statement DOCUMENT IS AVAILABLE TO THE U.S. PUBLIC THROUGH THE NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA 22161	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 462
22. Price		

METRIC CONVERSION FACTORS

Approximate Conversions to Metric Measures			
Symbol	When You Know	Multiply by	To Find
			<u>LENGTH</u>
in	inches	2.5	centimeter
ft	feet	30	centimeters
yd	yards	0.9	meters
mi	miles	1.6	kilometers
			<u>AREA</u>
$in^2$	square inches	6.5	square centimeters
$ft^2$	square feet	0.029	square meters
$yd^2$	square yards	0.8	square meters
$mi^2$	square miles	2.6	square kilometers
	acres	0.4	hectares
			<u>MASS (weight)</u>
oz	ounces	.28	grams
lb	pounds	0.45	kilograms
	short tons (2000 lb)	0.9	tonnes
			<u>VOLUME</u>
tsip	teaspoons	5	milliliters
Thsp	tablespoons	15	milliliters
fl oz	fluid ounces	30	milliliters
c	cups	0.24	liters
pt	pints	0.47	liters
qt	quarts	0.95	liters
gal	gallons	3.8	cubic meters
	cubic feet	0.03	cubic meters
	cubic yards	0.76	cubic meters
			<u>TEMPERATURE (exact)</u>
$^{\circ}\text{F}$	Fahrenheit temperature	$\frac{5}{9}(\text{after subtracting } 32)$	Celsius temperature

Approximate Conversions from Metric Measures

## PREFACE

The 1976 edition of Airline Delay Trends is essentially an updated version of the report Airline Delay Trends, 1972-1973 published in FY1975 by the FAA Office of Systems Engineering and Development. Arrangements were made in FY1976 to transfer all statistical models and computer programs developed by the initial study effort to the computer facilities of the Department of Transportation, Transportation Systems Center located in Cambridge, Massachusetts.

The tables and graphs produced at TSC and presented in this document provide an estimate of block time delays for the nation's domestic scheduled air carriers. The data were derived by using a comprehensive airline data base, the CAB ER-586 Service Segment data. This data base provides continuous and consistent monthly totals of operational block times, for both the airborne and ground components of all route segments flown in scheduled service. The level of detail of the trends in airline delays determined by the CAB data files was further enhanced by combining the files with data available from two other sources - the Official Airline Guide data (OAG) and the Port Authority of New York/New Jersey ground time data.

The average monthly estimates of delays provided in this report cover the two-year period, 1973 and 1974. The level of detail of delay times, made available from the CAB data files, and augmented by the OAG and Port Authority data is categorized according to:

- (1) Route segment; airborne and ground
- (2) Airborne and ground time by direction - departure and arrival
- (3) Airline
- (4) Aircraft type
- (5) Scheduled arrival or departure time
- (6) Scheduled time interval - "busy" and "dull"

Average monthly estimates of delays for the ground portion of the route segment are categorized according to arrival and departure times at the 20 specific airport locations connecting the network of 329 routes included in the study. Estimates of arrival and departure ground delays are further categorized into "busy" and "dull" time intervals.

A supplement to this report has been prepared which describes the data bases, statistical models, and methodology used in the study to produce the delay estimates. It is essentially a condensed version of Volume I of the original report (FAA Report No. EM-74-11), and should be read by those unfamiliar with the study before interpretation of the delay data presented within is attempted. The 1973-1974 delay document includes a complete graphical display of delays at the 20 airports and the 50 most active route segments, as well as tabular presentations of summary data for the entire list of 329 route segments. The 1973-1974 data revealed that the top 50 route segments for this two-year period differed slightly from the top 50 presented in the original document. For the sake of comparison and time series analysis the new report gives the data for the same 50 segments which were most active in 1972 and 1973.

The reader should note that the new report differs slightly from the original in that Dallas/Love Field (DAL) is no longer included in the list of 20 airports, and has been replaced by the new Dallas/Fort Worth (DFW) airport. Therefore, apparent discrepancies between the 1973 data presented in both reports are explained by the fact that the newer document excludes all 1973 data involving route segments with Dallas as either an origin or a destination. For example, page 401 of the 1972-1973 report presents a table of average yearly air, block, and ground times for all route segments arriving at Atlanta. It shows 57,672 as the total number of flights into Atlanta, with the Dallas-to-Atlanta route segment accounting for 5065 of the flights. Because the 1973-1974 report omits all flights leaving Dallas, the corresponding table of the new report will show 52,607 flights, which is the difference between 57,672 (ALL $\rightarrow$ ATL) and 5605 (DAL $\rightarrow$ ATL); page 368 of this report verifies this number.

Several other modifications have been made in the new version of the document. Section G-III of the original report, composed of tables and charts of airborne and ground delays by scheduled departure hour, has been eliminated. Also, what was Section G-V/4, now Chapter IV-5, has been altered to give hourly distributions of airborne delays for flights arriving at each of the study airports, computed with yearly averages, for 1973 and 1974, as opposed to the November averages reported in the earlier report.

## TABLE OF CONTENTS

	Page
Table A                    Major Airports and Air Carriers Included in Study.....	1
Table B                    Top 50 U.S. Route Segments .....	2-4
<i>Chapter I.</i> <i>Airborne Delays</i> .....	5
Tables and Figures I-1-1 to I-1-50 Airborne Delays by Month; for 1973 and 1974, Averages for Busy vs. Dull Intervals for 50 Route Segments	
Table and Figure I-1-1 Atlanta to Dallas/Fort Worth ....	6 and 7
Table and Figure I-1-2 Atlanta to Miami .....	8 and 9
Table and Figure I-1-3 Atlanta to Chicago .....	10 and 11
Table and Figure I-1-4 Boston to Washington .....	12 and 13
Table and Figure I-1-5 Boston to Newark .....	14 and 15
Table and Figure I-1-6 Boston to New York (JFK) .....	16 and 17
Table and Figure I-1-7 Boston to New York (La Guardia) .	18 and 19
Table and Figure I-1-8 Boston to Philadelphia .....	20 and 21
Table and Figure I-1-9 Cleveland to Detroit .....	22 and 23
Table and Figure I-1-10 Washington to Boston .....	24 and 25
Table and Figure I-1-11 Washington to New York (La Guardia) .....	26 and 27
Table and Figure I-1-12 Washington to Chicago .....	28 and 29
Table and Figure I-1-13 Denver to Chicago .....	30 and 31
Table and Figure I-1-14 Dallas/Fort Worth to Atlanta ....	32 and 33
Table and Figure I-1-15 Detroit to New York (La Guardia).	34 and 35
Table and Figure I-1-16 Detroit to Chicago .....	36 and 37
Table and Figure I-1-17 Newark to Boston .....	38 and 39
Table and Figure I-1-18 Newark to Chicago .....	40 to 41

## TABLE OF CONTENTS (CONTINUED)

	Page
Table and Figure I-1-19 New York (JFK) to Boston .....	42 and 43
Table and Figure I-1-20 New York (JFK) to Miami .....	44 and 45
Table and Figure I-1-21 Los Angeles to Chicago .....	46 and 47
Table and Figure I-1-22 Los Angeles to San Francisco ....	48 and 49
Table and Figure I-1-23 New York (La Guardia) to Boston .	50 and 51
Table and Figure I-1-24 New York (La Guardia) to Washington .....	52 and 53
Table and Figure I-1-25 New York (La Guardia) to Detroit.	54 and 55
Table and Figure I-1-26 New York (La Guardia) to Chicago.	56 and 57
Table and Figure I-1-27 Miami to Atlanta .....	58 and 59
Table and Figure I-1-28 Miami to New York (JFK) .....	60 and 61
Table and Figure I-1-29 Minneapolis/St. Paul to Chicago .	62 and 63
Table and Figure I-1-30 Chicago to Atlanta .....	64 and 65
Table and Figure I-1-31 Chicago to Boston .....	66 and 67
Table and Figure I-1-32 Chicago to Washington .....	68 and 69
Table and Figure I-1-33 Chicago to Denver .....	70 and 71
Table and Figure I-1-34 Chicago to Detroit .....	72 and 73
Table and Figure I-1-35 Chicago to Newark .....	74 and 75
Table and Figure I-1-36 Chicago to Los Angeles .....	76 and 77
Table and Figure I-1-37 Chicago to New York (La Guardia).	78 and 79
Table and Figure I-1-38 Chicago to Minneapolis/St. Paul .	80 and 81
Table and Figure I-1-39 Chicago to Pittsburgh .....	82 and 83
Table and Figure I-1-40 Chicago to San Francisco .....	84 and 85
Table and Figure I-1-41 Chicago to St. Louis .....	86 and 87
Table and Figure I-1-42 Philadelphia to Boston .....	88 and 89

## TABLE OF CONTENTS (CONTINUED)

	Page
Table and Figure I-1-43 Philadelphia to Pittsburgh .....	90 and 91
Table and Figure I-1-44 Pittsburgh to Chicago .....	92 and 93
Table and Figure I-1-45 Pittsburgh to Philadelphia .....	94 and 95
Table and Figure I-1-46 Seattle to San Francisco .....	96 and 97
Table and Figure I-1-47 San Francisco to Los Angeles ....	98 and 99
Table and Figure I-1-48 San Francisco to Chicago .....	100 and 101
Table and Figure I-1-49 San Francisco to Seattle .....	102 and 103
Table and Figure I-1-50 St. Louis to Chicago .....	104 and 105
 I-2.      Airborne Times, Delays, and Flight Activity Annual Averages for 1973, Categorized by Route Segment, Airline and Equipment Type, Busy and Dull Time Intervals, 48 Route Segments	
Table I-2-1      Atlanta to Miami .....	107, 108
Table I-2-2      Atlanta to Chicago .....	109
Table I-2-3      Boston to Washington .....	110
Table I-2-4      Boston to Newark .....	111
Table I-2-5      Boston to New York (JFK) .....	112, 113
Table I-2-6      Boston to New York (La Guardia) .....	114
Table I-2-7      Boston to Philadelphia .....	115
Table I-2-8      Cleveland to Detroit .....	116, 117
Table I-2-9      Washington to Boston .....	118
Table I-2-10      Washington to New York (La Guardia) ....	119
Table I-2-11      Washington to Chicago .....	120
Table I-2-12      Denver to Chicago .....	121, 122
Table I-2-13      Detroit to New York (La Guardia) .....	123,
Table I-2-14      Detroit to Chicago .....	124, 125

## TABLE OF CONTENTS (CONTINUED)

	Page	
Table I-2-15	Newark to Boston .....	126
Table I-2-16	Newark to Chicago .....	127
Table I-2-17	New York (JFK) to Boston .....	128, 129
Table I-2-18	New York (JFK) to Miami .....	130, 131
Table I-2-19	Los Angeles to Chicago .....	132, 133
Table I-2-20	Los Angeles to San Francisco .....	134, 135 136
Table I-2-21	New York (La Guardia) to Boston .....	137
Table I-2-22	New York (La Guardia) to Washington ....	138
Table I-2-23	New York (La Guardia) to Detroit .....	139
Table I-2-24	New York (La Guardia) to Chicago .....	140
Table I-2-25	Miami to Atlanta .....	141, 142
Table I-2-26	Miami to New York (JFK) .....	143, 144
Table I-2-27	Minneapolis/St. Paul to Chicago .....	145
Table I-2-28	Chicago to Atlanta .....	146
Table I-2-29	Chicago to Boston .....	147, 148
Table I-2-30	Chicago to Washington .....	149
Table I-2-31	Chicago to Denver .....	150
Table I-2-32	Chicago to Detroit .....	151, 152
Table I-2-33	Chicago to Newark .....	153
Table I-2-34	Chicago to Los Angeles .....	154, 155
Table I-2-35	Chicago to New York (La Guardia) .....	156
Table I-2-36	Chicago to Minneapolis/St. Paul .....	157
Table I-2-37	Chicago to Pittsburgh .....	158
Table I-2-38	Chicago to San Francisco .....	159, 160

## TABLE OF CONTENTS (CONTINUED)

	Page	
Table I-2-39	Chicago to St. Louis .....	161
Table I-2-40	Philadelphia to Boston .....	162, 163
Table I-2-41	Philadelphia to Pittsburgh .....	164
Table I-2-42	Pittsburgh to Chicago .....	165
Table I-2-43	Pittsburgh to Philadelphia .....	166
Table I-2-44	Seattle to San Francisco .....	167
Table I-2-45	San Francisco to Los Angeles .....	168, 169
Table I-2-46	San Francisco to Chicago .....	170
Table I-2-47	San Francisco to Seattle .....	171
Table I-2-48	St. Louis to Chicago .....	172
Tables I-3-1 to I-3-50	Airborne Times, Delays and Flight Activity; Annual Averages for 1974, Categorized by Route Segment, Airline and Equipment Type, Busy and Dull Time Intervals, 50 Route Segments; Atlanta to Dallas/Fort Worth through St. Louis to Chicago .... 173-235	
Tables I-4-1 to I-4-50	Airborne Times, Delays, and Flight Activity; Annual Averages, 1973 and 1974, Categorized by Route Segment, Airline and Equipment Type, 50 Route Segments; Atlanta to Dallas/Fort Worth through St. Louis to Chicago .... 236-299	
Tables and Figures I-5-1 to I-5-5	Airborne Delays; Cumulative Percentile Distribution 1973 and 1974, 5 Route Segments	
Table and Figure I-5-1	Atlanta to Dallas/Fort Worth ....	300 and 301
Table and Figure I-5-2	Washington to Chicago .....	302 and 303
Table and Figure I-5-3	New York (La Guardia) to Chicago.	304 and 305
Table and Figure I-5-4	Chicago to Los Angeles .....	306 and 307
Table and Figure I-5-5	San Francisco to New York (JFK) .	308 and 309

## TABLE OF CONTENTS (CONTINUED)

	Page
<i>Chapter II.</i> <i>Ground Delays</i> .....	310
Table II-1           Nominal Ground Times at 20 Airports, Departures; Arrivals .....	311
<b>Tables and Figures II-2-1 to II-2-20</b>	
Departure/Arrival Ground Delays, Monthly Averages 1973 and 1974 for Busy and Dull Intervals at 20 Airports	
Table and Figure II-2-1 Atlanta .....	312 and 313
Table and Figure II-2-2 Boston .....	314 and 315
Table and Figure II-2-3 Cleveland .....	316 and 317
Table and Figure II-2-4 Washington .....	318 and 319
Table and Figure II-2-5 Denver .....	320 and 321
Table and Figure II-2-6 Dallas/Fort Worth .....	322 and 323
Table and Figure II-2-7 Detroit .....	324 and 325
Table and Figure II-2-8 Newark .....	326 and 327
Table and Figure II-2-9 New York (JFK) .....	328 and 329
Table and Figure II-2-10 Los Angeles .....	330 and 331
Table and Figure II-2-11 New York (La Guardia) .....	332 and 333
Table and Figure II-2-12 Miami .....	334 and 335
Table and Figure II-2-13 Minneapolis/St. Paul .....	336 and 337
Table and Figure II-2-14 New Orleans .....	338 and 339
Table and Figure II-2-15 Chicago .....	340 and 341
Table and Figure II-2-16 Philadelphia .....	342 and 343
Table and Figure II-2-17 Pittsburgh .....	344 and 345
Table and Figure II-2-18 Seattle .....	346 and 347
Table and Figure II-2-19 San Francisco .....	348 and 349
Table and Figure II-2-20 St. Louis .....	350 and 351

## TABLE OF CONTENTS (CONTINUED)

	Page
<i>Chapter III.</i> <i>Route Segment Delays: Airborne and Ground By Aircraft Type .....</i>	353
<b>Tables and Figures III-1-1 to III-1-5</b>	
<i>Route Segment Delays; Airborne and Ground Quarterly Averages 1973 Through 1974, By Aircraft Type, Five Route Segments</i>	
Table and Figure III-1-1 Atlanta to Dallas/Fort Worth...	354 and 355
Table and Figure III-1-2 Washington to Chicago .....	356 and 357
Table and Figure III-1-3 New York (La Guardia) to Chicago .....	358 and 359
Table and Figure III-1-4 Chicago to Los Angeles .....	360 and 361
Table and Figure III-1-5 San Francisco to New York (JFK) .....	362 and 363
<i>Chapter IV.</i> <i>Summary: Composite Indices and Trend Comparisons for All Delay Categories ...</i>	365
<b>Table and Figure IV.1</b>	
<i>Route Segment Delays: Airborne and Ground Monthly Averages 1973 and 1974. Composite Segment; Average of Top 50 Routes .....</i>	366 and 367
<b>Tables IV-2-1 to IV-2-20</b>	
<i>Airborne Delays and Flight Activity Annual Averages, 1973 and 1974, for All Individual Route Segments Arriving at 20 Designated Airports; Atlanta to St. Louis .....</i>	368-387
<b>Tables IV-3-1 to IV-3-20</b>	
<i>Airborne Delays and Flight Activity, Monthly Averages, 1973 through 1974, for All Route Segments Departing from 20 Designated Airports; Atlanta to St. Louis .....</i>	388-407
<b>Tables IV-4-1 to IV-4-20</b>	
<i>Airborne Delays and Flight Activity, Monthly Averages, 1973 through 1974, for All Summaries of Flights Arriving at 20 Designated Airports; Atlanta to St. Louis .....</i>	408-427

TABLE OF CONTENTS (CONTINUED)

	Page
Tables IV-5-1 to IV-5-20	
Airborne Delays and Flight Activity, Hourly Distributions, 1973 through 1974, for Flights Arriving at 20 Designated Airports; Atlanta to St. Louis.....	428-447



TABLE A MAJOR AIRPORTS AND AIR CARRIERS INCLUDED IN STUDY

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

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

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

TABLE B

## TOP 50 U.S. ROUTE SEGMENTS

FROM	TO	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL	FLIGHTS		AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL
							AIR	GND				
<b>-----1973-----</b>												
ATL	DFW	5010	1:21	0:06	0:18	0:08	4745	1:20	0:05	0:18	0:08	0:05
ATL	MIA	5869	1:30	0:15	0:18	0:05	4424	1:33	0:19	0:18	0:05	0:05
ATL	ORD	6278	1:03	0:04	0:15	0:03	6590	1:04	0:04	0:15	0:03	0:03
BOS	DCA	5309	0:47	0:07	0:16	0:03	3080	0:46	0:06	0:17	0:04	0:04
BOS	EWR	4231	0:41	0:12	0:18	0:02	2893	0:41	0:12	0:18	0:02	0:02
BOS	JFK	11108	0:41	0:09	0:16	0:03	11537	0:42	0:10	0:16	0:03	0:03
BOS	LGA	7597	0:55	0:16	0:14	0:03	6921	0:57	0:15	0:14	0:03	0:03
CLF	DTW	5559	0:27	0:05	0:10	0:00	2938	0:25	0:04	0:10	-0:00	-0:00
DCA	BNA	6608	0:59	0:06	0:16	0:05	6425	0:59	0:06	0:14	0:03	0:03
DCA	LGA	10346	0:45	0:14	0:16	0:03	10767	0:44	0:13	0:15	0:02	0:02
DCA	ORD	8026	1:39	0:17	0:20	0:06	6251	1:44	0:22	0:19	0:05	0:05
DEN	ORD	6815	1:54	0:12	0:16	0:08	5002	1:55	0:13	0:15	0:07	0:07
DFW	ATL	5310	1:14	0:10	0:15	0:03	3152	1:11	0:07	0:13	0:02	0:02
DTW	LGA	7738	0:48	0:09	0:18	0:05	5108	0:49	0:11	0:17	0:04	0:04
EWR	BOS	5118	0:38	0:11	0:16	0:05	2286	0:37	0:13	0:17	0:06	0:06
EWR	ORD	5226	1:53	0:21	0:20	0:06	3281	2:00	0:28	0:20	0:06	0:06

TABLE B (Continued)

TNP 50 U.S. ROUTE SEGMENTS

RDM	TO	FLIGHTS	Avg Air Tme	Avg Gnd Del	Avg Gnd Tme	FLIGHTS	Avg Air Tme	Avg Gnd Del	Avg Gnd Tme
JFK	BOS	4494	0:34	0:13	0:24	0:07	2723	0:34	0:13
JFK	MIA	5713	2:21	0:07	0:22	0:05	3990	2:23	0:09
LAX	IRD	8814	3:23	0:09	0:19	0:05	7166	3:25	0:12
LAX	SFO	17132	0:52	0:05	0:14	0:02	10339	0:52	0:06
LGA	BOS	11351	0:34	0:07	0:20	0:10	11117	0:35	0:06
LGA	DCA	10502	0:45	0:14	0:19	0:08	10632	0:45	0:14
LGA	DTW	5382	1:18	0:05	0:21	0:10	3464	1:18	0:05
LGA	ORD	10987	1:53	0:22	0:27	0:14	7958	1:59	0:28
MIA	ATL	5237	1:29	0:11	0:16	0:05	4173	1:30	0:12
MIA	JFK	5150	2:18	0:11	0:19	0:05	3525	2:19	0:11
MSP	ORD	8326	0:57	0:14	0:17	0:07	5672	0:58	0:16
ORD	ATL	6696	1:23	0:16	0:21	0:08	4831	1:25	0:18
ORD	BOS	4809	1:43	0:08	0:21	0:10	4109	1:43	0:08
ORD	DCA	7633	1:21	0:09	0:19	0:07	5785	1:21	0:09
ORD	DEN	6311	1:58	0:01	0:19	0:08	4940	2:02	0:05
ORD	DTW	7495	0:39	0:08	0:20	0:08	5479	0:38	0:07
ORD	EWR	5026	1:31	0:07	0:21	0:08	3151	1:30	0:07
ORD	LAX	8680	3:39	0:04	0:22	0:10	6573	3:44	0:10
ORD	LGA	10696	1:36	0:10	0:22	0:09	7623	1:35	0:10
ORD	MSP	7935	0:55	0:04	0:19	0:08	5835	0:55	0:05

TABLE B (Continued)

## TNP 50 U.S. ROUTE SEGMENTS

FROM	TO	FLIGHTS	AVERAGE AIR TIME:	AVERAGE AIR DEL.	AVERAGE GND TIME	AVERAGE GND DEL.	1973		1974	
							FLIGHTS	AIR TIME:	AIR DEL.	GND TIME
PIT	PIT	6701	0:58	0:04	0:18	0:07	6308	0:59	0:05	0:19
ORD	SFO	5437	3:54	0:01	0:22	0:10	4191	3:58	0:05	0:22
ORD	STL	6766	0:42	0:05	0:20	0:09	5493	0:43	0:04	0:19
PHL	RNS	6997	0:49	0:13	0:13	0:04	7235	0:50	0:14	0:13
PHL	PIT	6655	0:46	0:02	0:13	0:04	5877	0:49	0:05	0:13
PIT	IND	6589	1:11	0:07	0:14	0:07	6381	1:16	0:12	0:14
PIT	PHL	7104	0:45	0:12	0:11	0:07	6082	0:46	0:13	0:11
SFA	SFO	5493	1:34	0:12	0:11	0:02	2764	1:34	0:12	0:12
SFO	LAX	16101	0:51	0:05	0:16	0:05	9367	0:52	0:06	0:16
SFO	IND	5704	3:34	0:09	0:21	0:08	4491	3:36	0:11	0:21
SFO	SEA	5738	1:29	0:05	0:15	0:03	3121	1:31	0:07	0:14
STL	ORD	6862	0:49	0:11	0:13	0:05	5795	0:55	0:15	0:11

## CHAPTER I. AIRBORNE DELAYS

Chapter I data are divided into five sections:

- Section I-1 presents tables and figures illustrating airborne delays by month for 1973 and 1974 for the 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-1 covers pages 8 to 105.
- Section I-2 is composed of tables showing annual averages of airborne times, delays, and flight activity for 48 route segments during 1973. These data are categorized by route segment, airline, equipment type and time interval (busy or dull). Tables I-2-1 to I-2-48 are on pages 107 to 172.
- Section I-3 shows for the year 1974 the same kind of information that Section I-2 shows for 1973. Fifty route segments are included. The tables are found on pages 173 to 235.
- Section I-4 compares the annual averages of the airborne delays during 1973 and 1974 for 50 route segments. These data are also categorized by route segment, airline, and equipment type. The tables are on pages 236 to 299.
- Section I-5 illustrates, in tables and figures, the cumulative percentile distribution of airborne delays for 1973 and 1974 for five route segments. Section I-5 covers pages 300 to 309.

TABLE I-1-1

AIRLINE DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR ROUTE SEGMENT ATL ==> DFW

		1973		1974				TOTAL	
		#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN		223	0:16	54	0:12	223	0:16	54	0:12
FEB		216	0:12	61	0:08	216	0:12	61	0:08
MAR		208	0:13	60	0:06	208	0:13	60	0:06
APR		335	0:05	51	-0:03	335	0:05	51	-0:03
MAY		299	0:04	29	-0:04	299	0:04	29	-0:04
JUN		302	-0:00	51	-0:04	302	-0:00	51	-0:04
JUL		338	0:04	51	-0:02	338	0:04	51	-0:02
AUG		194	0:08	30	0:01	194	0:08	30	0:01
SEP		130	0:04	26	-0:02	130	0:04	26	-0:02
OCT		547	0:11	29	0:03	347	0:11	29	0:03
NOV		219	0:13	14	0:07	219	0:13	14	0:07
DEC		2811	0:08	396	0:03	2811	0:08	396	0:03
TOTAL									

NOMINAL AIRPORT TIME = 1:35

ALL TIMES ARE IN HOURS AND MINUTES

FIGURE I-1-1

ROUTE SEGMENT ATL TO DFW

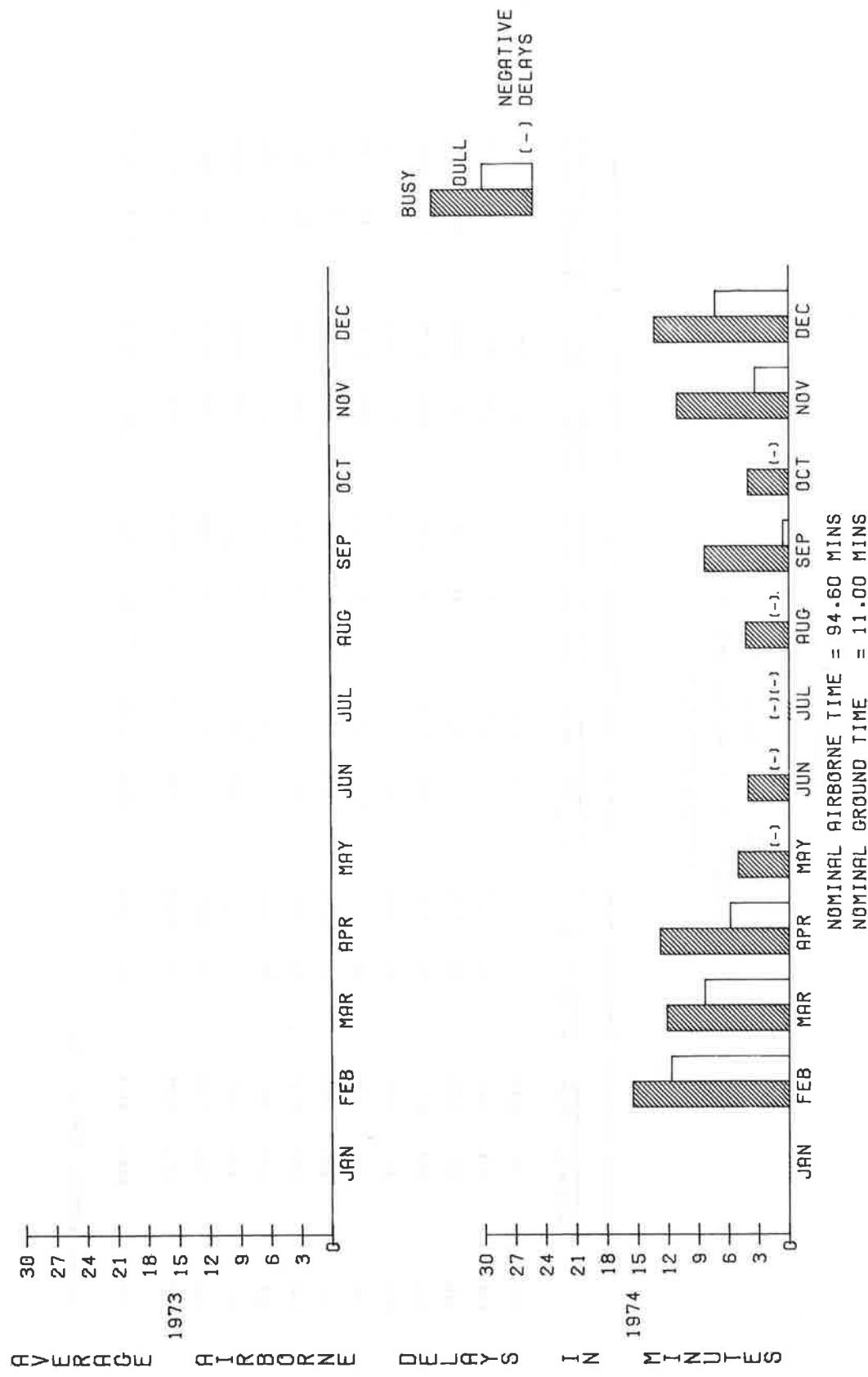


TABLE I-1-2

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR RUSHY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT ATL ==> MIA

	1973			1974			TOTAL		
	#FLIGHTS	RUSHY DELAY	DULL #FLIGHTS DELAY	#FLIGHTS	RUSHY DELAY	DULL #FLIGHTS DELAY	#FLIGHTS	RUSHY DELAY	DULL #FLIGHTS DELAY
JAN	93	0:09		68	0:03		161	0:07	
FEB	273	0:05	81 0:01	335	0:05	27 0:00	608	0:05	108 0:01
MAR	301	0:06	90 0:04	370	0:05	31 -0:02	671	0:05	121 0:03
APR	257	0:06	85 0:05	358	0:05	29 -0:02	615	0:05	114 0:03
MAY	371	0:06	57 0:01	340	0:07	60 0:02	711	0:06	117 0:01
JUN	358	0:08	58 0:02	297	0:08	59 0:04	655	0:06	117 0:03
JUL	308	0:10	32 -0:00	308	0:08	61 0:03	616	0:09	93 0:02
AUG	397	0:09	64 0:02	432	0:08	62 0:04	829	0:09	126 0:03
SEP	277	0:07	30 0:03	330	0:06	33 0:01	607	0:06	63 0:02
OCT	270	0:05		307	0:04	31 -0:00	577	0:05	31 -0:00
NOV	353	0:03	34 -0:01	325	0:05	57 0:00	678	0:04	91 -0:00
DEC	203	0:05	1 -0:03	276	0:05	45 -0:00	479	0:05	46 -0:00
TOTAL	3461	0:07	532 0:02	3746	0:06	495 0:01	7207	0:06	1027 0:02
NOMINAL AIRBORNE TIME =									

NOMINAL AIRBORNE TIME = 1:15

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

FIGURE I-1-2  
ROUTE SEGMENT ATL TO MIA

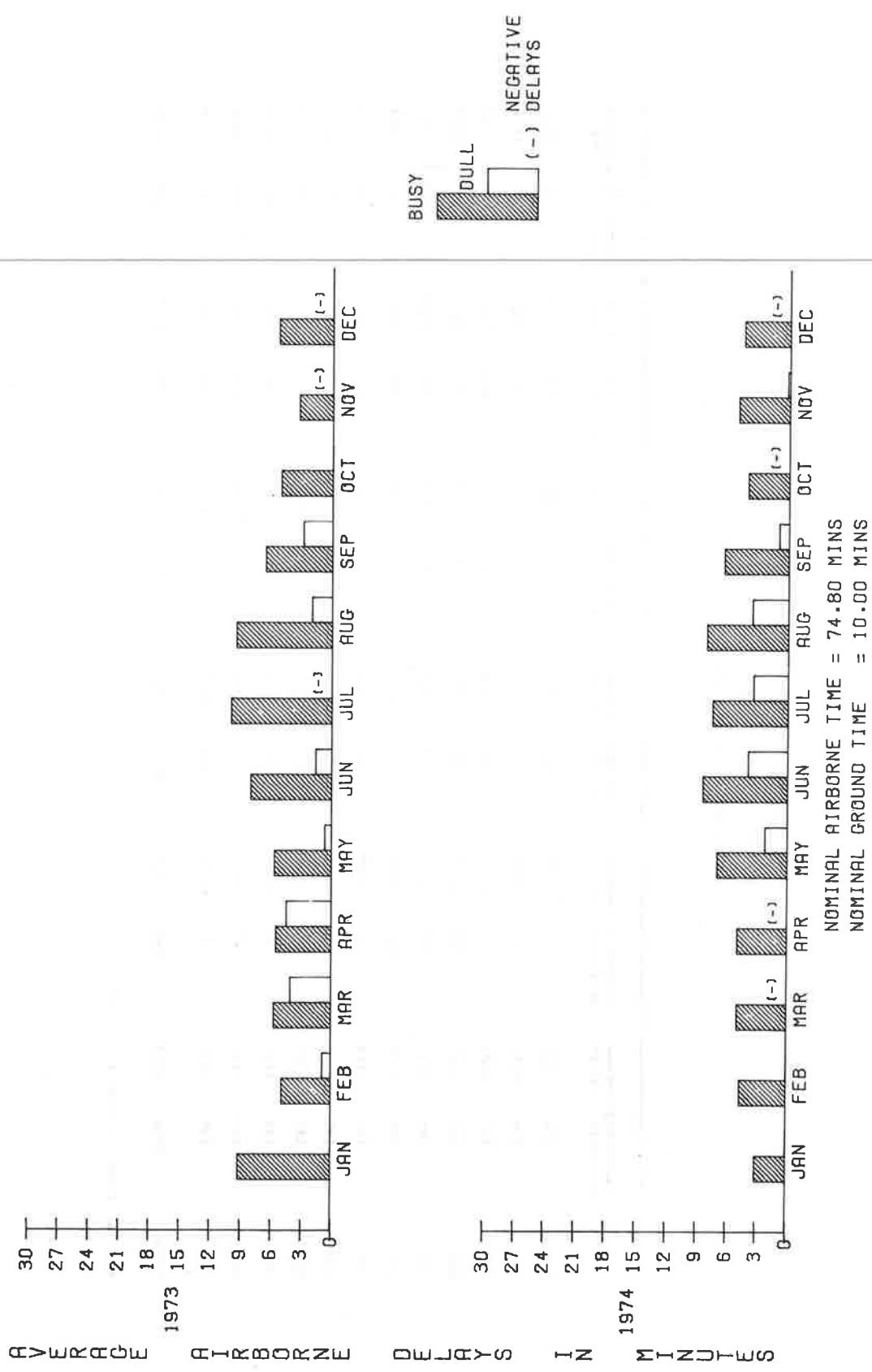


TABLE I-1-3

AIRBORNE DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR PRIOR SEGMENT ATI => MRD

	1975						1976						TOTAL					
	#FLIGHTS			#FLIGHTS			#FLIGHTS			#FLIGHTS			#FLIGHTS			#FLIGHTS		
	BUSY	DELAY	DULL															
JAN	376	0:20	21	0:09	225	0:16	1	0:11	601	0:18	22	0:09						
FEB	324	0:24	94	0:09	265	0:22	55	0:12	589	0:23	149	0:10						
MAR	325	0:22	106	0:08	301	0:21	30	0:09	626	0:22	136	0:09						
APR	318	0:17	98	0:07	265	0:17	30	0:08	583	0:17	128	0:07						
MAY	388	0:14	154	0:10	305	0:20	60	0:13	693	0:17	194	0:11						
JUN	381	0:13	153	0:07	294	0:16	28	0:08	675	0:14	161	0:07						
JUL	390	0:14	71	0:08	303	0:16	31	0:06	693	0:15	102	0:07						
AUG	393	0:13	137	0:07	335	0:24	60	0:10	728	0:18	197	0:08						
SEP	374	0:19	76	0:09	288	0:28	30	0:07	662	0:23	106	0:08						
OCT	390	0:15	74	0:10	308	0:27	30	0:10	698	0:21	104	0:10						
NOV	360	0:14	95	0:11	242	0:19	57	0:11	602	0:16	152	0:11						
DEC	335	0:21	50	0:09	246	0:21	62	0:13	581	0:21	92	0:12						
TOTAL	4354	0:17	1069	0:09	3377	0:21	474	0:10	7731	0:19	1543	0:09						
MINIMAL AIRBORNE TIME =																		

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

FIGURE I-1-3

ROUTE SEGMENT ATL TO ORD

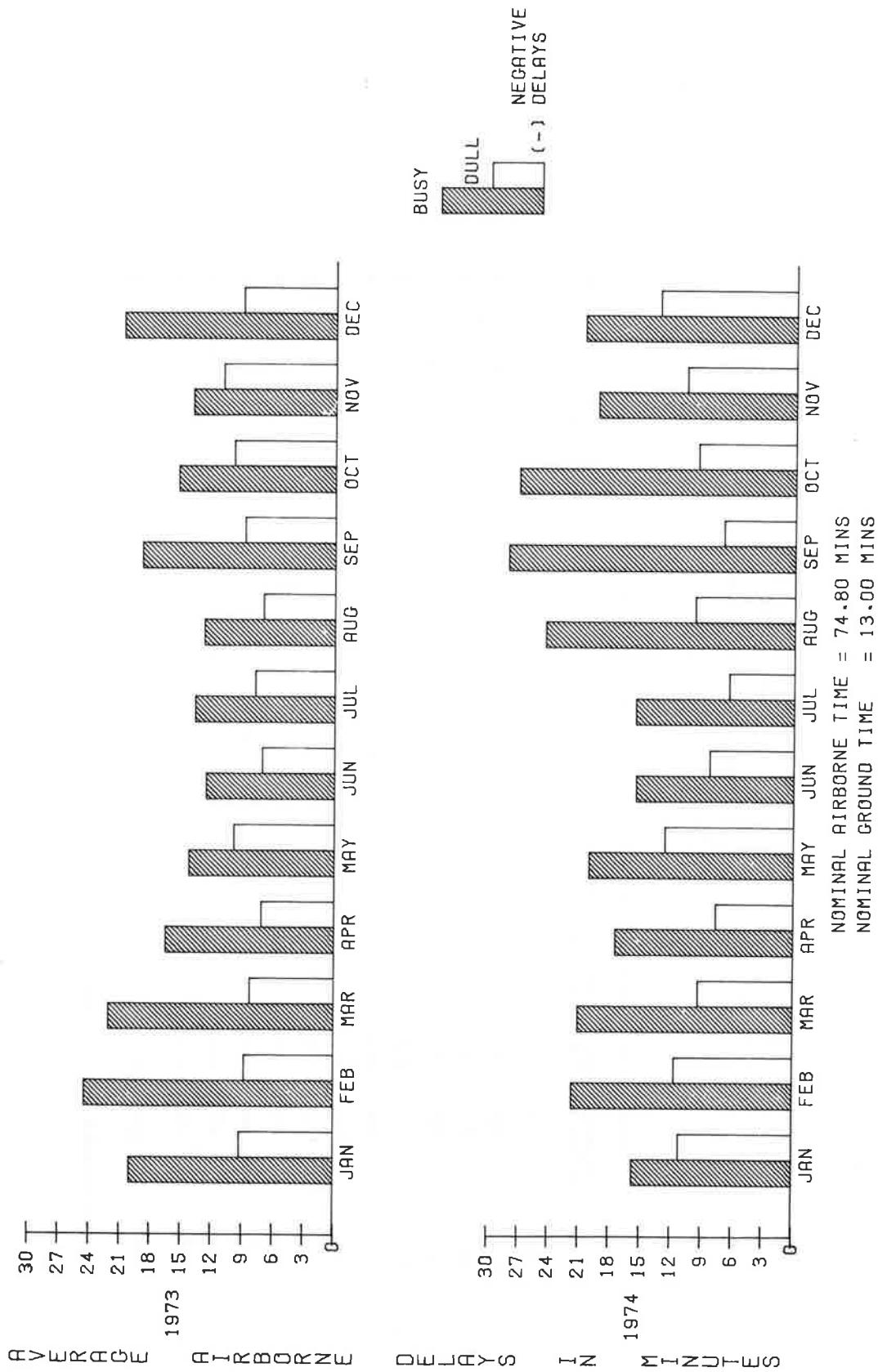


TABLE I-1-4

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FOR RIUTE SEGMENT BOS => DCA

	1973			1974			TOTAL		
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY
JAN	205	0:06		445	0:07		650	0:06	
FEB	469	0:07		500	0:06		969	0:06	
MAR	530	0:04		572	0:05		1102	0:05	
APR	515	0:03		523	0:03		1038	0:03	
MAY	590	0:05		602	0:05		1192	0:04	
JUN	544	0:02		581	0:03		1125	0:03	
JUL	546	0:01		602	0:01		1148	0:01	
AUG	641	0:01		600	0:01		1241	0:01	
SEP	540	0:03		530	0:08		1070	0:05	
OCT	498	0:03		542	0:06		1040	0:05	
NOV	672	0:05		539	0:04		1211	0:04	
DEC	500	0:06		554	0:05		1054	0:05	
TOTAL	6250	0:04		6590	0:04		12840	0:04	

NOMINAL AIRBORNE TIME = 0:59

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

FIGURE I-1-4

ROUTE SEGMENT BOS TO DCA

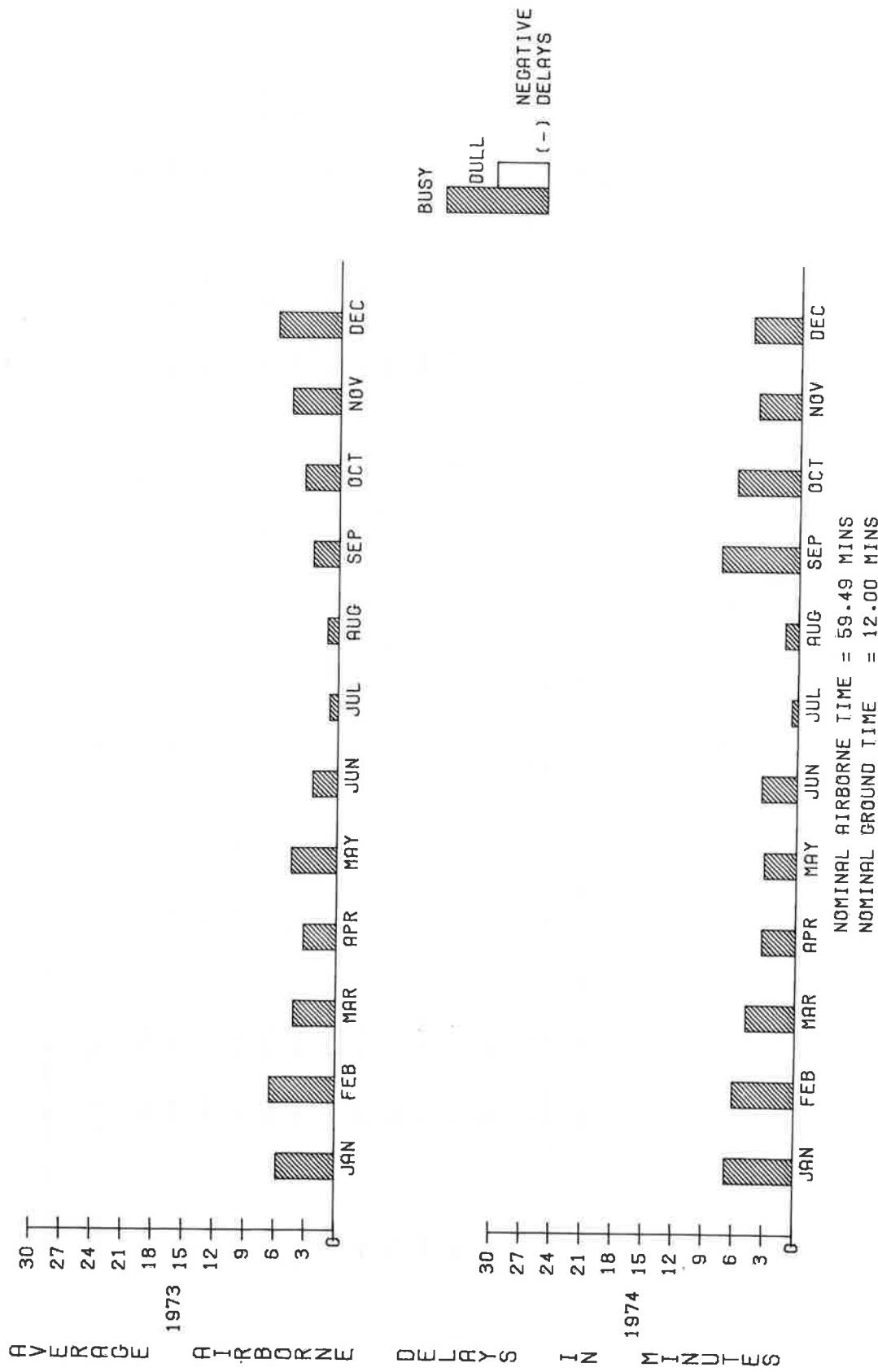


TABLE I-1-5

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT BNS ==> EWR

		1975				1976				TOTAL			
		#FLIGHTS	BUSY	DELAY	DULL	#FLIGHTS	BUSY	DELAY	DULL	#FLIGHTS	BUSY	DELAY	DULL
JAN	493	0:06				77	0:10			570	0:07		
FEB	376	0:10	8	-0:02	218	0:07	28	0:08	594	0:09	36	0:06	
MAR	405	0:09	9	0:01	241	0:06	30	0:05	646	0:08	39	0:04	
APR	419	0:08	9	-0:03	234	0:05	30	0:03	653	0:07	39	0:01	
MAY	453	0:09	31	0:02	259	0:06	31	0:01	712	0:08	62	0:02	
JUN	425	0:09	28	0:01	254	0:06	30	0:03	679	0:08	58	0:02	
JUL	406	0:07	30	0:00	227	0:06	31	0:00	633	0:06	61	0:00	
AUG	410	0:07	29	-0:00	260	0:07	61	0:03	670	0:07	90	0:02	
SEP	391	0:08	29	0:01	198	0:08	59	0:06	589	0:08	88	0:04	
OCT	399	0:07	30	0:02	206	0:08	57	0:03	605	0:08	87	0:03	
NOV	401	0:07	58	0:01	276	0:07	53	0:05	677	0:07	111	0:03	
DEC	315	0:08	28	0:01	161	0:07	59	0:06	476	0:08	87	0:05	
TOTAL	4893	0:08	289	0:01	2611	0:07	469	0:04	7504	0:07	758	0:03	
NOMINAL AIRBORNE TIME =													

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

FIGURE I-1-5

ROUTE SEGMENT BOS TO EWR

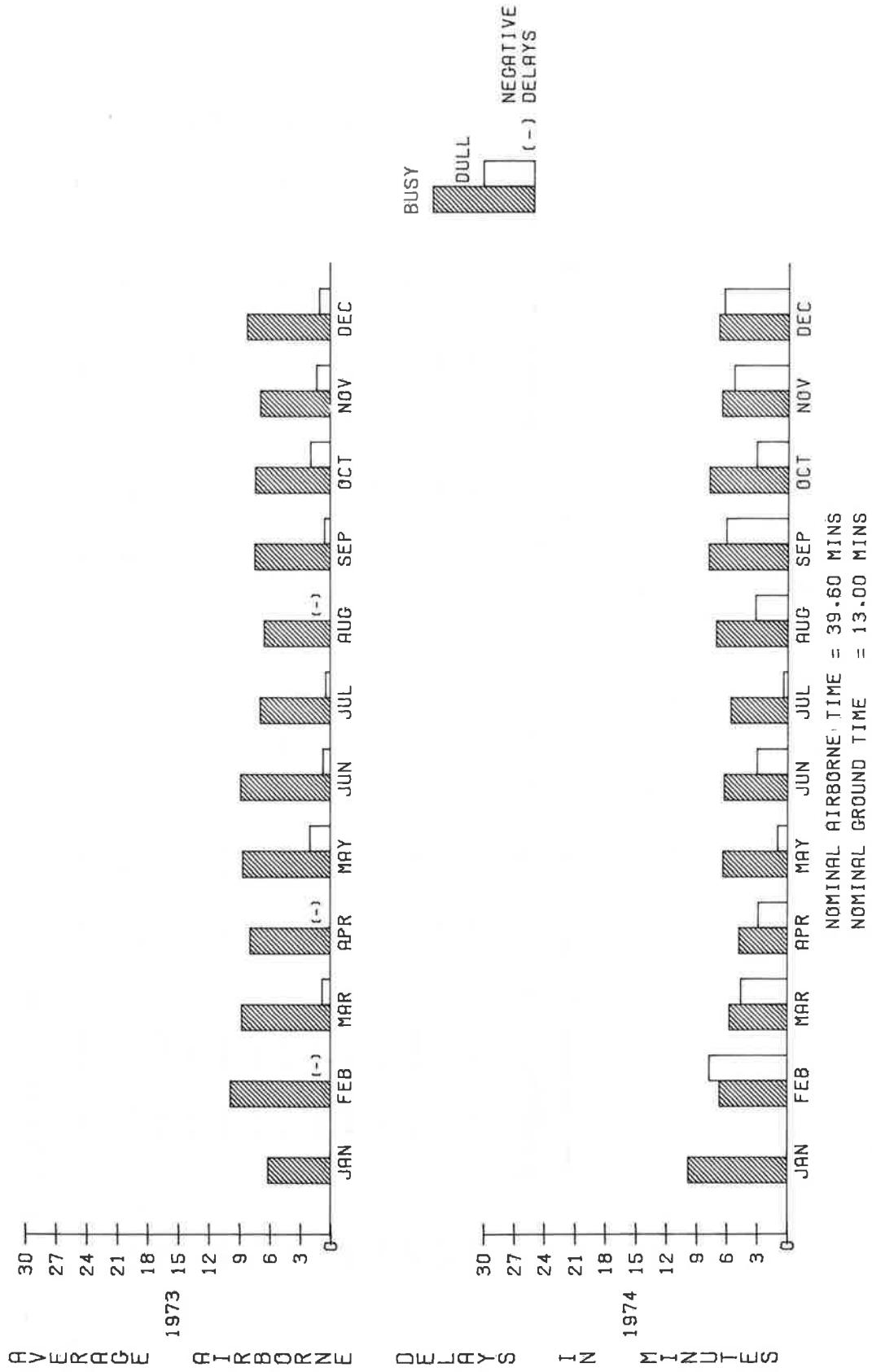


TABLE I-1-6

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

	1973			1974			TOTAL					
	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY			
JAN	73	0:12	69	0:10	185	0:12	6	0:12	258	0:12	75	0:10
FEB	313	0:13	82	0:10	265	0:13	20	0:12	578	0:13	102	0:11
MAR	316	0:14	82	0:11	298	0:12	21	0:10	614	0:13	103	0:11
APR	307	0:13	73	0:09	284	0:11	21	0:09	591	0:12	94	0:09
MAY	341	0:14	103	0:13	211	0:13			552	0:13	103	0:13
JUN	327	0:17	102	0:16	210	0:16			537	0:17	102	0:16
JUL	296	0:14	81	0:08	182	0:12			478	0:13	81	0:08
AUG	406	0:11	83	0:08	236	0:12	44	0:10	642	0:11	127	0:09
SEP	289	0:10	59	0:08	181	0:13	44	0:11	470	0:11	103	0:09
OCT	211	0:10	31	0:07	163	0:11	48	0:10	374	0:10	79	0:09
NOV	274	0:09	33	0:08	176	0:10	72	0:12	450	0:09	105	0:11
DEC	249	0:12	31	0:10	146	0:12	80	0:11	395	0:12	111	0:11
TOTAL	3402	0:12	829	0:10	2537	0:12	356	0:11	5939	0:12	1185	0:11

NOMINAL AIRBORNE TIME = 0:29

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

FIGURE I-6  
ROUTE SEGMENT BOSS TO JFK

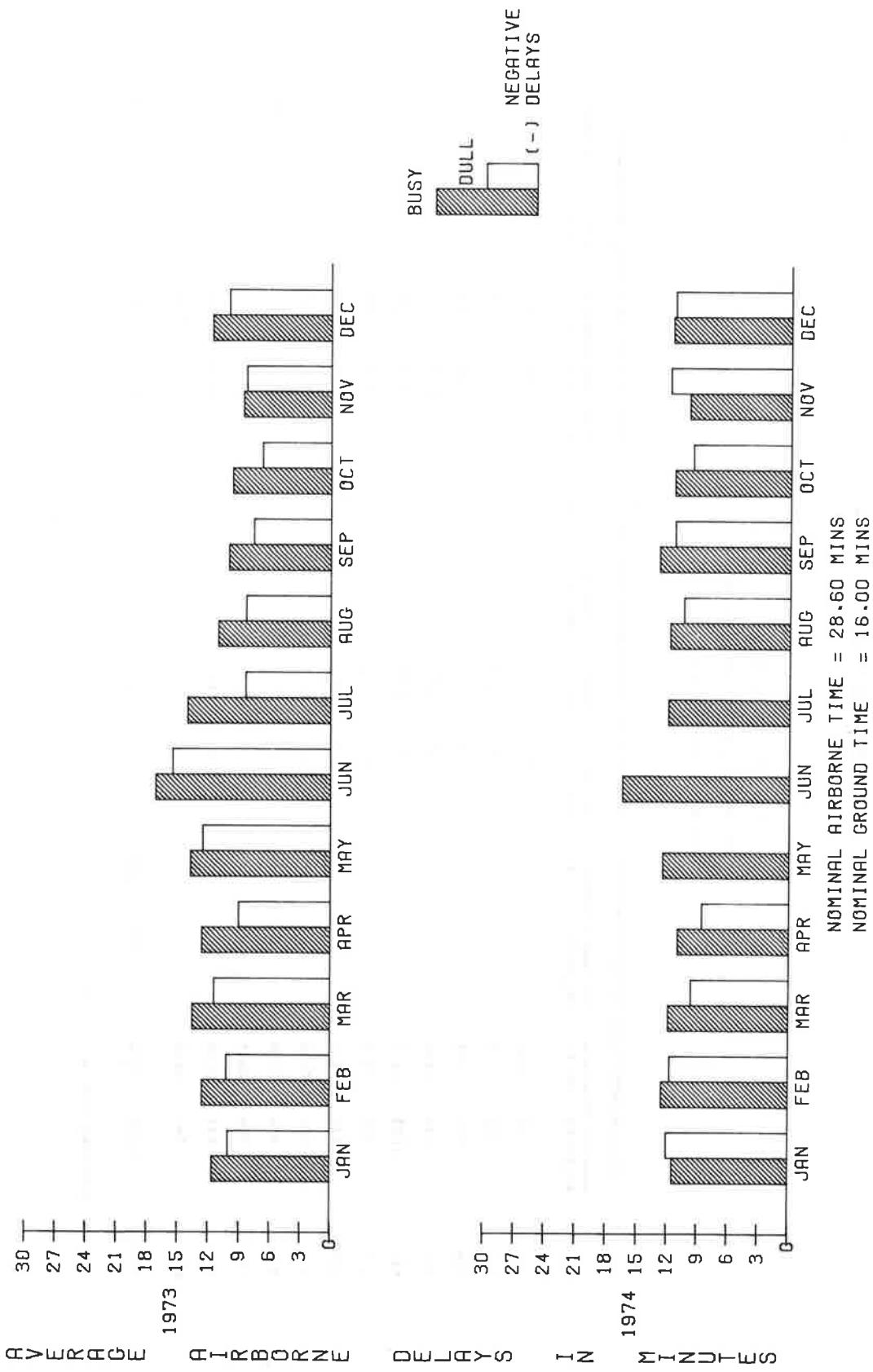


TABLE I-1-7

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

	1973			1974			TOTAL		
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY
JAN	770	0:09		755	0:10		1525	0:10	
FEB	936	0:10		899	0:09		1835	0:10	
MAR	1017	0:13		1014	0:09		2031	0:11	
APR	1039	0:11		1040	0:07		2079	0:09	
MAY	1043	0:11		1052	0:08		2075	0:10	
JUN	845	0:09		947	0:10		1792	0:10	
JUL	777	0:07		856	0:10		1653	0:08	
AUG	1004	0:08	29	0:14	1068	0:10	2072	0:09	29
SEP	936	0:08	29	0:02	981	0:14	1917	0:11	29
OCT	959	0:07		1045	0:11		2004	0:09	
NOV	933	0:08		960	0:11		1893	0:09	
DEC	791	0:10		940	0:09		1731	0:09	
TOTAL	11050	0:09	58	0:08	11537	0:10	22587	0:10	58
NOMINAL AIRBORNE TIME =									0:08

NOMINAL AIRBORNE TIME = 0:32

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

FIGURE I-1-7

## ROUTE SEGMENT BOSS TO LGA

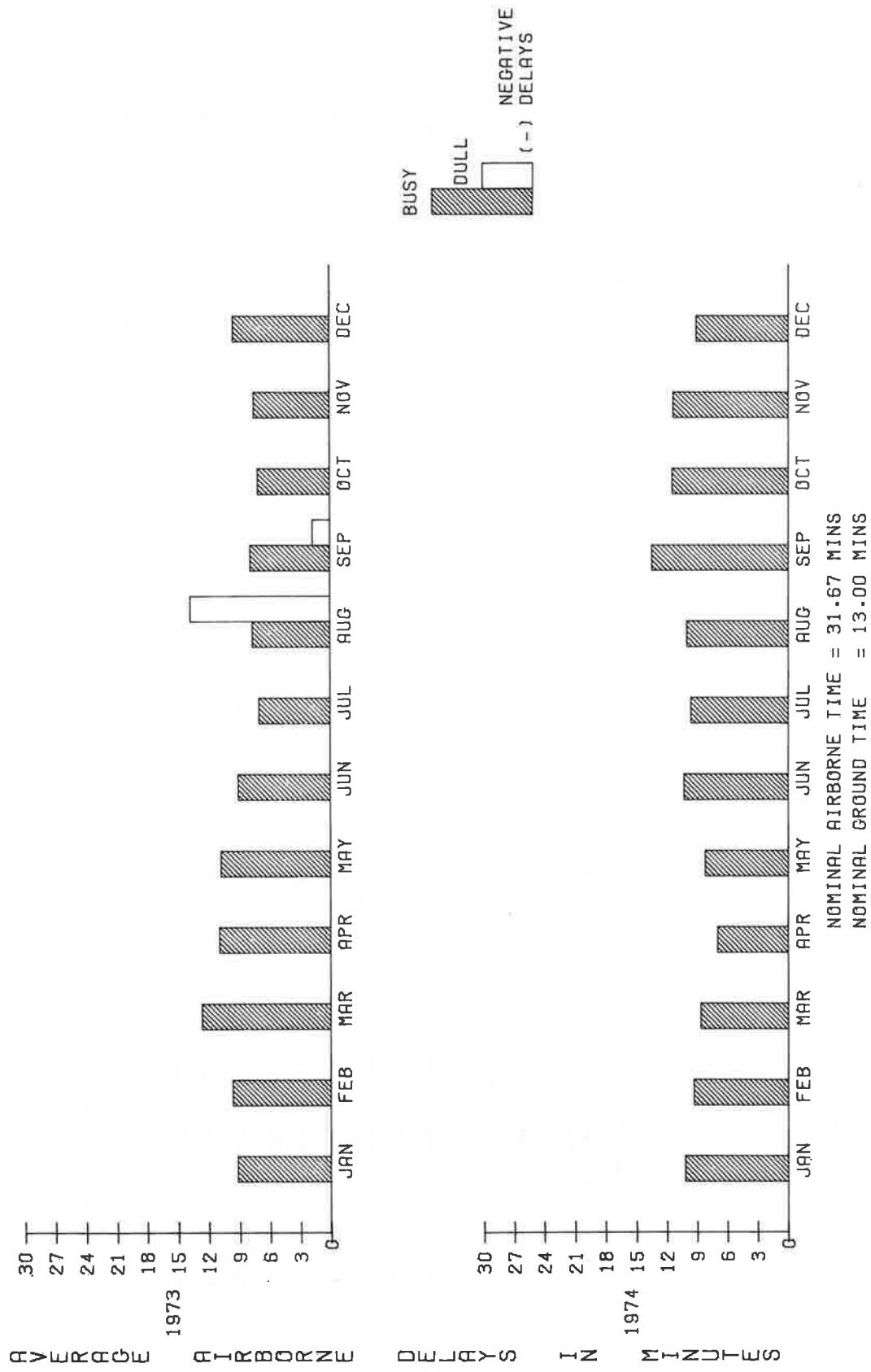


TABLE I-1-8

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR HUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT BIS => PHL

	1973			1974			T O - A L			
	#FLIGHTS	DELAY	#FLIGHTS	#FLIGHTS	DELAY	#FLIGHTS	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	499	0:15	22	0:13	260	0:17			759	0:16
FEB	569	0:16	20	0:15	451	0:18	27	0:13	1020	0:17
MAR	616	0:16	21	0:14	306	0:15			922	0:16
APR	606	0:15	21	0:12	298	0:13			904	0:14
MAY	608	0:17	20	0:14	586	0:15			1194	0:16
JUN	605	0:18	20	0:12	590	0:14			1195	0:16
JUL	607	0:13	20	0:11	606	0:13			1213	0:13
AUG	632	0:14	22	0:11	793	0:15			1425	0:15
SEP	594	0:16	18	0:13	730	0:15			1324	0:16
OCT	392	0:15	23	0:11	751	0:13			1143	0:14
NOV	651	0:16	?	0:16	724	0:14			1375	0:15
DEC	538	0:19			686	0:14			1224	0:16
TOTAL	6917	0:16	209	0:12	6781	0:15	27	0:13	13698	0:15
NOMINAL AIRBORNE TIME =									236	0:13
										ALL TIMES ARE IN HOURS AND MINUTES--

FIGURE I-1-8

ROUTE SEGMENT BOS TO PHL

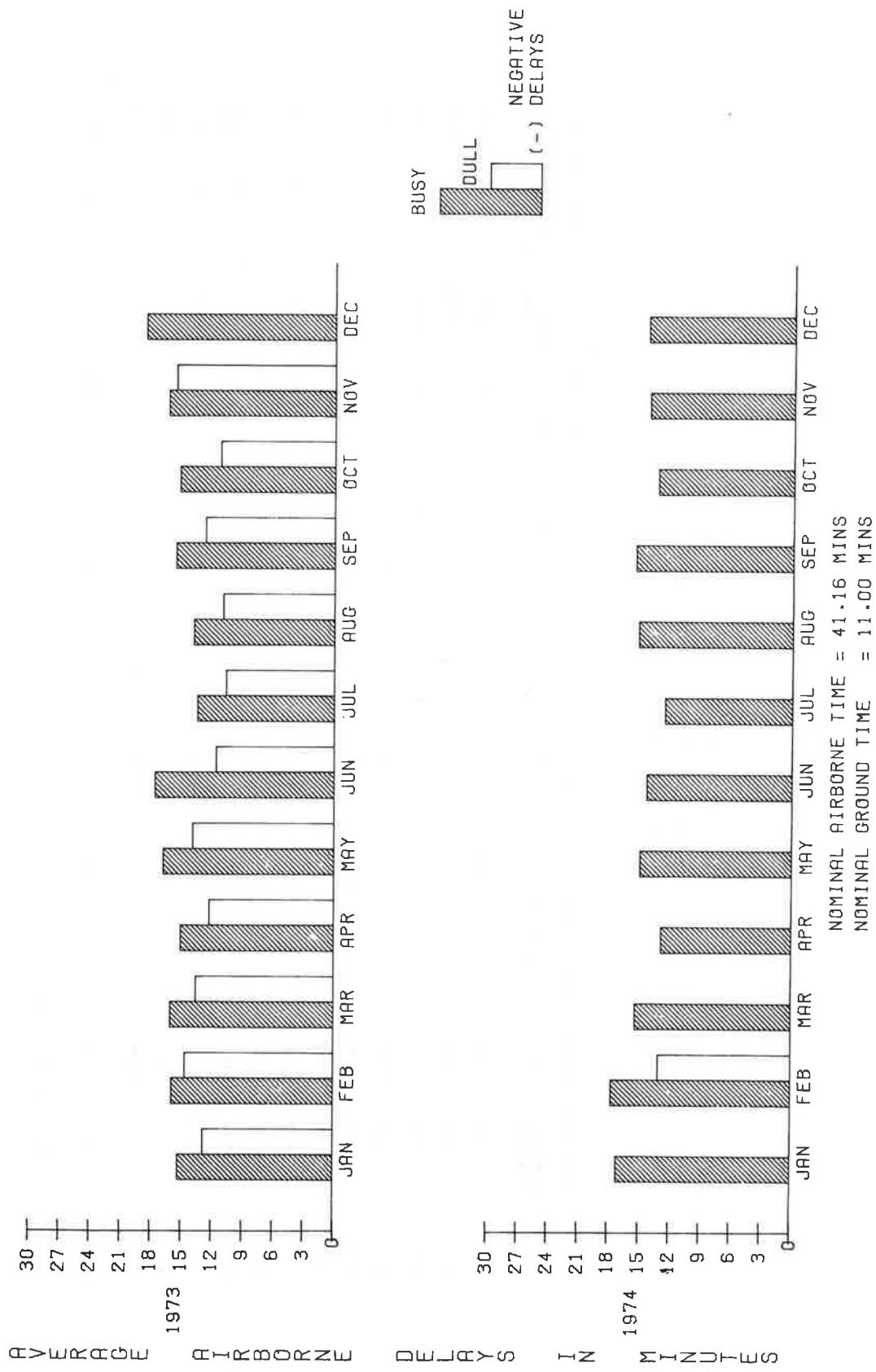


TABLE I-1-9

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

	1973			1974			TOTAL			
	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	
JAN	449	0:06	43	0:06	38	0:04	487	0:05	43	0:06
FEB	439	0:06	58	0:06	266	0:05	41	0:06	705	0:06
MAR	427	0:05	67	0:05	270	0:05	48	0:07	697	0:05
APR	427	0:03	64	0:06	268	0:04	46	0:05	695	0:03
MAY	479	0:05	47	0:06	273	0:04	27	0:05	752	0:05
JUN	444	0:05	46	0:06	240	0:04	25	0:05	684	0:05
JUL	449	0:05	47	0:06	247	0:03	26	0:04	696	0:04
AUG	457	0:05	54	0:06	296	0:04	49	0:04	753	0:05
SEP	383	0:04	44	0:06	266	0:05	44	0:05	649	0:04
OCT	334	0:06	47	0:06	280	0:04	50	0:05	614	0:05
NOV	373	0:06	60	0:07	58	0:03	20	0:05	431	0:05
DEC	280	0:05	41	0:06	43	0:04	17	0:06	323	0:05
TOTAL	4941	0:05	618	0:06	2545	0:04	393	0:05	7486	0:05
NOMINAL AIRBORNE TIME =	0:21									

NOMINAL AIRBORNE TIME = 0:21

\*\*\*ALL TIMES ARE IN HOURS AND MINUTES\*\*\*

FIGURE I-1-9

ROUTE SEGMENT CLE TO DTW

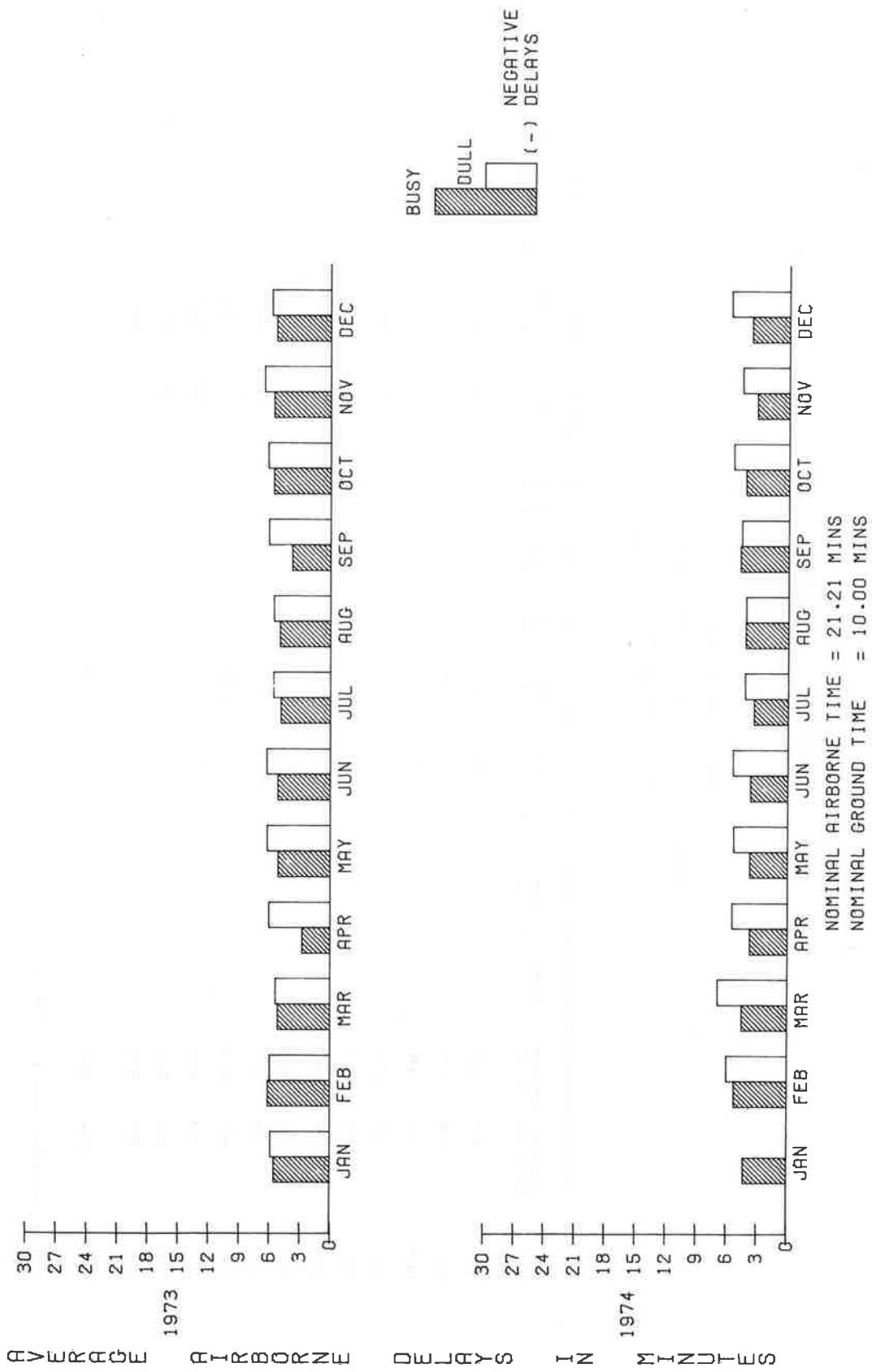


TABLE I-1-10

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FOR RUMBLE SEGMENT DCA => HNS

	1973			1974			TOTAL		
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY
JAN	141	0:05		366	0:05		507	0:05	
FEB	469	0:06		473	0:08		942	0:07	
MAR	521	0:06		504	0:06		1025	0:06	
APR	517	0:05		491	0:05		1008	0:05	
MAY	627	0:05		631	0:07		1258	0:06	
JUN	570	0:08		556	0:07		1126	0:07	
JUL	576	0:06		536	0:06		1112	0:07	
AUG	655	0:07		593	0:07		1248	0:07	
SEP	600	0:06		566	0:06		1166	0:06	
OCT	609	0:07		594	0:06		1203	0:07	
NOV	676	0:05		562	0:05		1238	0:05	
DEC	505	0:06		521	0:06		1026	0:06	
TOTAL	6466	0:06		6393	0:06		12859	0:06	
NOMINAL AIRBORNE TIME =		0:53							

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

FIGURE I-1-10

ROUTE SEGMENT DCA TO BOSS

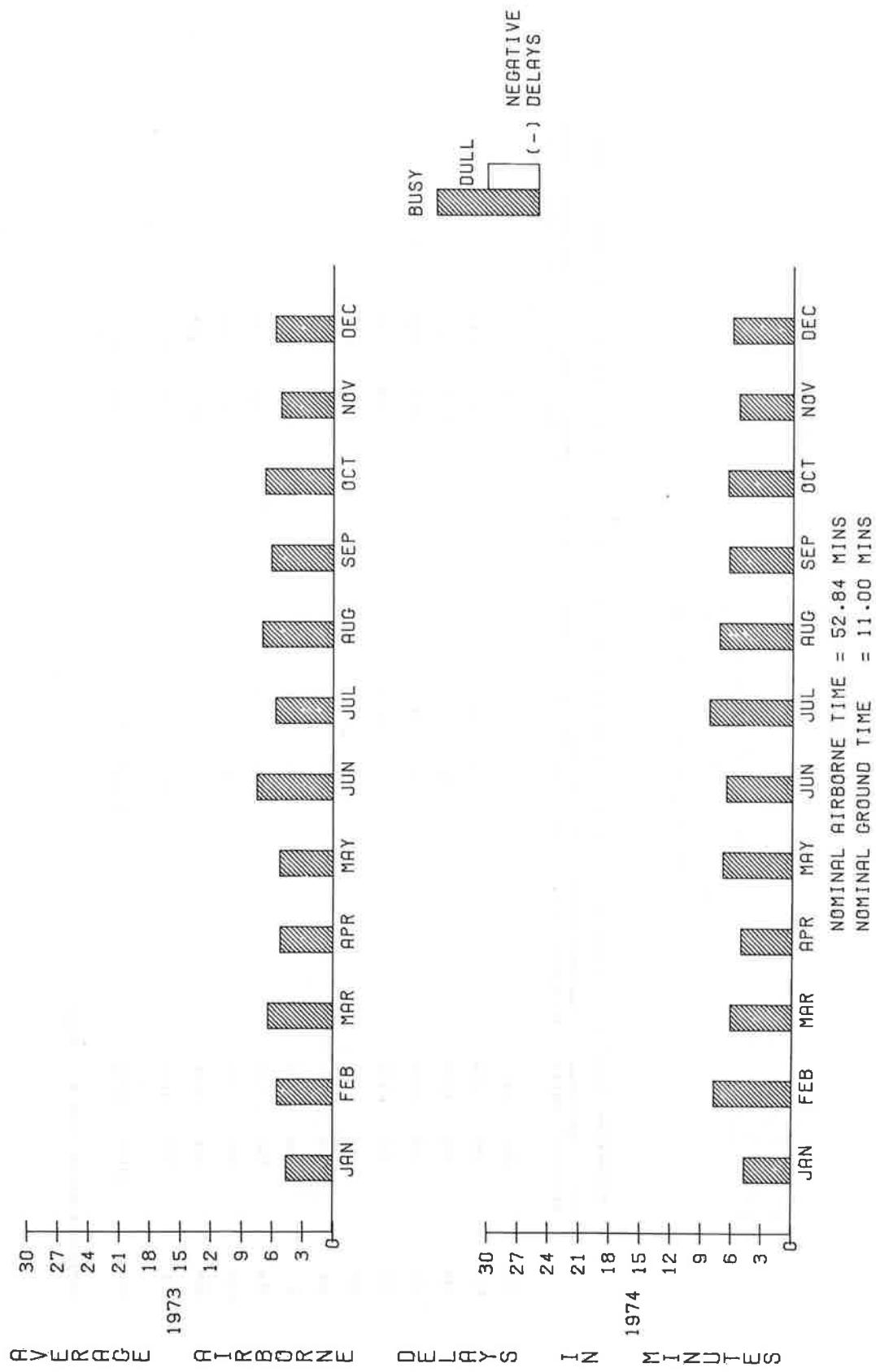


TABLE I-1-11

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

	1973			1974			TOTAL			
	#FLIGHTS	DELAY	DULL	#FLIGHTS	DELAY	HISY	#FLIGHTS	DELAY	DULL	
JAN	656	0:13			752	0:10			1408	0:11
FEB	847	0:14			823	0:12			1670	0:15
MAR	996	0:17			924	0:10			1920	0:14
APR	947	0:15			956	0:11			1903	0:13
MAY	973	0:14			1016	0:12			1989	0:13
JUN	798	0:16			940	0:15			1738	0:15
JUL	760	0:13			863	0:14			1623	0:14
AUG	846	0:15			921	0:15			1767	0:15
SEP	852	0:13			912	0:16			1764	0:15
OCT	932	0:13			975	0:15			1907	0:14
NOV	921	0:11			879	0:16			1806	0:13
DEC	779	0:11			806	0:12			1585	0:11
TOTAL	10307	0:14			10767	0:13			21074	0:14
NOMINAL AIRBORNE TIME =										0:31

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

FIGURE I-1-11  
ROUTE SEGMENT DCA TO LGA

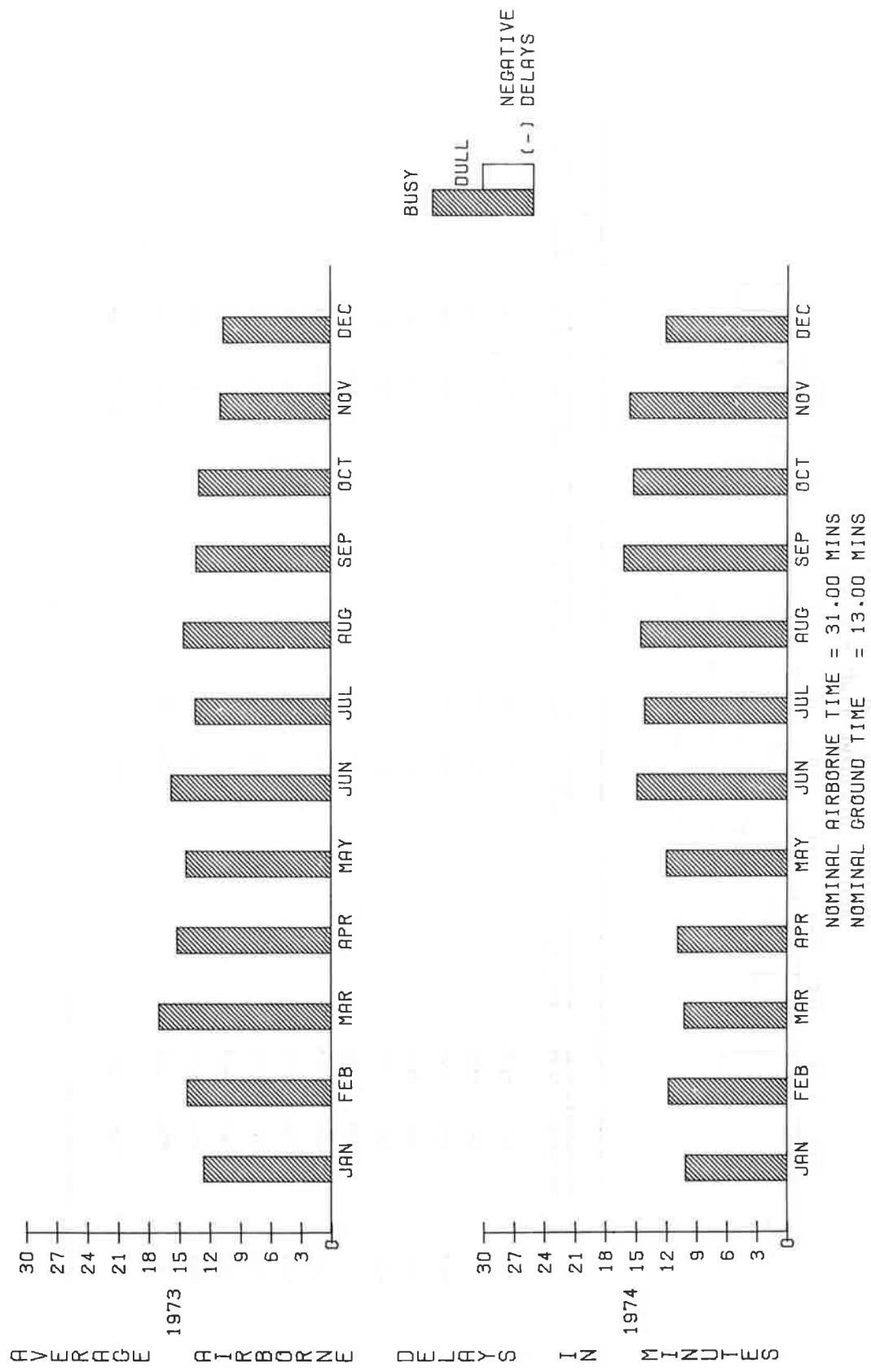


TABLE I-12

AIRBORNE DELAYS BY MONTH  
 AVFLAGGS FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT DCA ==> NPO

	1973			1974			1975			
	#FLIGHTS	DELAY								
JAN	525	0:23			258	0:25			783	0:23
FEB	642	0:24			523	0:24			1165	0:24
MAR	727	0:25			626	0:24			1353	0:24
APR	724	0:17			611	0:18			1335	0:18
MAY	749	0:15			238	0:20			987	0:16
JUN	668	0:12			214	0:16			882	0:15
JUL	658	0:13			205	0:14			863	0:13
AUG	738	0:11			743	0:20			1481	0:15
SEP	695	0:18			691	0:28			1386	0:23
OCT	747	0:15			714	0:26			1461	0:20
NOV	577	0:18			723	0:20			1300	0:19
DEC	576	0:22			705	0:25			1281	0:22
TOTAL	8026	0:17			6251	0:22			14277	0:20

TOTAL AIRBORNE TIME = 1:22

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

FIGURE I-1-12  
ROUTE SEGMENT DCA TO ORD

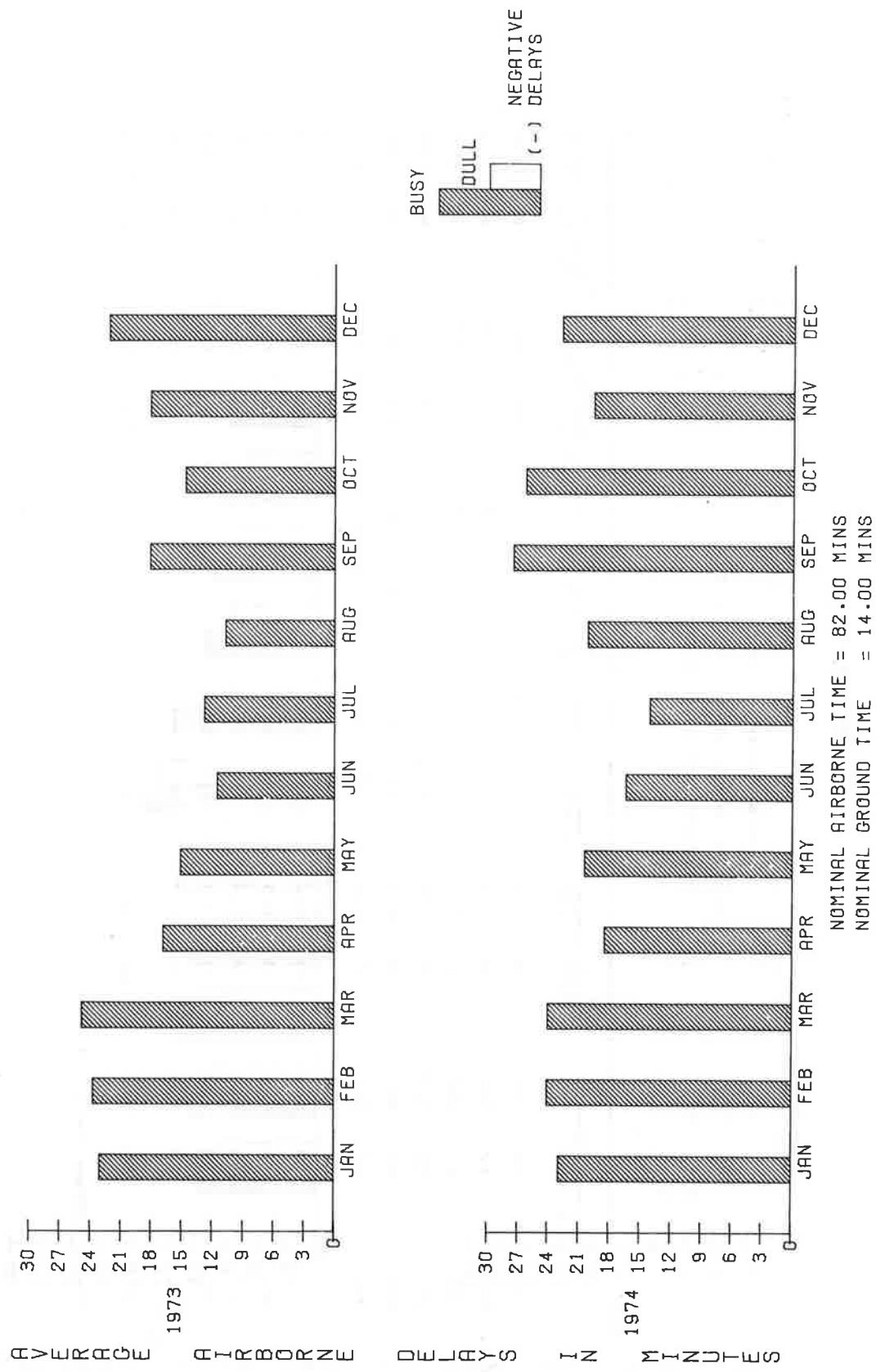


TABLE I-1-13

AIRLINE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FIR ROUTE SEGMENT DFN ==> (IR)

	1973			1974			TOTAL			
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	
JAN	474	0:16	49	0:03	108	0:04	582	0:14	49	0:03
FEB	434	0:19	44	0:05	411	0:13	849	0:16	67	0:05
MAR	493	0:22	47	0:07	435	0:09	27	0:02	928	0:16
APR	464	0:13	47	0:08	413	0:11	21	0:02	877	0:12
MAY	492	0:13	53	0:05	124	0:10	21	0:02	616	0:13
JUN	470	0:11	50	0:05	118	0:14	1	-0:00	588	0:12
JUL	490	0:12	52	0:04	123	0:12	613	0:12	52	0:04
AUG	518	0:11	83	0:06	485	0:19	1005	0:15	83	0:06
SEP	457	0:16	53	0:05	454	0:21	911	0:18	53	0:05
OCT	451	0:17	50	0:04	450	0:23	901	0:18	50	0:04
NOV	345	0:05	20	0:02	439	0:16	784	0:11	20	0:02
DEC	371	0:16	17	0:09	440	0:16	811	0:16	17	0:09
TOTAL	5463	0:14	565	0:05	4000	0:15	93	0:02	9463	0:15
NOMINAL AIRLINE TIME =										1:41

NOMINAL AIRLINE TIME =

1:41

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

ROUTE SEGMENT DEN TO ORD

FIGURE I-1-13

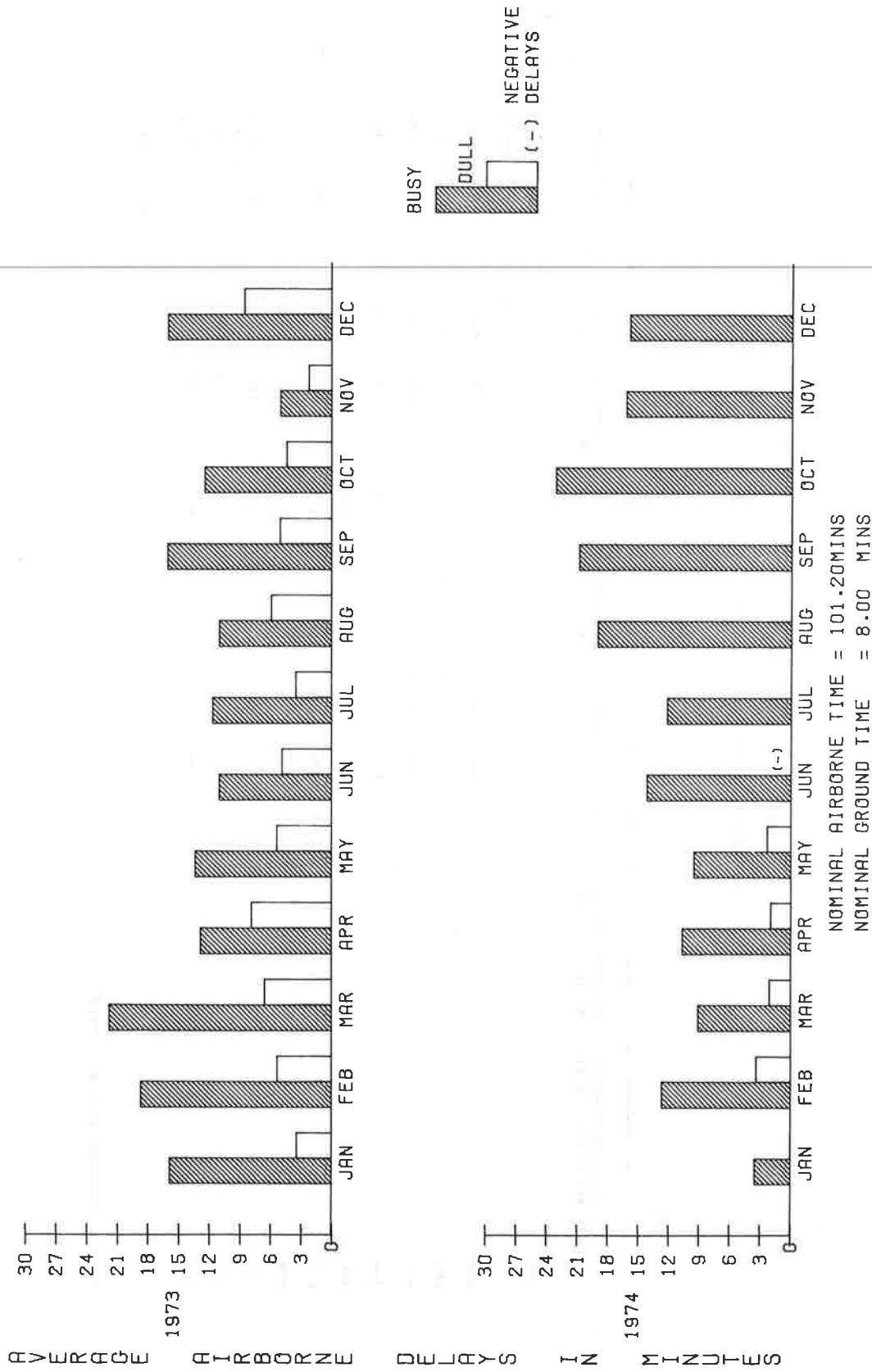


TABLE I-1-14

AIRBORNE DELAYS BY MONTH  
 AVERAGGS FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT DFW ==> ATL

	1973			1974			TOTAL		
	#FLIGHTS	DELAY	BUSY	#FLIGHTS	DELAY	DULL	#FLIGHTS	DELAY	HUSY
JAN	248	0:03	28	-0:02	248	0:03	28	-0:02	28
FEB	245	0:07	31	0:01	245	0:07	31	0:01	31
MAR	239	0:08	30	0:02	239	0:08	30	0:02	30
APR	304	0:15	31	0:05	304	0:13	31	0:05	31
MAY	268	0:14	30	0:08	268	0:14	30	0:08	30
JUN	273	0:18	31	0:08	273	0:18	31	0:08	31
JUL	306	0:15	31	0:06	306	0:15	31	0:06	31
AUG	211	0:12	30	0:04	211	0:12	30	0:04	30
SEP	186	0:10	31	0:05	186	0:10	31	0:05	31
OCT	294	0:07	30	0:01	294	0:07	30	0:01	30
NOV	189	0:05	31	-0:01	189	0:05	31	-0:01	31
DEC	2763	0:10	334	0:03	2763	0:10	354	0:03	354
TOTAL									
NOMINAL AIRBORNE TIME =									1:27

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

FIGURE I-1-14

ROUTE SEGMENT DFW TO ATL

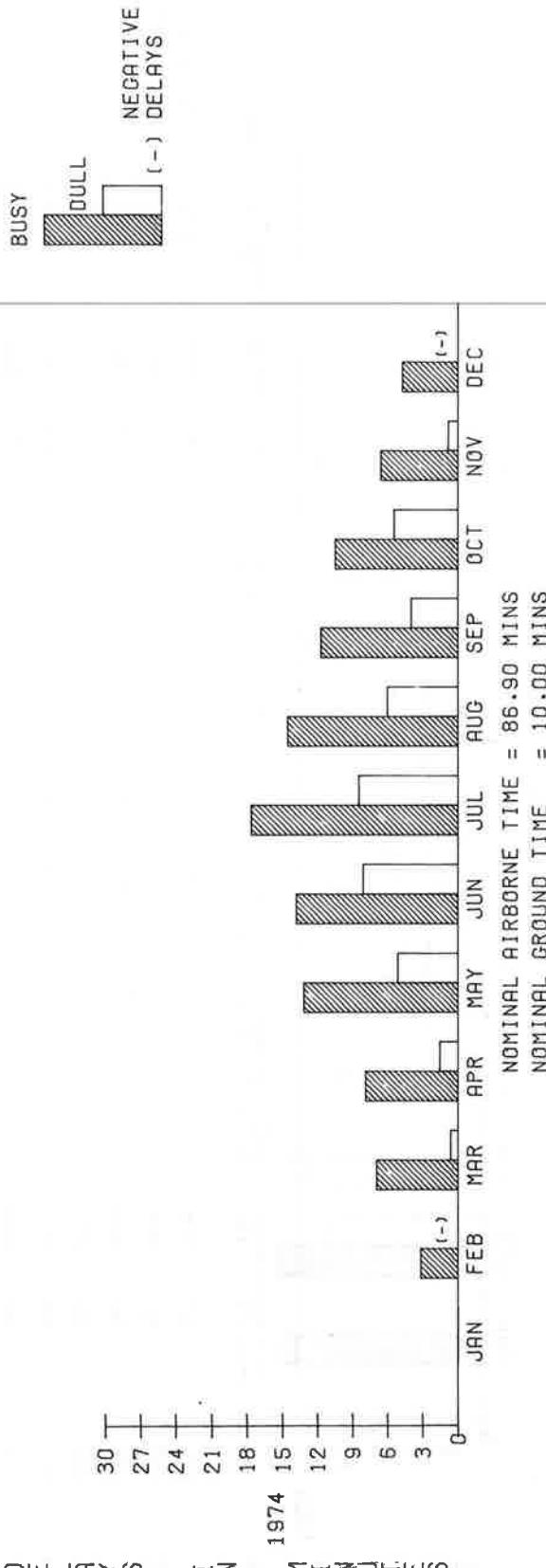
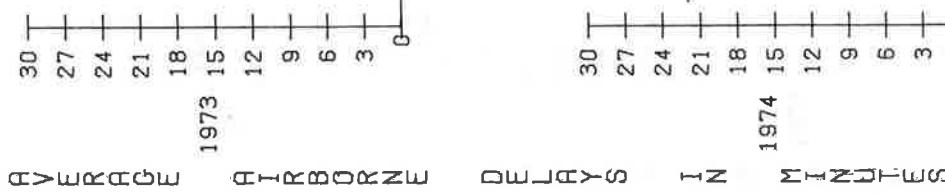


TABLE I-1-15

AIRPORT DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR ROUTE SEGMENT DTW ==> LGA

1973			1974			TOTAL		
	BUSY #FLIGHTS	DELAY		BUSY #FLIGHTS	DELAY		BUSY #FLIGHTS	DELAY
JAN	417	0:08		281	0:04		698	0:06
FEB	524	0:11		269	0:05		793	0:09
MAR	582	0:15		310	0:04		892	0:11
APR	584	0:12		307	0:04		891	0:09
MAY	579	0:11		312	0:07		891	0:10
JUN	286	0:14		244	0:10		530	0:12
JUL	287	0:08		176	0:04		463	0:06
AUG	516	0:11		319	0:12		835	0:11
SEP	456	0:08		226	0:15		682	0:10
OCT	445	0:08		211	0:10		656	0:09
NOV	369	0:03		302	0:09		671	0:08
DEC	265	0:06		195	0:07		460	0:06
TOTAL	5310	0:10		3152	0:07		8462	0:09

NOMINAL ARRIVAL TIME = 1:04

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

FIGURE I-1-15  
ROUTE SEGMENT DTW TO LGA

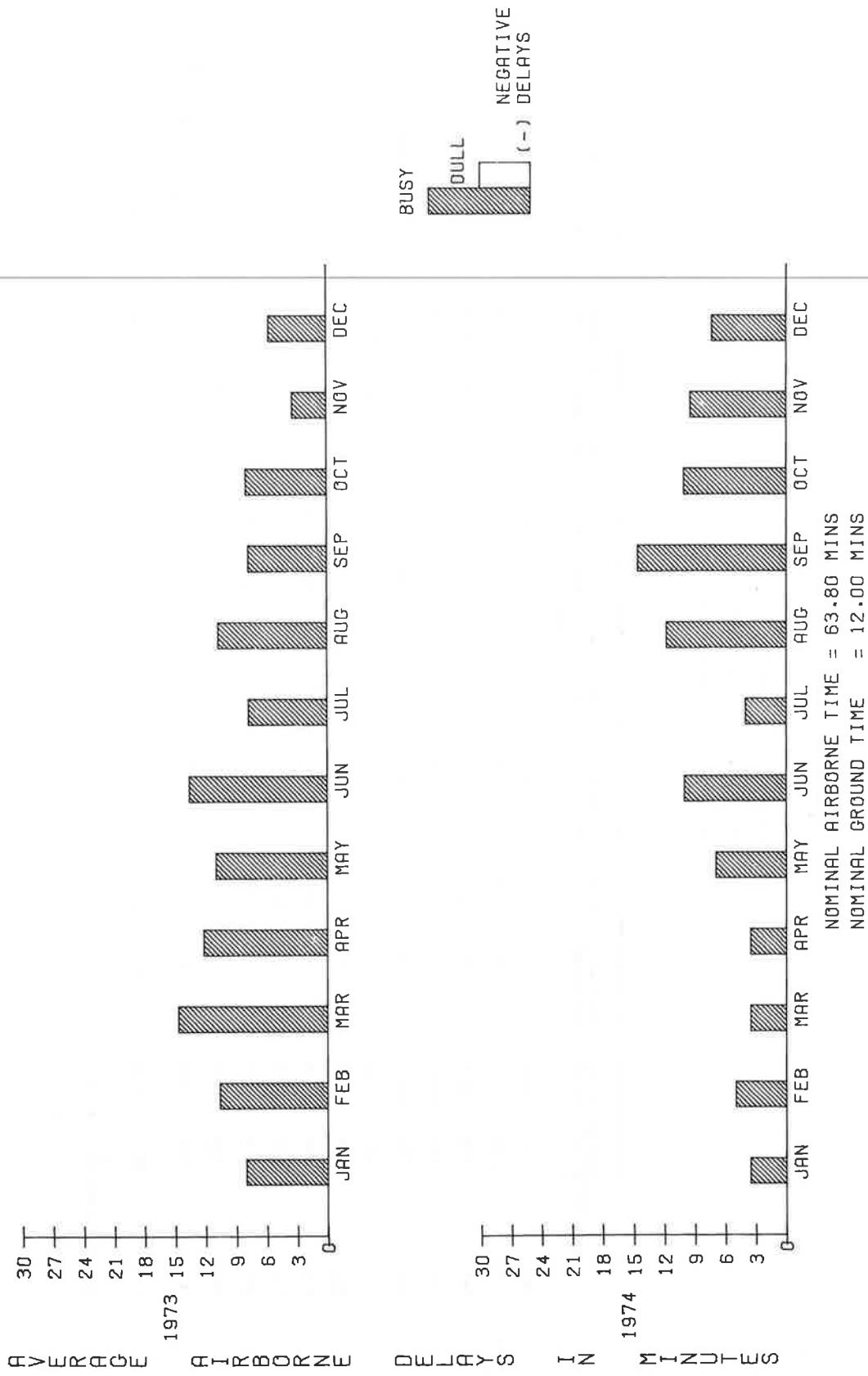


TABLE I-1-16

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SFMENIT DTW ==> ORD

	1975				1974				TOTAL			
	#FLIGHTS											
	BUSY	DELAY	DULL	DELAY	BUSY	DELAY	DULL	DELAY	BUSY	DELAY	DULL	DELAY
JAN	430	0:14	58	0:05	120	0:09	31	0:04	550	0:13	3	0:05
FEB	674	0:13	57	0:07	407	0:12	35	0:07	1081	0:12	89	0:05
MAR	700	0:17	57	0:06	456	0:11	35	0:04	1156	0:14	92	0:07
APR	634	0:08	62	0:06	445	0:08	30	0:04	1079	0:08	92	0:05
MAY	739	0:07	59	0:04	355	0:11	35	0:04	1094	0:08	94	0:04
JUN	525	0:06	56	0:01	242	0:09	34	0:04	767	0:07	90	0:02
JUL	502	0:08	65	0:01	206	0:09	35	0:04	708	0:08	100	0:02
AUG	690	0:05	61	0:01	652	0:13	62	0:03	1342	0:09	123	0:02
SEP	557	0:11	65	0:04	508	0:14	50	0:06	1065	0:15	115	0:04
OCT	499	0:09	57	0:04	471	0:13	45	0:06	970	0:11	102	0:05
NOV	564	0:09	31	0:05	480	0:10			1044	0:10	31	0:05
DEC	542	0:12	32	0:04	403	0:11	3	0:05	945	0:11	35	0:04
TOTAL	7056	0:10	603	0:04	4745	0:11	363	0:05	11800	0:10	966	0:04

NOMINAL AIRBORNE TIME =

0:39

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

FIGURE I-1-16

ROUTE SEGMENT DTW TO ORD

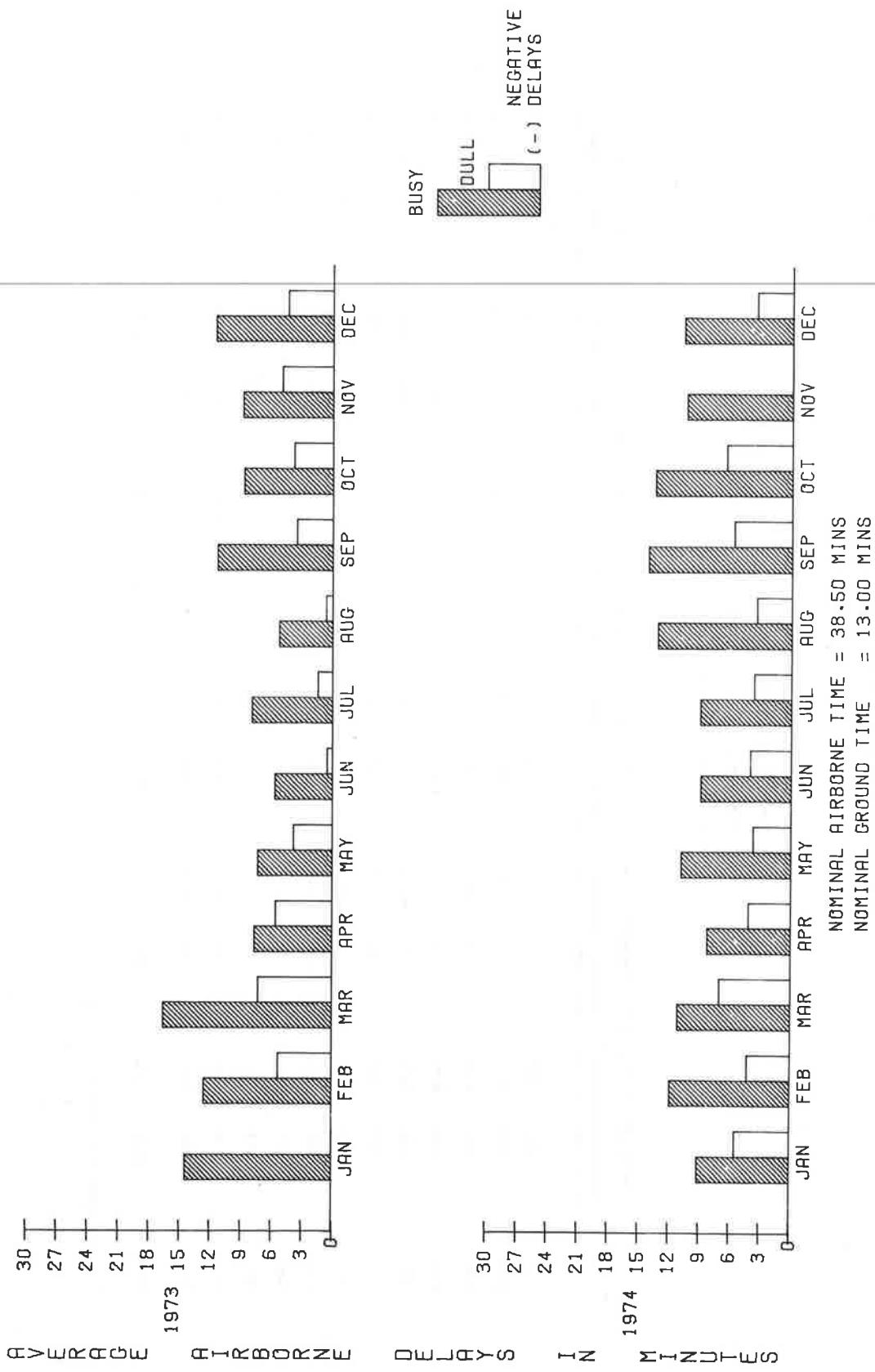


TABLE I-1.17

AIRBORNE DELAYS BY MONTH  
AVERAGES FOR RUSH VS. DULL INTERVALS  
ENR ROUTE SEGMENT FWR => BNS

	1973			1974			TOTAL		
	RUSHY #FLIGHTS	DULL #FLIGHTS	DELAY	RUSHY #FLIGHTS	DULL #FLIGHTS	DELAY	RUSHY #FLIGHTS	DULL #FLIGHTS	DELAY
JAN	517	0:11		56	0:08		573	0:11	
FEB	397	0:11	4	0:10	162	0:15	559	0:12	31 0:09
MAR	442	0:10	4	0:11	177	0:13	619	0:11	35 0:08
APR	444	0:11	5	0:09	175	0:12	50	0:09	619 0:11
MAY	394	0:11	90	0:08	250	0:12	624	0:12	90 0:08
JUN	367	0:13	56	0:09	225	0:13	592	0:13	56 0:09
JUL	342	0:13	29	0:10	194	0:14	540	0:13	29 0:10
AUG	355	0:13	90	0:07	229	0:15	584	0:14	90 0:07
SEP	335	0:12	58	0:06	170	0:13	505	0:12	58 0:06
OCT	377	0:13		177	0:13		554	0:13	
NOV	379	0:12	59	0:07	221	0:13	600	0:13	83 0:08
DEC	300	0:10	25	0:08	152	0:13	452	0:11	27 0:08
TOTAL	4649	0:12	420	0:07	2172	0:13	6821	0:12	534 0:08

NOMINAL AIRBORNE TIME = 0:26

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

ROUTE SEGMENT EWR TO BOSS

FIGURE I-1-17

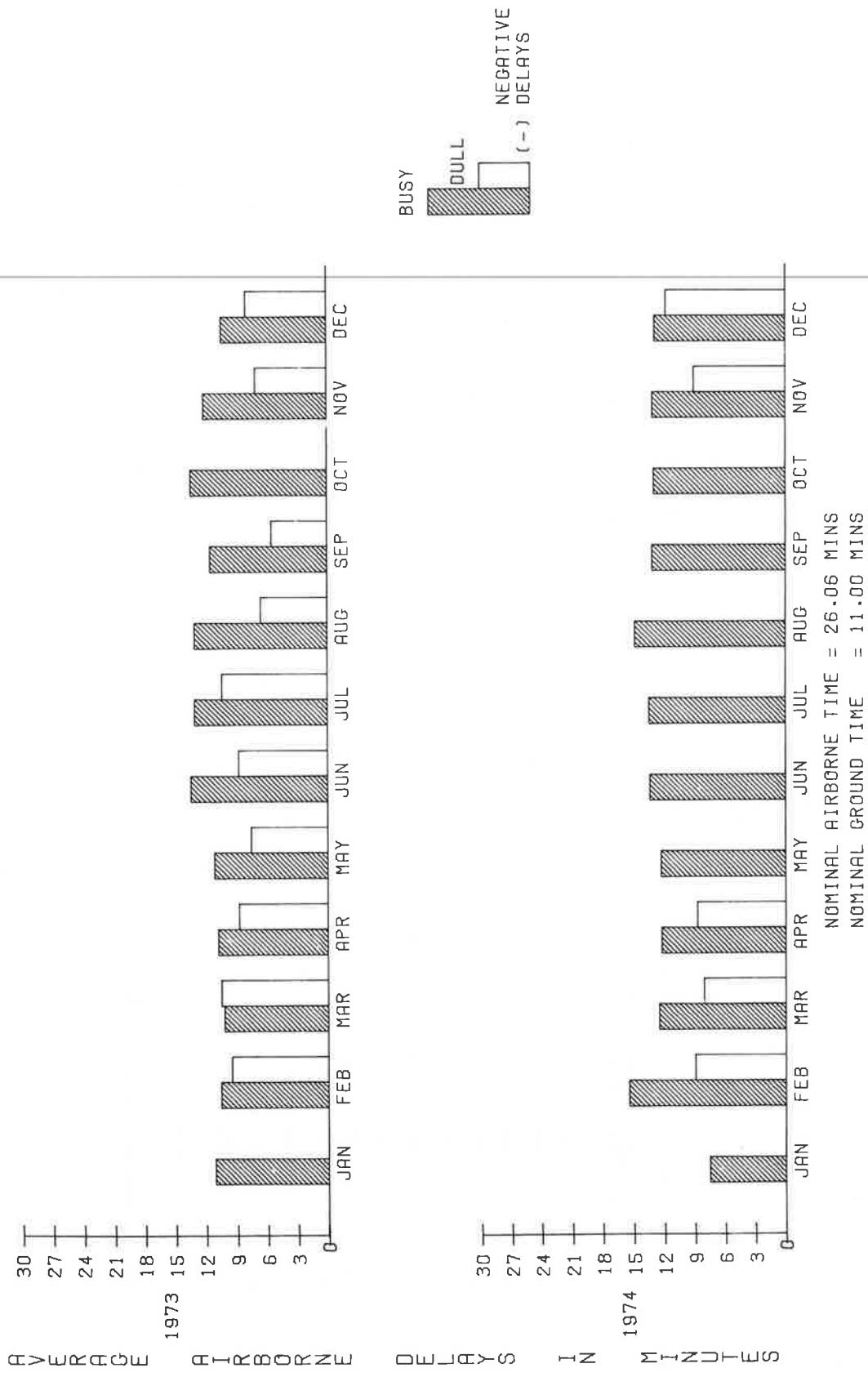


TABLE I-1-18

AIRBORNE DELAYS BY MONTH  
AVGAGES FOR HUSY VS. DULL INTERVALS  
FOR MINUTE SEGMENT FWR ==> NRD

	1973				1974				TOTAL			
	HUSY	DULL										
	#FLIGHTS	DFLAY										
JAN	405	0:29	62	0:18	98	0:36			503	0:30	62	0:18
FEB	439	0:25	54	0:14	315	0:28	19	0:20	754	0:26	73	0:16
MAR	489	0:30	48	0:16	353	0:32	22	0:24	842	0:31	70	0:18
APR	420	0:19	40	0:12	348	0:23	21	0:14	768	0:21	61	0:13
MAY	463	0:17	43	0:12	129	0:24			592	0:19	43	0:12
JUN	279	0:16	43	0:10	119	0:18			398	0:16	43	0:10
JUL	286	0:18	41	0:15	117	0:19			403	0:19	41	0:15
AUG	479	0:14	46	0:10	363	0:28	22	0:13	842	0:20	68	0:11
SEP	357	0:25	39	0:15	314	0:37	19	0:16	671	0:31	58	0:15
OCT	307	0:18	44	0:12	505	0:32	22	0:16	612	0:25	66	0:14
NOV	242	0:26	42	0:21	347	0:24	20	0:17	589	0:25	62	0:19
DEC	254	0:27	36	0:18	310	0:29	18	0:20	564	0:28	54	0:18
TOTAL	4420	0:22	538	0:14	3118	0:28	163	0:17	7538	0:25	701	0:15

NOMINAL AIRBORNE TIME = 1:32

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

FIGURE I-1-18  
ROUTE SEGMENT EWR TO ORD

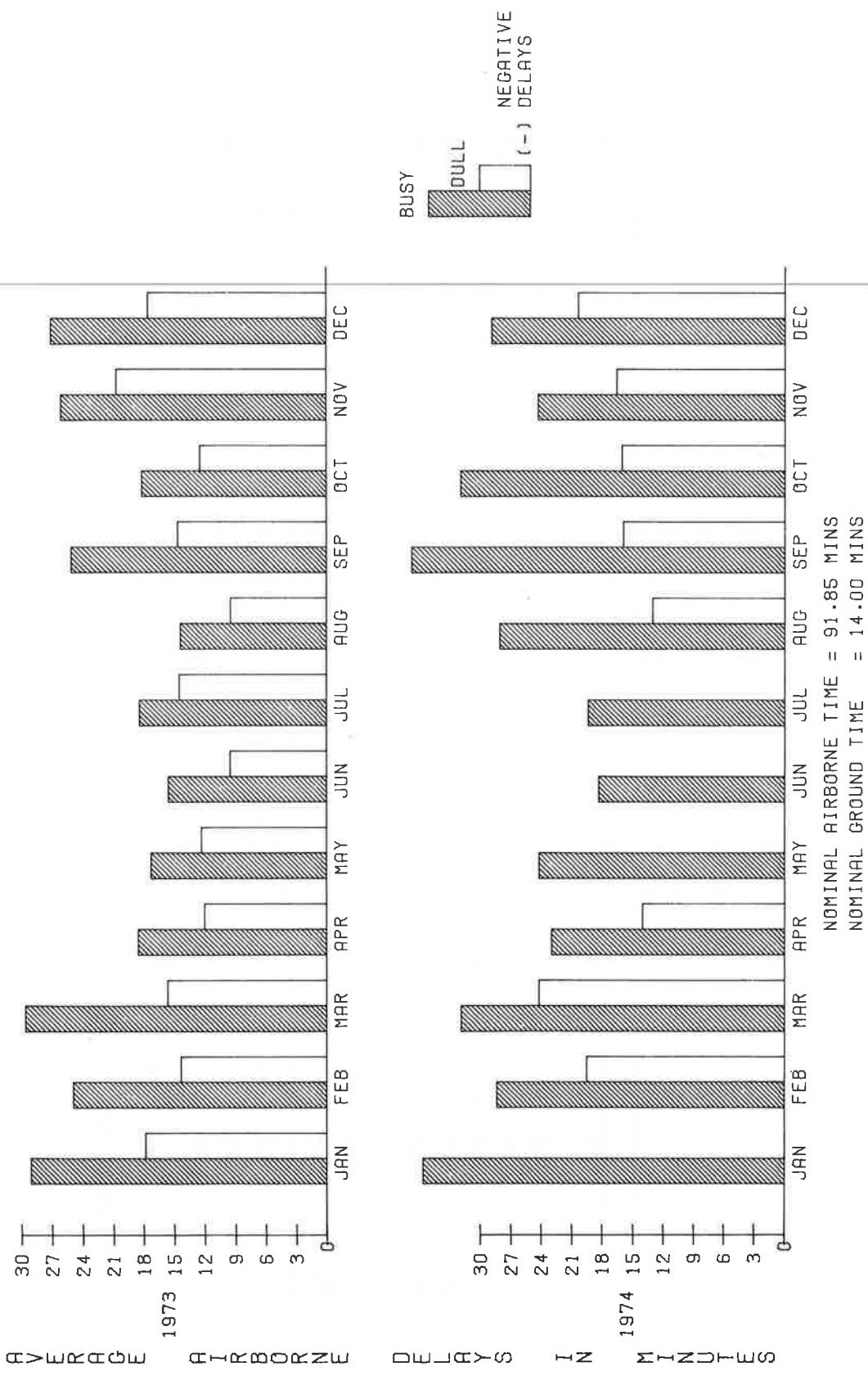


TABLE I-1-19

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

	1973			1974			TOTAL			
	#FLIGHTS	BUSY DFLY	DULL #FLIGHTS	BUSY DFLY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	
JAN	148	0:15	21	0:12	67	0:14				
FEB	220	0:13	74	0:15	187	0:17	25	0:07	407	0:15
MAR	247	0:12	83	0:12	203	0:13	30	0:08	450	0:13
APR	231	0:12	80	0:11	170	0:15	29	0:09	401	0:13
MAY	333	0:13	106	0:08	124	0:14	66	0:09	457	0:13
JUN	289	0:16	99	0:10	104	0:12	78	0:10	393	0:15
JUL	229	0:15	105	0:09	76	0:11	86	0:12	305	0:14
AUG	344	0:14	162	0:10	201	0:15	117	0:12	545	0:14
SEP	301	0:15	106	0:08	127	0:13	85	0:12	428	0:13
OCT	289	0:13	78	0:10	118	0:12	88	0:10	407	0:13
NOV	225	0:12	92	0:10	173	0:17	158	0:13	398	0:12
DEC	137	0:11	29	0:08	112	0:12	128	0:13	249	0:12
TOTAL	2993	0:13	1055	0:10	1662	0:13	870	0:11	4655	0:13
NOMINAL AIRBORNE TIME =									1905	0:11

NOMINAL AIRBORNE TIME = 0:21

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

FIGURE I-1-19

ROUTE SEGMENT JFK TO BOSS

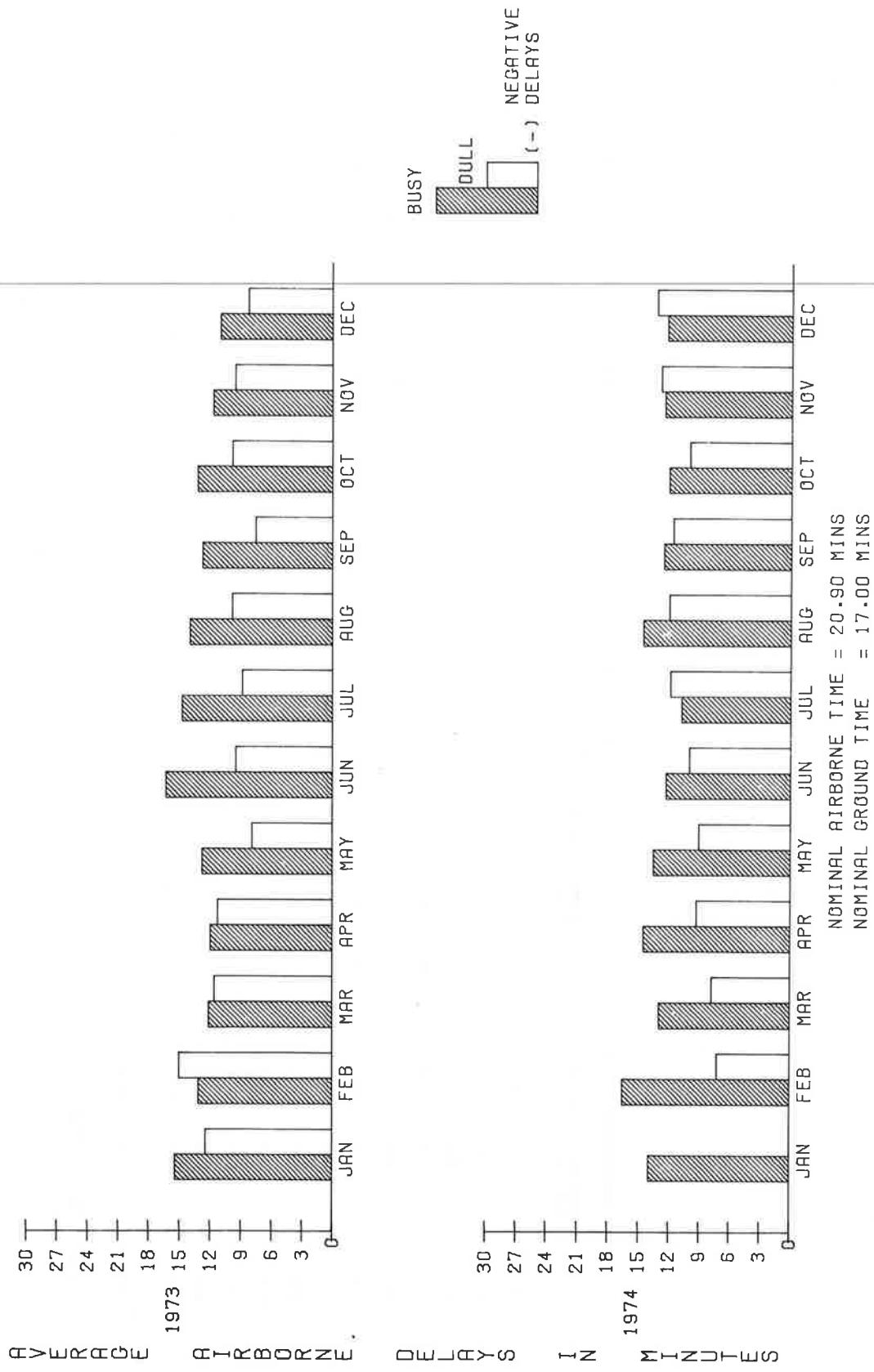


TABLE I-1-20

AIRBORNE DELAYS BY MONTH  
AVERAGES FOR HUZY VS. DULL INTERVALS  
FOR ROUTE SEGMENT JFK ==> MIA

	1973			1974			TOTAL			
	#FLIGHTS	HUZY DELAY	DULL DELAY	#FLIGHTS	HUZY DELAY	DULL DELAY	#FLIGHTS	HUZY DELAY	DULL DELAY	
JAN	216	0:15	105	0:07	228	0:14	37	0:09	444	0:15
FEB	277	0:13	74	0:07	235	0:15	28	0:11	512	0:14
MAR	299	0:10	86	0:04	267	0:13	51	0:04	566	0:11
APR	287	0:12	78	0:07	246	0:10	30	0:04	533	0:11
MAY	298	0:11	112	0:03	264	0:07	32	0:02	562	0:09
JUN	299	0:06	107	-0:02	257	0:10	50	0:03	556	0:08
JUL	336	0:02	107	-0:05	237	0:04	15	0:02	573	0:03
AUG	369	0:05	113	-0:02	216	0:06			585	0:06
SEP	304	0:03	110	-0:05	205	0:08			507	0:05
OCT	272	0:08	82	0:01	211	0:08			483	0:08
NOV	253	0:10	62	0:03	198	0:12			451	0:11
DEC	208	0:15	61	0:18	211	0:13			419	0:14
TOTAL	3418	0:09	1091	0:02	2773	0:10	203	0:05	6191	0:09
NOMINAL AIRBORNE TIME =									1294	0:03
										2:14

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

FIGURE I-1-20

ROUTE SEGMENT JFK TO MIA

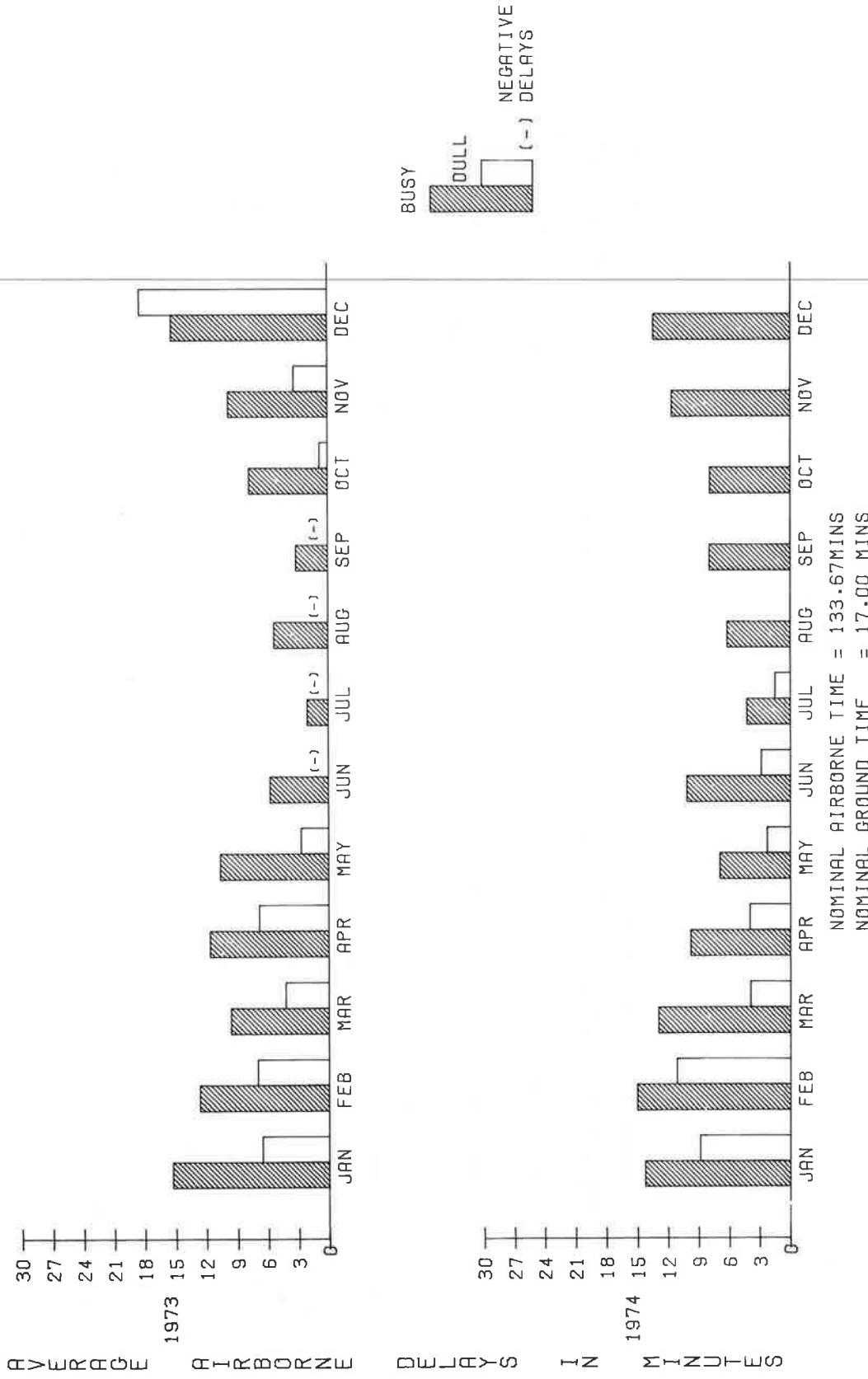


TABLE I-1-21

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

		1973				1974				TOTAL			
#FLIGHTS		DULL		BUSY		DULL		BUSY		DULL		#FLIGHTS	
#FLIGHTS		DELAY	#FLIGHTS	DELAY	#FLIGHTS								
JAN	499	0:113	181	0:02	200	0:01	80	-0:01	699	0:10	261	0:01	
FEB	492	0:111	168	-0:01	420	0:11	170	0:04	912	0:11	338	0:01	
MAR	553	0:118	182	0:07	477	0:09	182	0:02	1030	0:14	364	0:05	
APR	547	0:09	181	0:06	475	0:09	158	0:04	1022	0:09	339	0:05	
MAY	503	0:111	186	0:07	214	0:12	84	0:05	717	0:12	270	0:06	
JUN	488	0:110	176	0:05	180	0:13	79	0:10	668	0:11	255	0:07	
JUL	499	0:110	188	0:04	181	0:14	83	0:08	680	0:11	271	0:06	
AUG	535	0:111	192	0:07	550	0:19	186	0:05	1085	0:15	378	0:06	
SEP	481	0:115	159	0:04	457	0:22	176	0:06	938	0:18	335	0:05	
OCT	468	0:10	154	0:05	453	0:24	188	0:09	921	0:17	342	0:07	
NOV	400	-0:01	135	-0:02	457	0:15	172	0:06	857	0:07	305	0:02	
DEC	436	0:14	155	0:09	456	0:14	164	0:05	892	0:14	299	0:07	
TOTAL	5901	0:11	2035	0:04	4520	0:14	1722	0:05	10421	0:13	3757	0:05	

NONFINAL AIRBORNE TIME = 3:14

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

ROUTE SEGMENT LAX TO ORD

FIGURE I-1-21

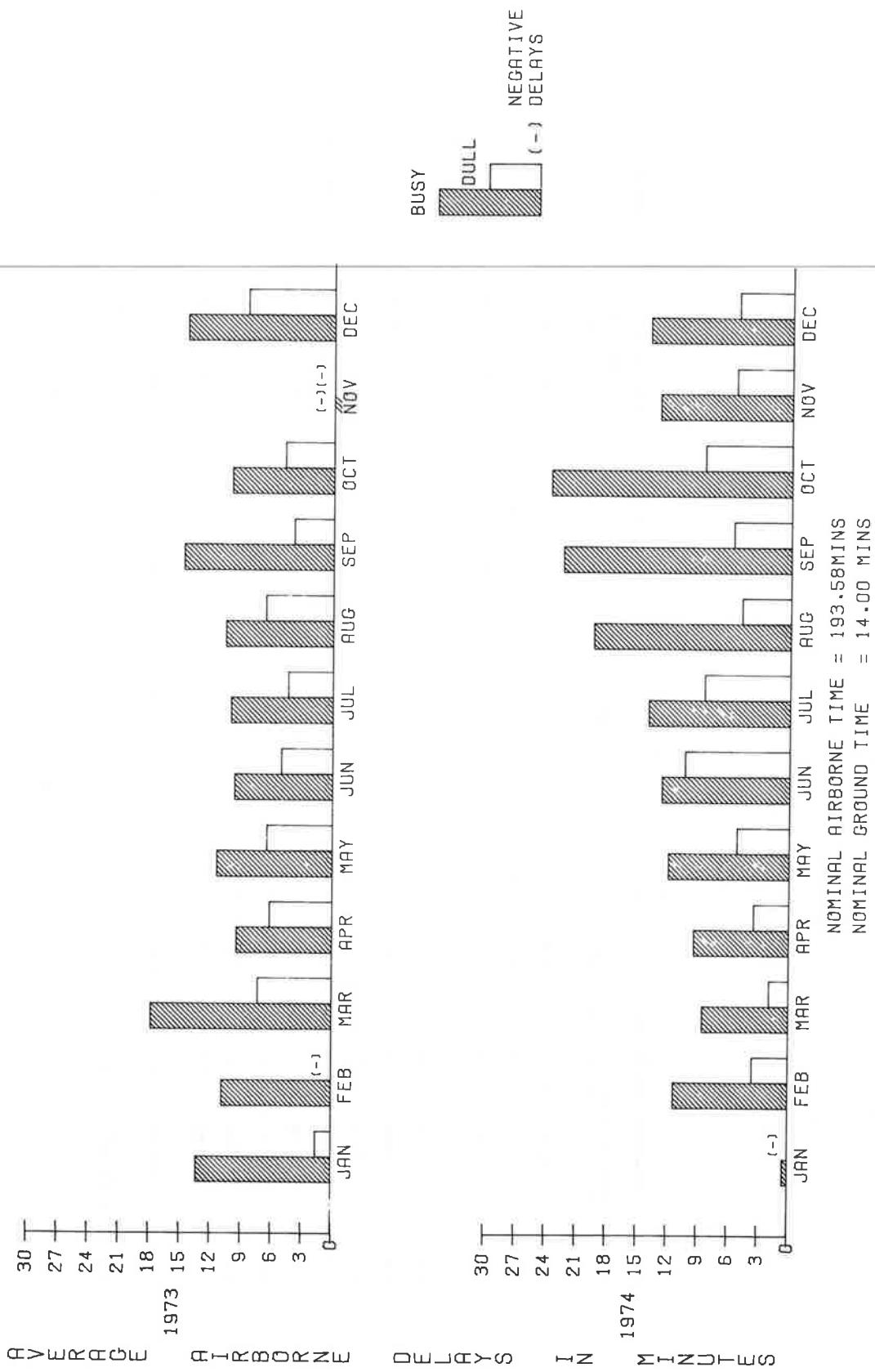


TABLE I-1-22

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

		1973				1974				TOTAL			
		BUSY	DULL	#FLIGHTS	DELAY	BUSY	DULL	#FLIGHTS	DELAY	BUSY	DULL	#FLIGHTS	DELAY
JAN	1258	0:08	168	0:06	40	0:18	6	0:13	1298	0:08	174	0:06	
FEB	1150	0:08	164	0:04	988	0:07	128	0:05	2138	0:07	292	0:04	
MAR	1268	0:08	178	0:05	1000	0:07	118	0:05	2268	0:07	296	0:05	
APR	1221	0:06	170	0:04	940	0:07	99	0:04	2161	0:06	269	0:04	
MAY	1319	0:03	199	0:03	240	0:05	25	0:03	1599	0:04	221	0:03	
JUN	1168	0:03	198	0:03	269	0:05	26	0:03	1437	0:03	224	0:03	
JUL	1160	0:03	191	0:02	267	0:04	25	0:03	1427	0:03	216	0:03	
AUG	1300	0:03	210	0:01	1305	0:05	213	0:02	2605	0:04	423	0:02	
SEP	1175	0:05	171	0:02	1165	0:04	147	0:01	2340	0:04	318	0:02	
OCT	1176	0:06	162	0:04	1179	0:04	138	0:02	2355	0:05	300	0:03	
NOV	968	0:08	103	0:06	745	0:06	103	0:04	1713	0:07	206	0:05	
DEC	964	0:07	117	0:06	760	0:08	99	0:06	1724	0:08	216	0:06	
TOTAL	14126	0:05	2031	0:04	8958	0:06	1125	0:03	23064	0:06	3156	0:04	
NOMINAL AIRBORNE TIME =													

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

FIGURE I-1-22  
ROUTE SEGMENT LAX TO SFO

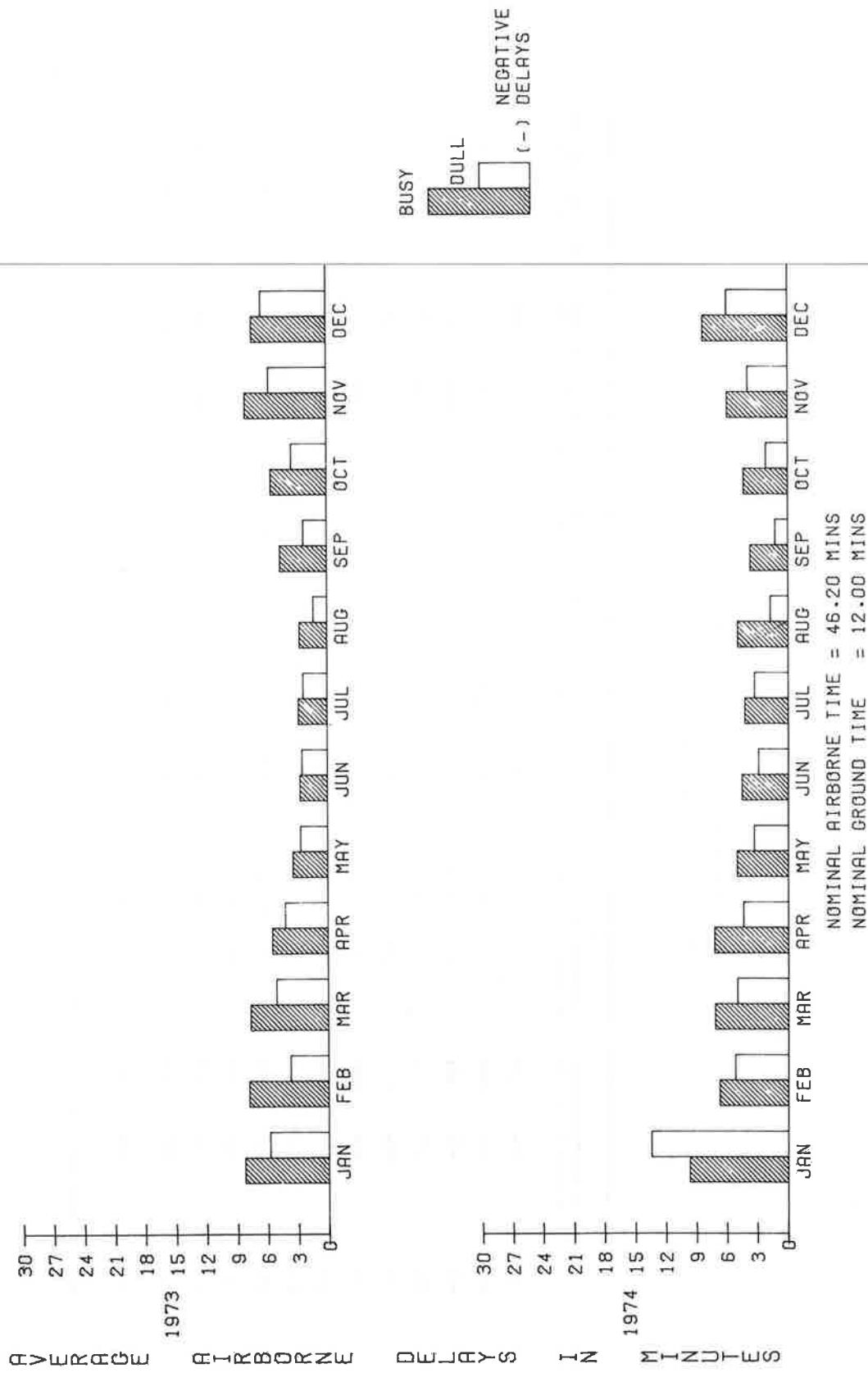


TABLE I-1-23

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR HUSY VS. DULL INTERVALS  
 FOR R/HUTF SEGMENT LGA => HNS

	1973			1974			TOTAL			
	RUSHY #FLIGHTS	RUSHY DELAY	DULL #FLIGHTS	DULL DELAY	HUSY #FLIGHTS	HUSY DELAY	DULL #FLIGHTS	DULL DELAY	HUSY #FLIGHTS	HUSY DELAY
JAN	829	0:05			773	0:06			1602	0:06
FEB	921	0:06	52	0:09	844	0:08	24	0:04	1769	0:07
MAR	998	0:06	55	0:11	991	0:06	51	0:05	1989	0:06
APR	1012	0:06	54	0:08	1004	0:06	30	0:03	2016	0:06
MAY	1036	0:07	29	0:00	974	0:06	51	0:02	2010	0:06
JUN	849	0:08	26	0:02	864	0:07	30	0:02	1733	0:07
JUL	780	0:07	28	0:00	786	0:07			1566	0:07
AUG	1014	0:08	51	0:02	954	0:08	31	-0:01	1968	0:08
SEP	885	0:06	29	-0:02	806	0:07	30	-0:01	1691	0:07
OCT	861	0:08	30	0:02	845	0:06			1706	0:07
NOV	980	0:07	20	-0:03	873	0:07			1853	0:07
DEC	830	0:08	2	0:01	837	0:07			1667	0:06
TOTAL	10995	0:07	356	0:04	10575	0:07	211	0:02	21570	0:07
NOMINAL AIRBORNE TIME =									567	0:04

NOMINAL AIRBORNE TIME = 0:28

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

FIGURE I-1-23

ROUTE SEGMENT LGA TO BOS

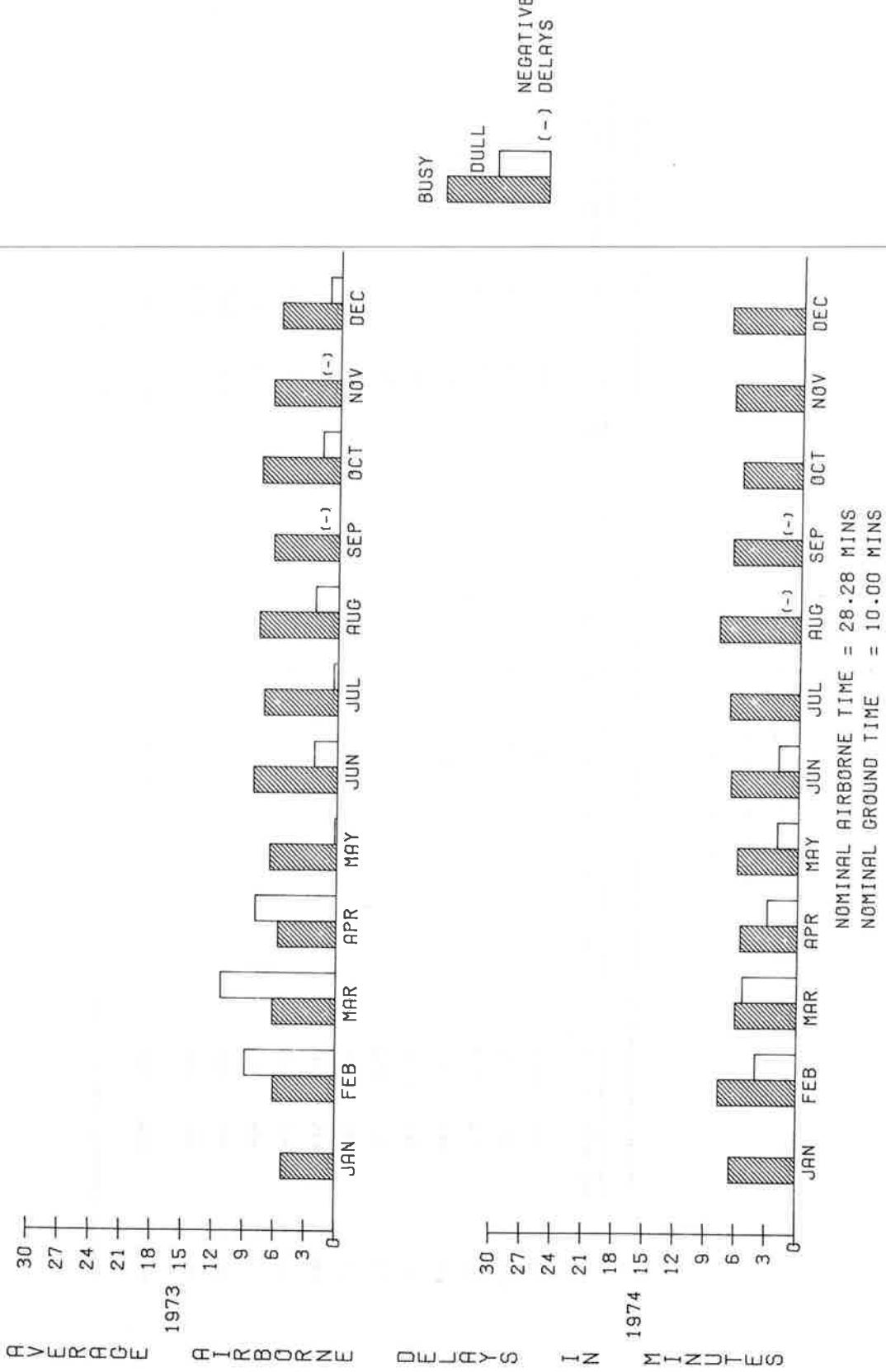


TABLE I-1-24

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

		1973		1974		1975		1976		1977	
		BUSY	DULL								
#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	685	0:14		777	0:15			1462	0:15		
FEB	788	0:16		809	0:15			1597	0:15		
MAR	922	0:15		935	0:14			1857	0:14		
APR	868	0:15		968	0:13			1856	0:14		
MAY	967	0:16		991	0:13			1958	0:14		
JUN	824	0:14		901	0:13			1725	0:13		
JUL	790	0:13		824	0:11			1614	0:12		
AUG	875	0:13		927	0:12			1802	0:13		
SEP	853	0:14		872	0:18			1725	0:16		
OCT	878	0:14		918	0:16			1796	0:15		
NOV	871	0:14		873	0:14			1744	0:14		
DEC	735	0:16		831	0:14			1566	0:15		
TOTAL	10056	0:15		10626	0:14			20682	0:14		
NOMINAL AIRBORNE TIME	-			0:31							

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

NOMINAL AIRBORNE TIME - 0:31

FIGURE I-1-24

ROUTE SEGMENT LGA TO DCA

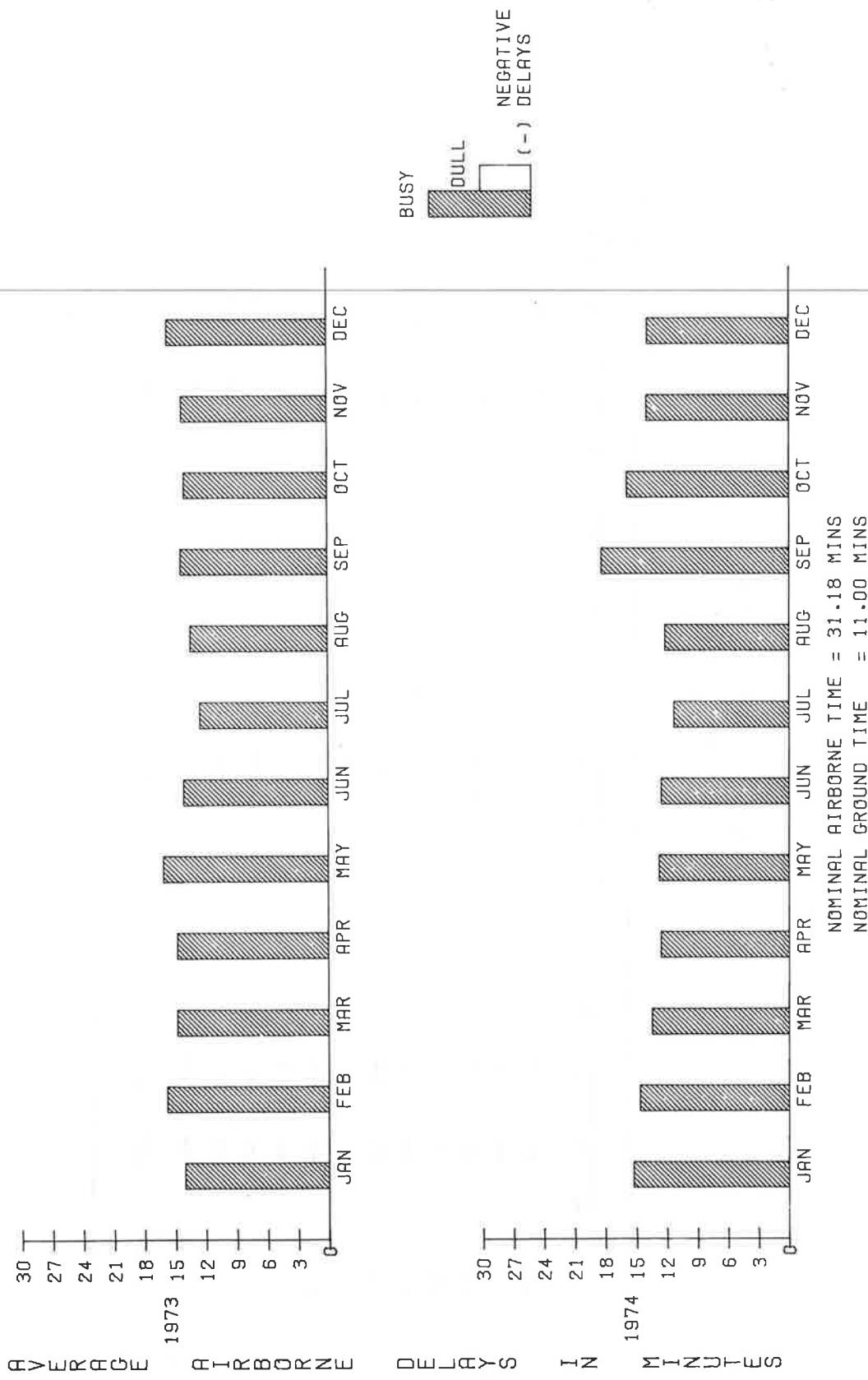


TABLE I-1-25

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

1973		1974		TOTAL	
#FLIGHTS	BUSY DELAY	#FLIGHTS	DULL DELAY	#FLIGHTS	BUSY DELAY
JAN	397	0:09		252	0:08
FEB	535	0:08		268	0:06
MAR	587	0:09		306	0:08
APR	582	0:04		305	0:03
MAY	580	0:04		313	0:05
JUN	318	0:03		249	0:01
JUL	323	0:02		306	0:07
AUG	531	0:01		319	0:01
SEP	461	0:02		280	0:04
OCT	432	0:04		288	0:03
NOV	370	0:04		302	0:05
DEC	266	0:04		248	0:08
TOTAL	5382	0:05		3464	0:05

NOMINAL AIRBORNE TIME = 1:14

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

ROUTE SEGMENT LGA TO DTW

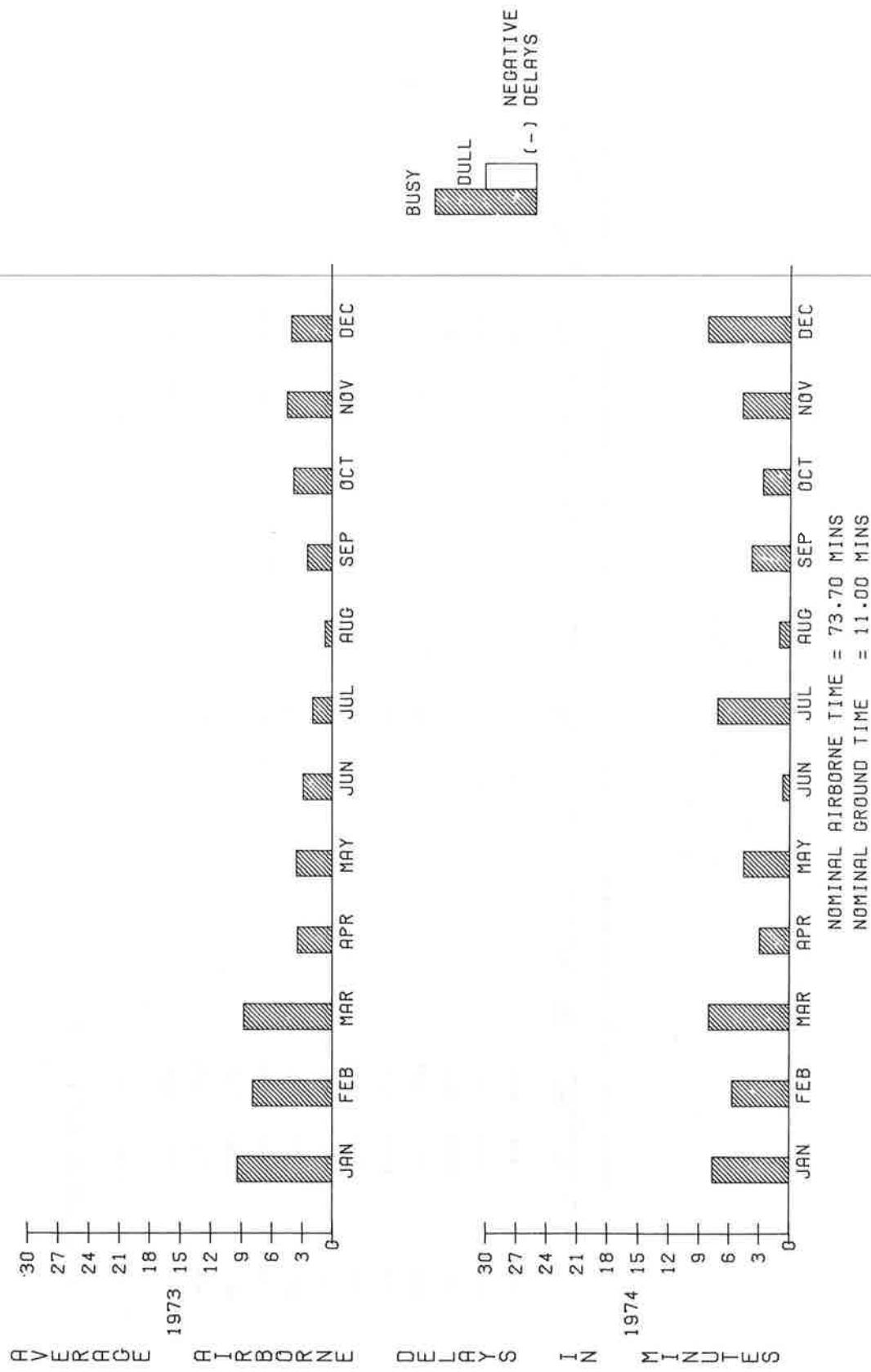


TABLE I-1-26

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

	1973		1974		TOTAL	
	BUSY #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	864	0:29	290	0:50	1154	0:29
FEB	913	0:27	680	0:29	1593	0:28
MAR	1018	0:30	797	0:33	1815	0:31
APR	981	0:19	797	0:24	1778	0:22
MAY	1063	0:19	362	0:26	1425	0:21
JUN	984	0:16	349	0:20	1333	0:17
JUL	1011	0:18	369	0:19	1380	0:19
AUG	1077	0:14	914	0:27	1991	0:20
SEP	988	0:24	842	0:35	1830	0:29
OCT	1002	0:20	866	0:32	1868	0:25
NOV	530	0:25	840	0:26	1370	0:26
DEC	556	0:28	852	0:30	1408	0:29
TOTAL	10987	0:22	7958	0:26	18945	0:25
NOMINAL AIRBORNE TIME =						1:31

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

FIGURE I-1-26

ROUTE SEGMENT LGA TO ORD

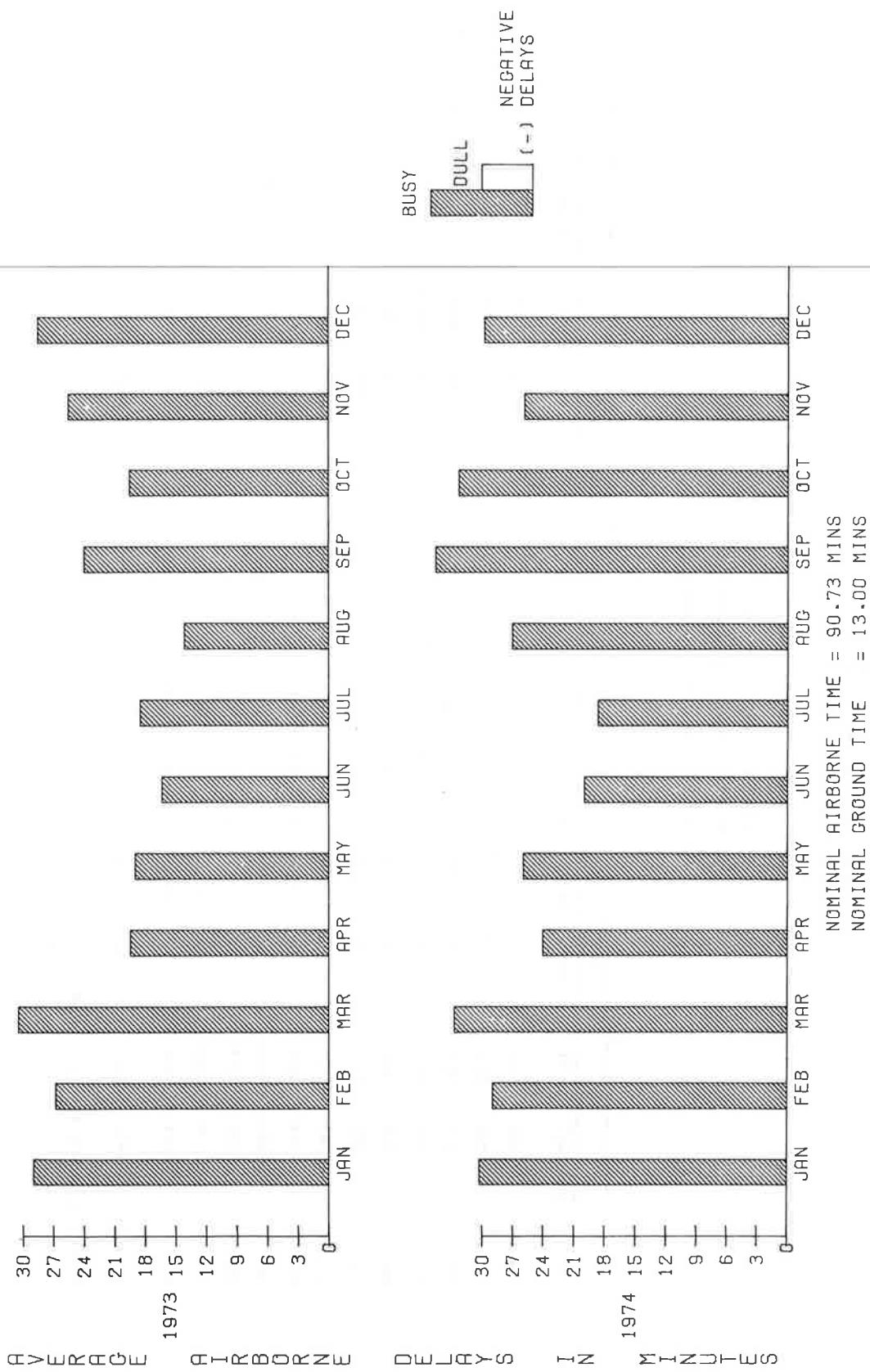


TABLE I-1-27

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

	1973			1974			TOTAL		
	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY
JAN	120	0:14		72	0:17		192	0:15	
FEB	352	0:12		535	0:13		687	0:13	
MAR	374	0:15		370	0:12		744	0:14	
APR	345	0:11		359	0:12		704	0:12	
MAY	393	0:12		335	0:11		728	0:11	
JUN	388	0:11		298	0:10		686	0:11	
JUL	247	0:10		308	0:11		555	0:11	
AUG	403	0:10		432	0:10		855	0:10	
SEP	324	0:14		262	0:12		586	0:13	
OCT	353	0:10		246	0:11		599	0:10	
NOV	400	0:10		351	0:11		751	0:10	
DEC	251	0:08		247	0:13	1:4	498	0:11	1:5
TOTAL	3950	0:11		3615	0:12		7565	0:11	
NOMINAL AIRBORNE TIME =							688	0:05	
							1:18		

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

FIGURE I-1-27  
ROUTE SEGMENT MIA TO ATL

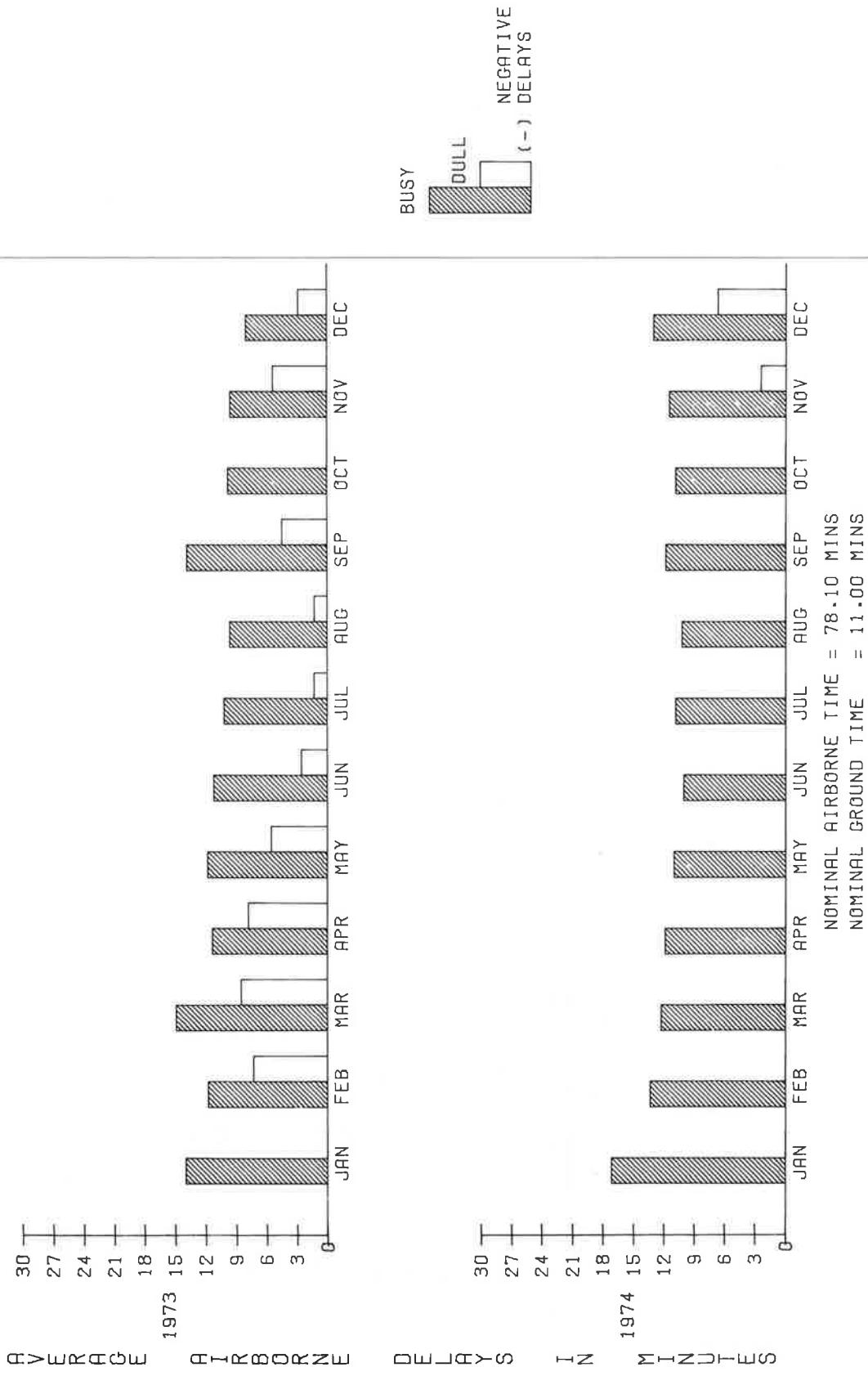


TABLE I-1-28

AIRBURNET DELAYS BY MONTH  
 AVERAGE FLIGHTS FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT MIA ==> JFK

		1973		1974		1975		
		#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	
JAN	228	0:09	21	0:04	227	0:11	455	0:10
FEB	359	0:11	70	0:05	228	0:11	567	0:11
MAR	373	0:11	67	0:09	253	0:13	626	0:12
APR	352	0:10	70	0:01	242	0:11	594	0:10
MAY	314	0:13	48	0:08	273	0:15	587	0:14
JUN	288	0:16	44	0:08	263	0:12	551	0:14
JUL	326	0:17	47	0:06	279	0:16	550	0:16
AUG	350	0:11	51	0:06	187	0:14	537	0:12
SEP	321	0:12	46	0:07	174	0:12	499	0:12
OCT	316	0:10	25	0:05	189	0:11	505	0:10
NOV	268	0:10	2	0:13	181	0:09	469	0:10
DEC	270	0:09			187	0:11	457	0:10
TOTAL	3765	0:12	489	0:06	2632	0:12	6397	0:12
MINIMUM AIRTIME TIME							492	0:06
NOMINAL AIRTIME TIME								2:06

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

FIGURE I-1-28

ROUTE SEGMENT MIA TO JFK

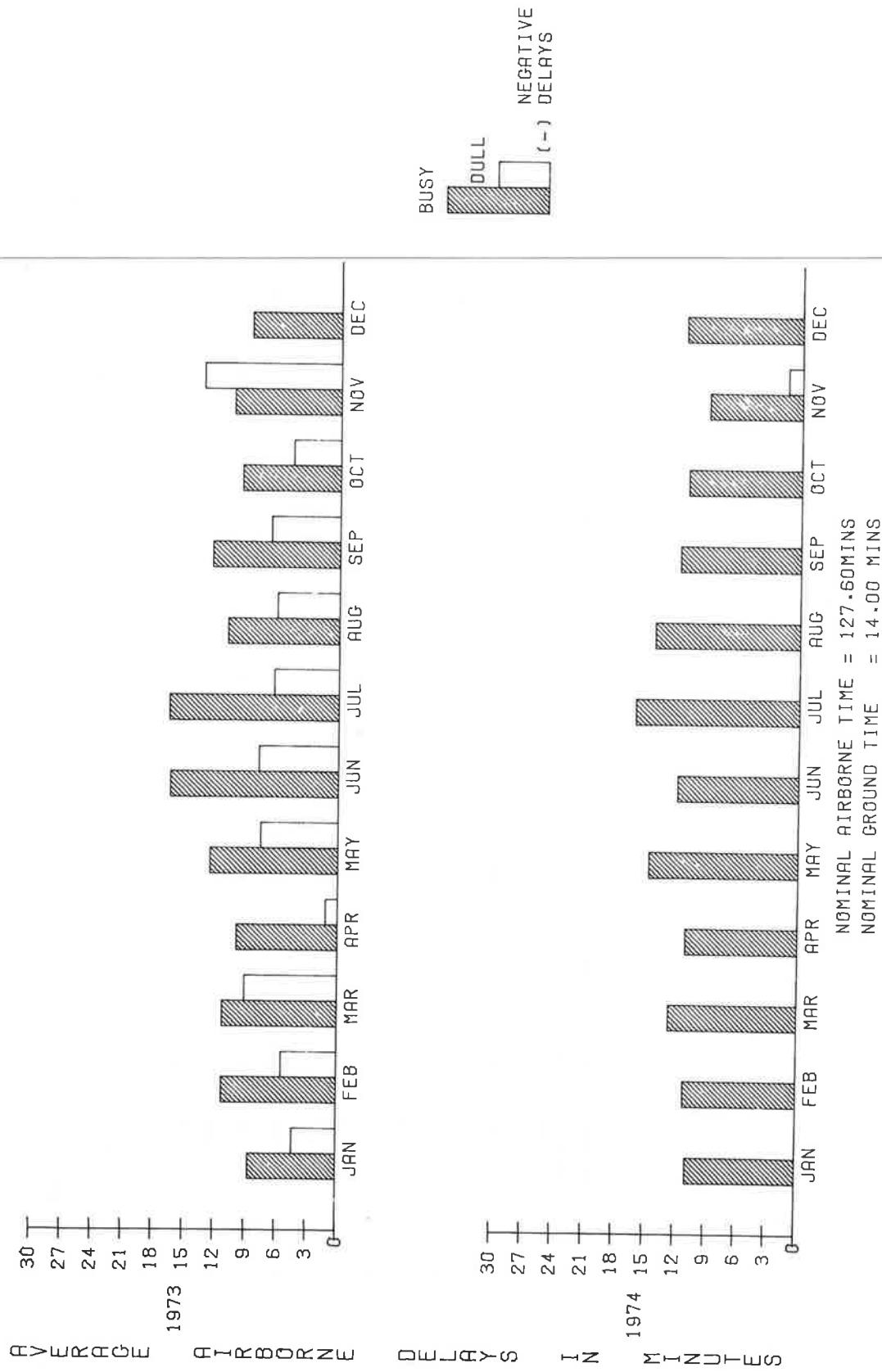


TABLE I-1-29

AIRBORNE DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR ROUTE SEGMENT MSP => IRD

	1973			1974			1975			1976			1977		
	BUSY	DULL	#FLIGHTS	BUSY	DULL	#FLIGHTS	BUSY	DULL	#FLIGHTS	BUSY	DULL	#FLIGHTS	BUSY	DULL	#FLIGHTS
JAN	585	0:17	51	0:07	62	0:14				647	0:16		31	0:07	
FEB	652	0:16	28	0:06	573	0:15				1225	0:16		56	0:06	
MAR	631	0:21	31	0:09	621	0:15	31	0:04		1252	0:18		62	0:06	
APR	639	0:14	30	0:07	608	0:12	30	0:08		1247	0:13		60	0:07	
MAY	711	0:12	31	0:09	499	0:14	31	0:05		1210	0:13		62	0:07	
JUN	515	0:11	30	0:06	364	0:13				879	0:12		30	0:06	
JUL	534	0:14	31	0:06	378	0:12				912	0:13		31	0:06	
AUG	742	0:11	31	0:06	674	0:20	31	0:07		1416	0:15		62	0:06	
SEP	651	0:16	30	0:07	590	0:22	30	0:08		1241	0:19		60	0:07	
OCT	655	0:13	51	0:07	583	0:20	51	0:06		1238	0:17		62	0:07	
NOV	725	0:10	30	0:06	166	0:16				891	0:11		30	0:06	
DEC	674	0:17	31	0:07	151	0:16				825	0:17		31	0:07	
TOTAL	7714	0:14	365	0:07	5269	0:16	212	0:06		12983	0:15		577	0:07	
NOMINAL AIRBORNE TIME =															

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

ROUTE SEGMENT MSP TO ORD

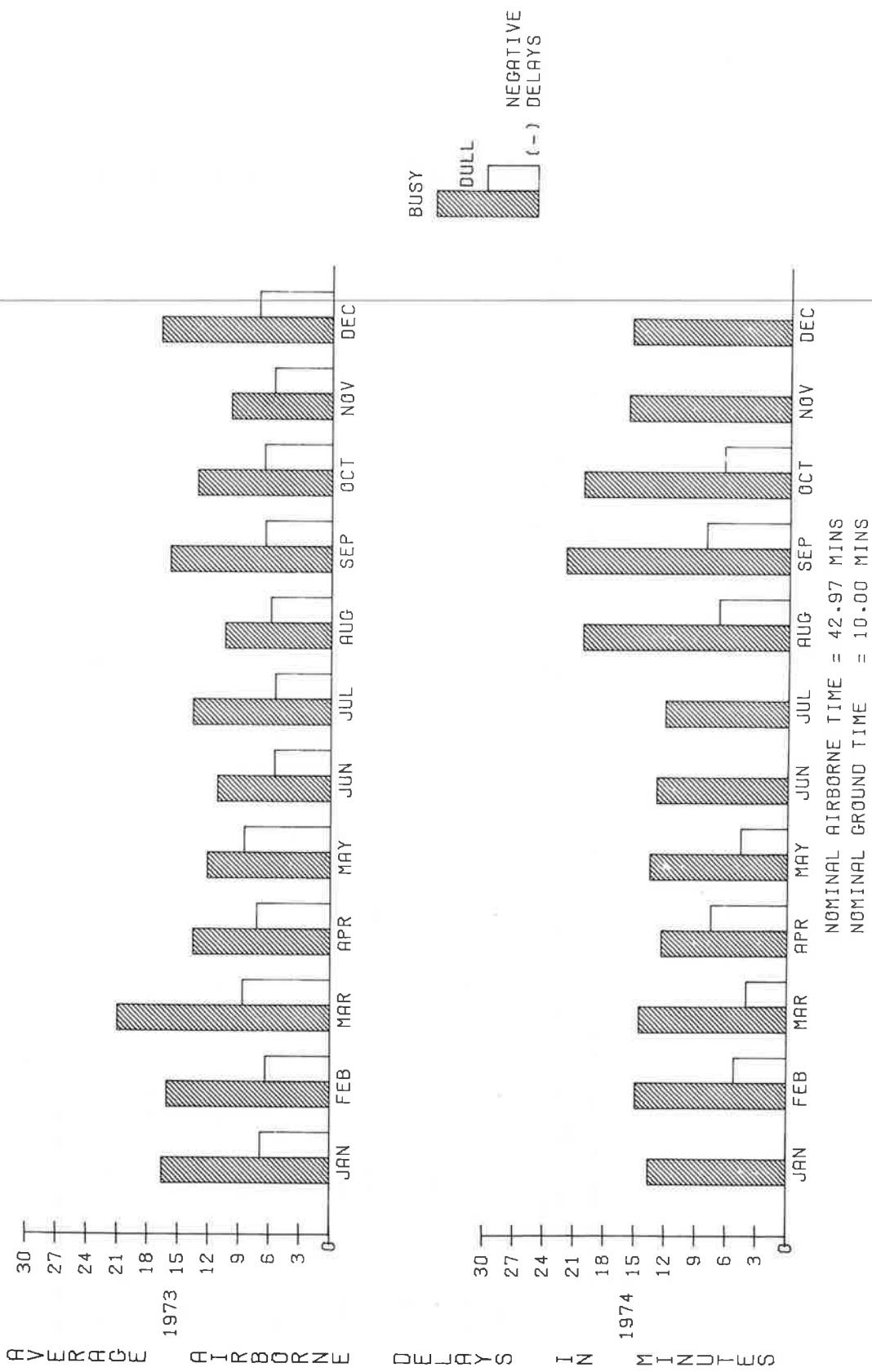


TABLE I-1-30

AIRBORNE DELAYS BY MONTH  
AVERAGE FLIGHT BUSY VS. DUL. INTERVALS  
FROM POINT SIGHTMENT (P) ==> ATL

		1973		1974		TOTAL		
		BUSY FLIGHTS	DULL FLIGHTS	BUSY FLIGHTS	DULL FLIGHTS	BUSY FLIGHTS	DULL FLIGHTS	
JAN	517	0:18	95	0:13	258	0:20	635	0:19
FEB	371	0:14	91	0:12	346	0:16	717	0:15
MAR	412	0:21	75	0:16	596	0:16	808	0:19
APR	394	0:16	69	0:13	555	0:18	749	0:17
MAY	443	0:15	104	0:12	395	0:18	838	0:16
JUN	440	0:17	101	0:12	359	0:18	799	0:18
JUL	425	0:16	102	0:10	367	0:19	790	0:17
AUG	453	0:16	107	0:11	424	0:20	877	0:18
SEP	453	0:20	98	0:11	368	0:20	821	0:20
OCT	458	0:15	106	0:09	591	0:15	829	0:15
NOV	406	0:14	41	0:09	294	0:18	700	0:16
DEC	402	0:19	27	0:14	302	0:19	704	0:19
TOTAL	4992	0:17	1016	0:12	4275	0:18	9267	0:17
NOMINAL AIRBORNE TIME =							1076	0:12

NOMINAL AIRBORNE TIME = 1:07

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

FIGURE I-1-30

ROUTE SEGMENT ORD TO ATL

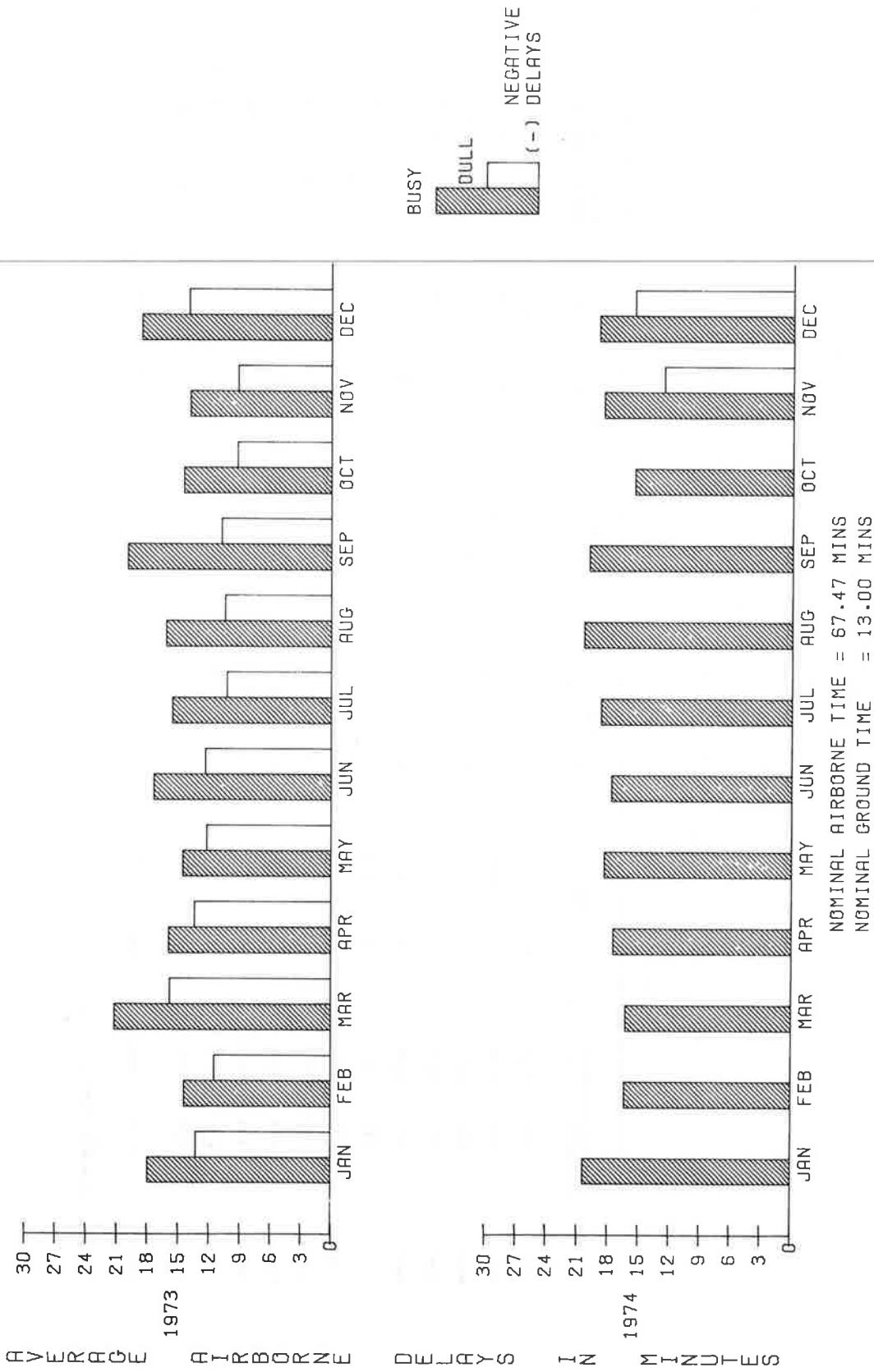


TABLE I-1-31

AIRLINE DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR ROUTE SEGMENT (RD => BS)

	1973			1974			TOTAL			
	BUSY		DULL	BUSY		DULL	BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	
JAN	297	0:04	27	0:02	99	0:02	396	0:04	22	0:02
FEB	378	0:09	18	0:08	347	0:10	725	0:09	31	0:06
MAR	390	0:09	22	0:07	380	0:05	770	0:07	43	0:04
APR	381	0:08	21	0:07	308	0:08	689	0:08	42	0:07
MAY	423	0:08	22	0:07	128	0:07	551	0:08	22	0:07
JUN	235	0:11	20	0:09	145	0:09	378	0:10	20	0:09
JUL	235	0:09	19	0:08	147	0:13	382	0:10	19	0:08
AUG	459	0:10	23	0:10	462	0:11	921	0:10	44	0:08
SEP	363	0:07	19	0:05	337	0:07	700	0:07	38	0:05
OCT	333	0:09	21	0:08	281	0:09	614	0:09	44	0:07
NOV	294	0:04	21	0:02	423	0:08	717	0:07	40	0:05
DEC	319	0:06	15	0:08	353	0:09	672	0:07	32	0:06
TOTAL	4107	0:08	243	0:07	3408	0:08	7515	0:08	397	0:0

NOMINAL AIRTIME TIME = 1:36

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

FIGURE I-1-31

ROUTE SEGMENT ORD TO BOSS

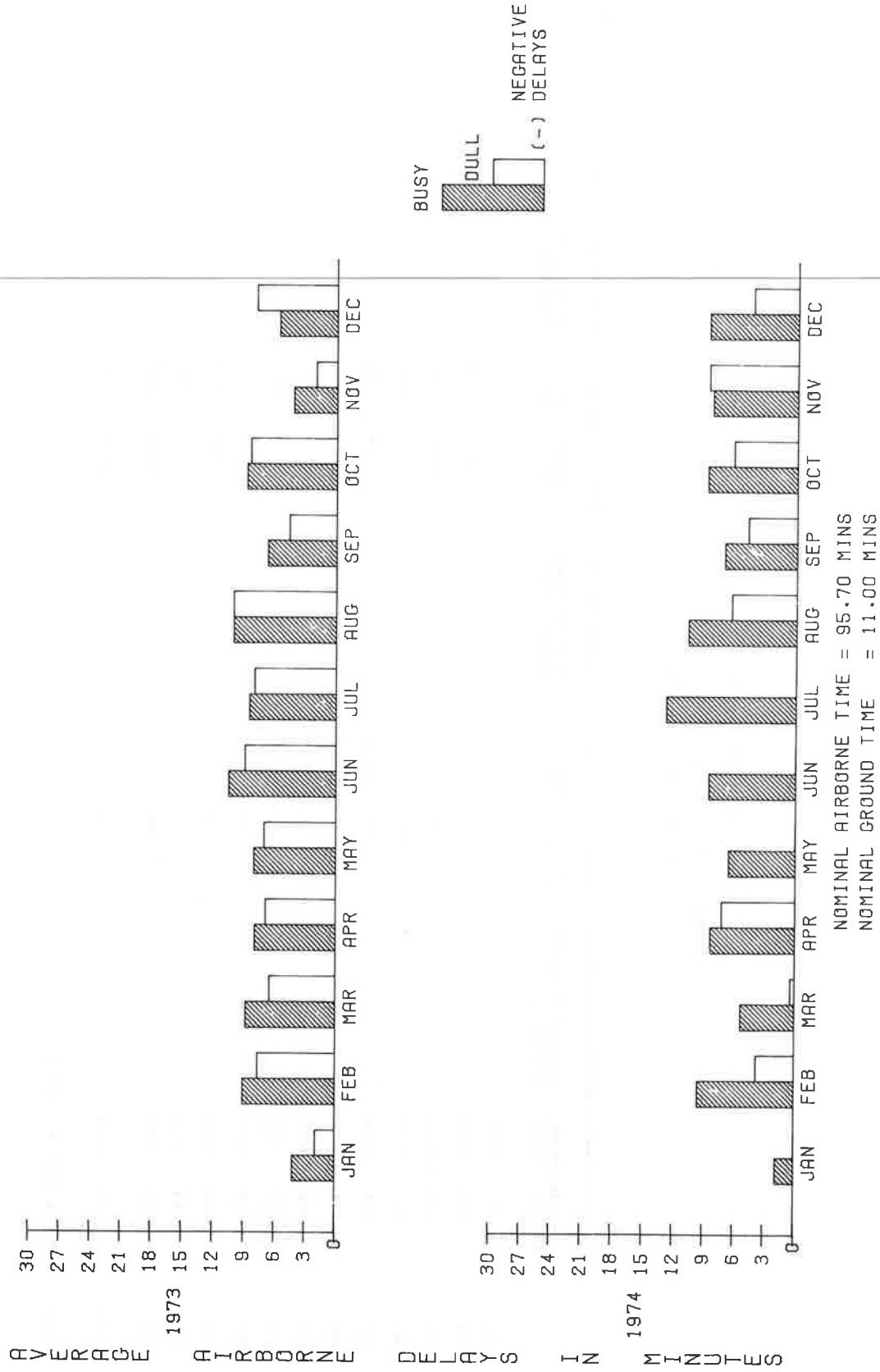


TABLE I-1-32

AIRBORNE DELAYS BY MONTH  
 AVERAGE FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT 1IRD => DCA

	1973			1974			TOTAL		
	#FLIGHTS	DELAY	DULL	#FLIGHTS	DELAY	BUSY	#FLIGHTS	DELAY	DULL
JAN	466	0:06		237	0:03		703	0:05	
FEB	589	0:10		441	0:06		1030	0:08	
MAR	673	0:11		465	0:05		1138	0:08	
APR	661	0:08		459	0:08		1120	0:08	
MAY	691	0:09		207	0:07		898	0:09	
JUN	618	0:10		158	0:10		776	0:10	
JUL	622	0:08		124	0:09		746	0:08	
AUG	689	0:09		651	0:09		1340	0:09	
SEP	619	0:09		621	0:12		1240	0:10	
OCT	629	0:09		646	0:11		1275	0:10	
NOV	573	0:04		631	0:08		1204	0:06	
DEC	540	0:08		592	0:07		1132	0:07	
TOTAL	7370	0:09		5232	0:08		12602	0:08	

NOMINAL AIRTIME TIME = 1:13

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

FIGURE I-1-32  
ROUTE SEGMENT ORD TO DCA

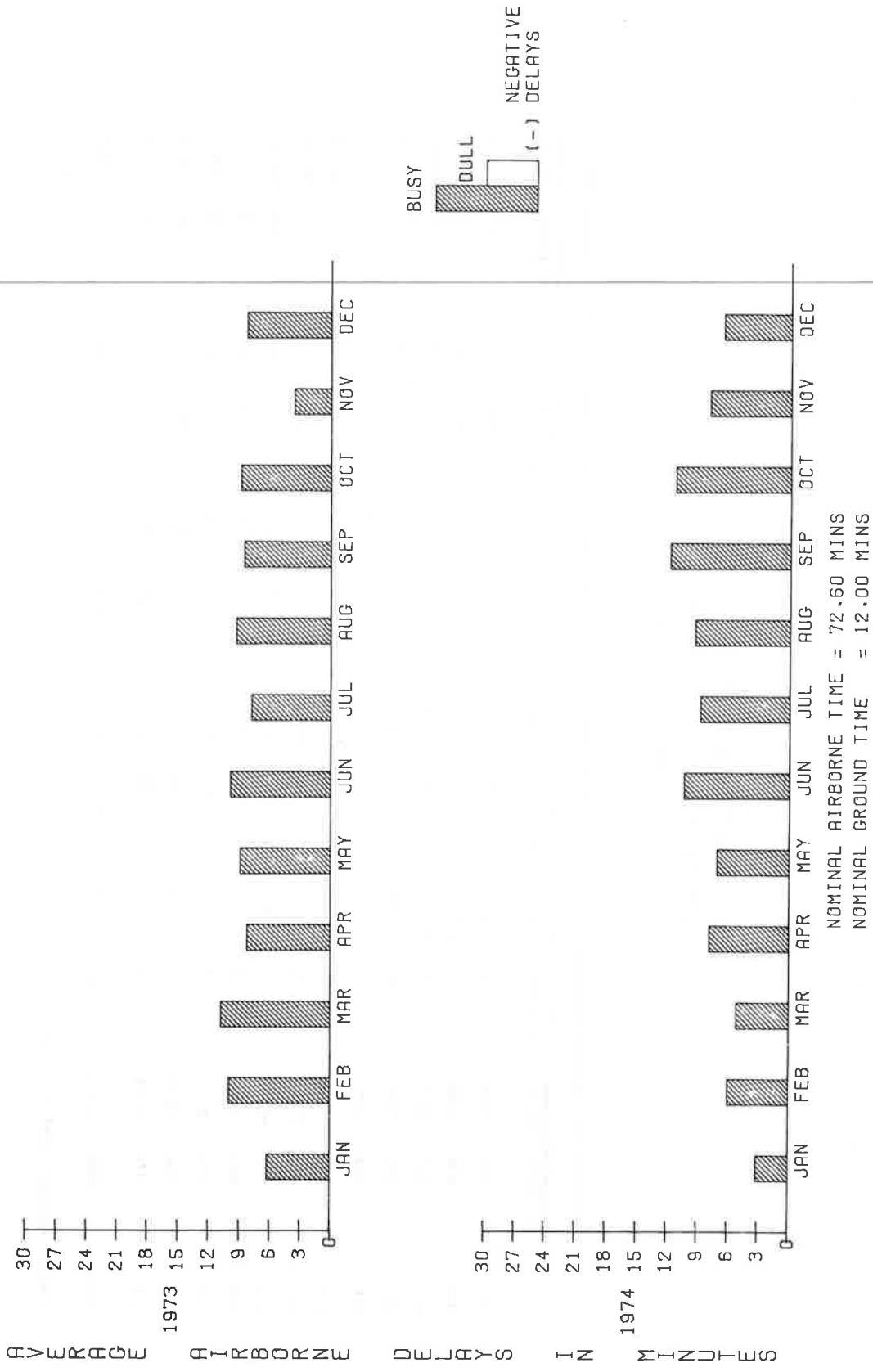


TABLE I-1-33

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

1973			1974			TOTAL		
#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY
JAN 449 0:03	51 0:01	128 0:09	30 0:08	577 0:05	81 0:03			
FEB 470 0:01	48 -0:02	453 0:06	42 0:04	923 0:03	90 0:01			
MAR 525 0:02	56 -0:01	506 0:12	57 0:09	1031 0:07	113 0:04			
APR 496 0:04	46 -0:02	468 0:06	51 0:03	964 0:05	97 0:00			
MAY 519 0:01	52 -0:00	155 0:06	31 0:03	674 0:02	83 0:01			
JUN 471 -0:01	51 -0:04	147 0:00	29 -0:02	618 -0:01	80 -0:03			
JUL 489 -0:01	51 -0:03	148 -0:02	30 -0:05	637 -0:01	81 -0:04			
AUG 544 -0:04	53 -0:05	522 0:03	53 -0:01	1066 -0:01	106 -0:03			
SEP 463 0:00	49 -0:01	482 0:05	47 0:01	945 0:03	96 0:00			
OCT 452 0:00	52 -0:01	455 0:04	54 -0:01	907 0:02	106 -0:01			
NOV 344 0:09	48 0:09	466 0:05	46 0:02	810 0:07	94 0:06			
DEC 370 0:03	45 0:01	470 0:06	48 0:02	840 0:05	93 0:02			
TOTAL 5592 0:01	602 -0:01	4400 0:05	518 0:02	9992 0:03	1120 0:01			
NOMINAL AIRBURN TIME = 1:57								

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

FIGURE I-1-33

ROUTE SEGMENT ORD TO DEN

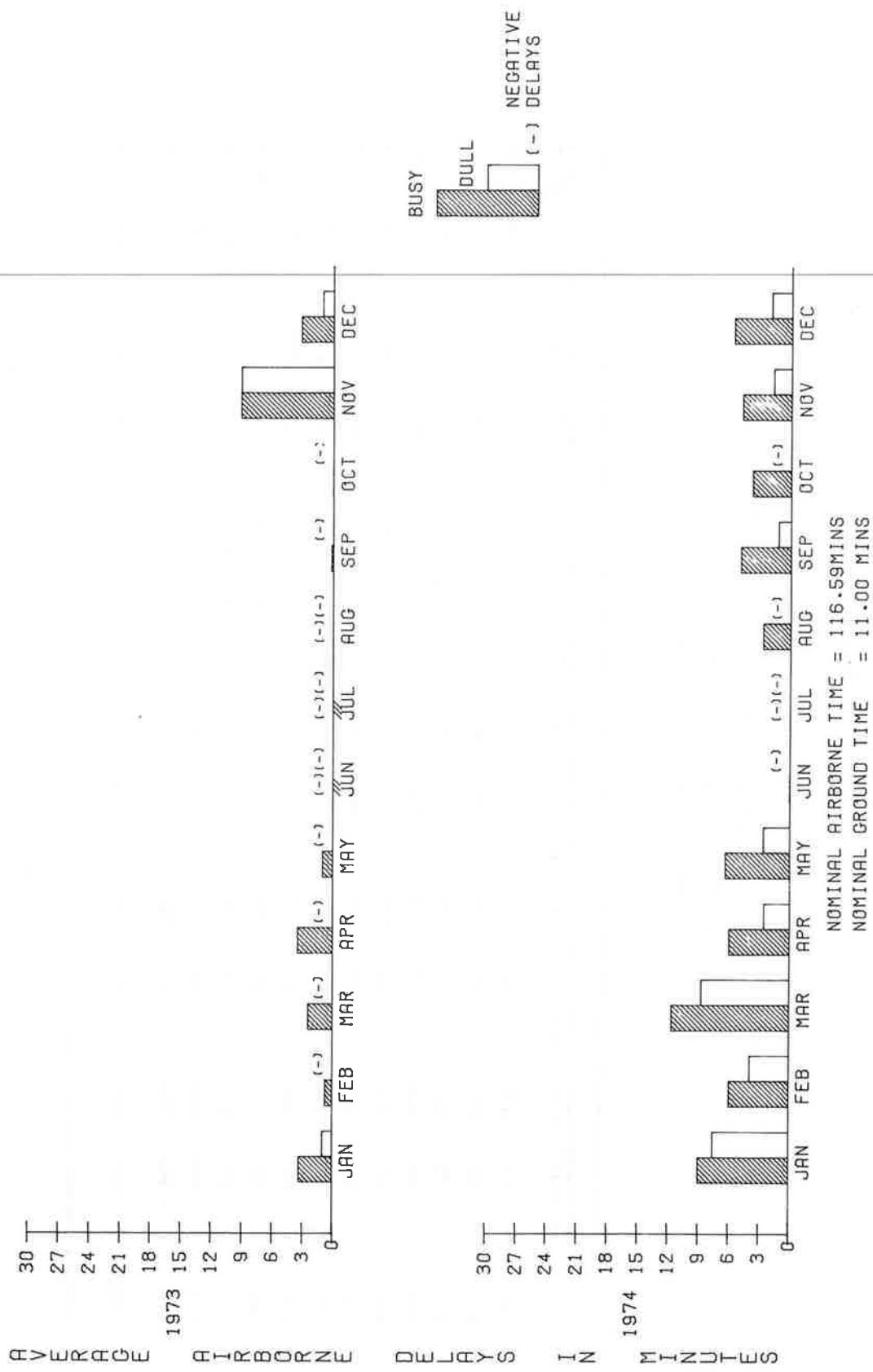


TABLE I-1-34

AIRLINE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT (RD 222 DTW)

		1973				1974				TOTAL			
	#FLIGHTS	BUSY DELAY	DULL DELAY										
JAN	357	0:08	59	0:10	184	0:05	541	0:07	59	0:10			
FEB	568	0:04	28	0:07	397	0:06	965	0:07	56	0:06			
MAR	591	0:10	29	0:08	379	0:07	31	0:06	970	0:08	60	0:07	
APR	553	0:08	30	0:08	376	0:07	30	0:07	929	0:07	60	0:07	
MAY	557	0:08	31	0:09	348	0:06	31	0:06	905	0:07	62	0:07	
JUN	409	0:08	30	0:07	193	0:05			602	0:07	30	0:07	
JUL	387	0:07	30	0:09	168	0:10			555	0:08	30	0:09	
AUG	530	0:08	61	0:07	592	0:08	62	0:07	1122	0:08	123	0:07	
SEP	449	0:07	58	0:07	395	0:08	59	0:09	844	0:07	117	0:08	
OCT	427	0:09	56	0:07	334	0:07	62	0:10	761	0:08	118	0:08	
NOV	499	0:06	30	0:05	405	0:08			904	0:07	30	0:05	
DEC	493	0:08	30	0:08	244	0:07			737	0:07	30	0:08	
TOTAL	5820	0:08	472	0:08	4015	0:07	303	0:08	9835	0:08	775	0:08	
NOMINAL AIRBORNE TIME =													0:31

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

ROUTE SEGMENT ORD TO DTTW

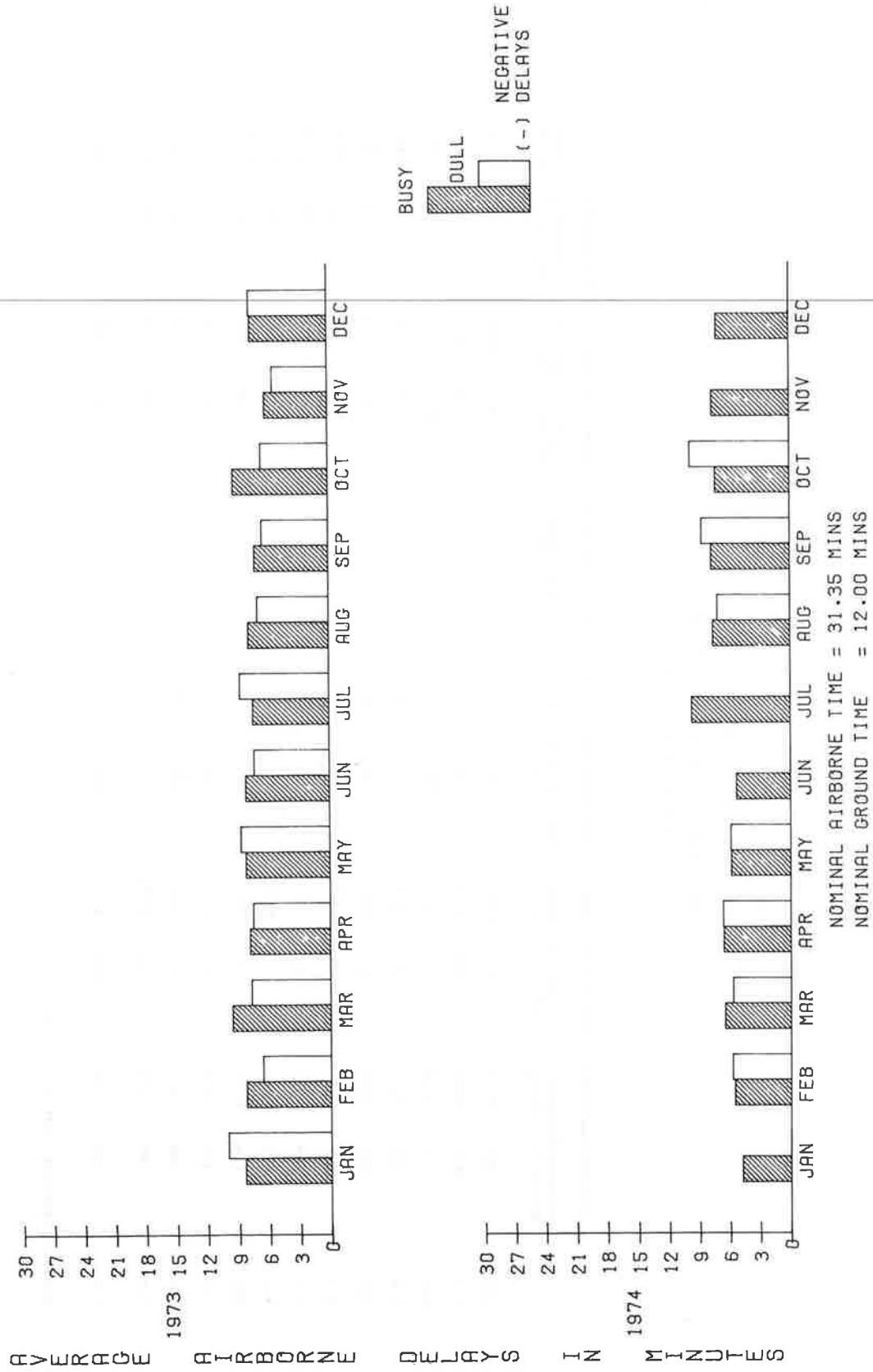


TABLE I-1-35

AIRBORNE DELAYS BY MONTH  
AVERAGES FOR HUSY VS. DULL INTERVALS  
FOR ROUTE SEGMENT (IND ==> EWR)

	1973			1974			TOTAL		
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY
JAN	361	0:04	22	-0:00	50	0:00	391	0:04	22
FEB	415	0:08	19	0:04	349	0:03	764	0:06	19
MAR	444	0:09	21	0:07	390	0:02	834	0:06	21
APR	406	0:08	20	0:04	382	0:05	788	0:06	20
MAY	440	0:09	21	0:04	136	0:06	576	0:08	21
JUN	256	0:11	21	0:08	100	0:10	356	0:10	21
JUL	264	0:07	20	0:06	72	0:10	336	0:08	20
AUG	475	0:09	23	0:08	349	0:12	824	0:10	23
SEP	378	0:06	20	0:05	266	0:10	644	0:07	20
OCT	334	0:07	21	0:05	261	0:09	595	0:08	21
NOV	186	0:03	21	0:01	316	0:07	502	0:06	21
DEC	187	0:05	18	0:05	284	0:05	471	0:05	18
TOTAL	4146	0:07	247	0:05	2935	0:07	7081	0:07	247
NOMINAL AIRBORNE TIME =									0:05
									1:24

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

ROUTE SEGMENT ORD TO EWR

FIGURE I-1-35

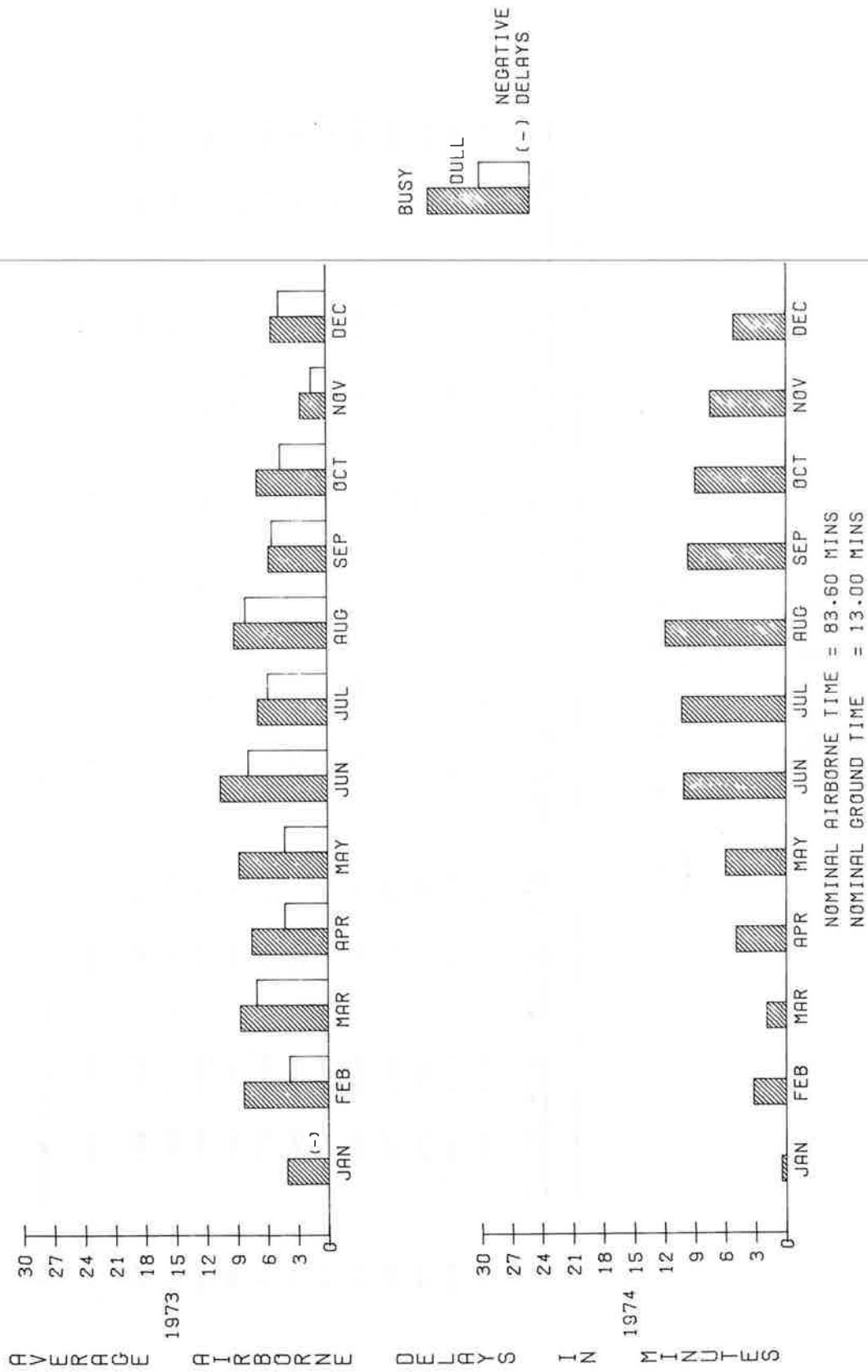


TABLE I-1-36

AIRBORNE DELAYS BY MONTH  
 AVERAGES FIR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT (IND ==> LAX)

	1973			1974			TOTAL			
	BUSY	DULL	#FLIGHTS	BUSY	DULL	#FLIGHTS	BUSY	DULL	#FLIGHTS	
	DFLT	DFLT	DELAY	DFLT	DFLT	DELAY	DFLT	DFLT	DELAY	
JAN	520	0:07	127	0:10	182	0:21	23	0:19	702	0:11
FEB	498	0:09	116	0:12	468	0:12	87	0:18	966	0:10
MAR	562	0:05	129	0:09	508	0:19	95	0:24	1070	0:12
APR	551	0:03	124	0:05	526	0:14	70	0:18	1077	0:08
MAY	596	0:01	126	0:07	267	0:10	24	0:20	863	0:03
JUN	565	-0:02	113	0:06	231	-0:00	21	0:06	796	-0:02
JUL	598	-0:01	122	0:05	236	-0:04	22	0:02	834	-0:02
AUG	631	-0:05	177	0:00	621	0:04	198	0:11	1252	-0:01
SEP	575	0:01	148	0:06	552	0:05	145	0:11	1127	0:03
OCT	564	0:03	146	0:07	561	0:07	143	0:14	1125	0:05
NOV	389	0:16	80	0:26	541	0:07	60	0:13	930	0:11
DEC	430	0:04	82	0:13	508	0:09	62	0:15	938	0:07
TOTAL	6479	0:03	1490	0:08	5201	0:09	970	0:14	11680	0:05
NOMINAL AIRBORNE TIME =									2460	0:10

NOMINAL AIRBORNE TIME =

3:34

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

FIGURE I-1-36

ROUTE SEGMENT ORD TO LAX

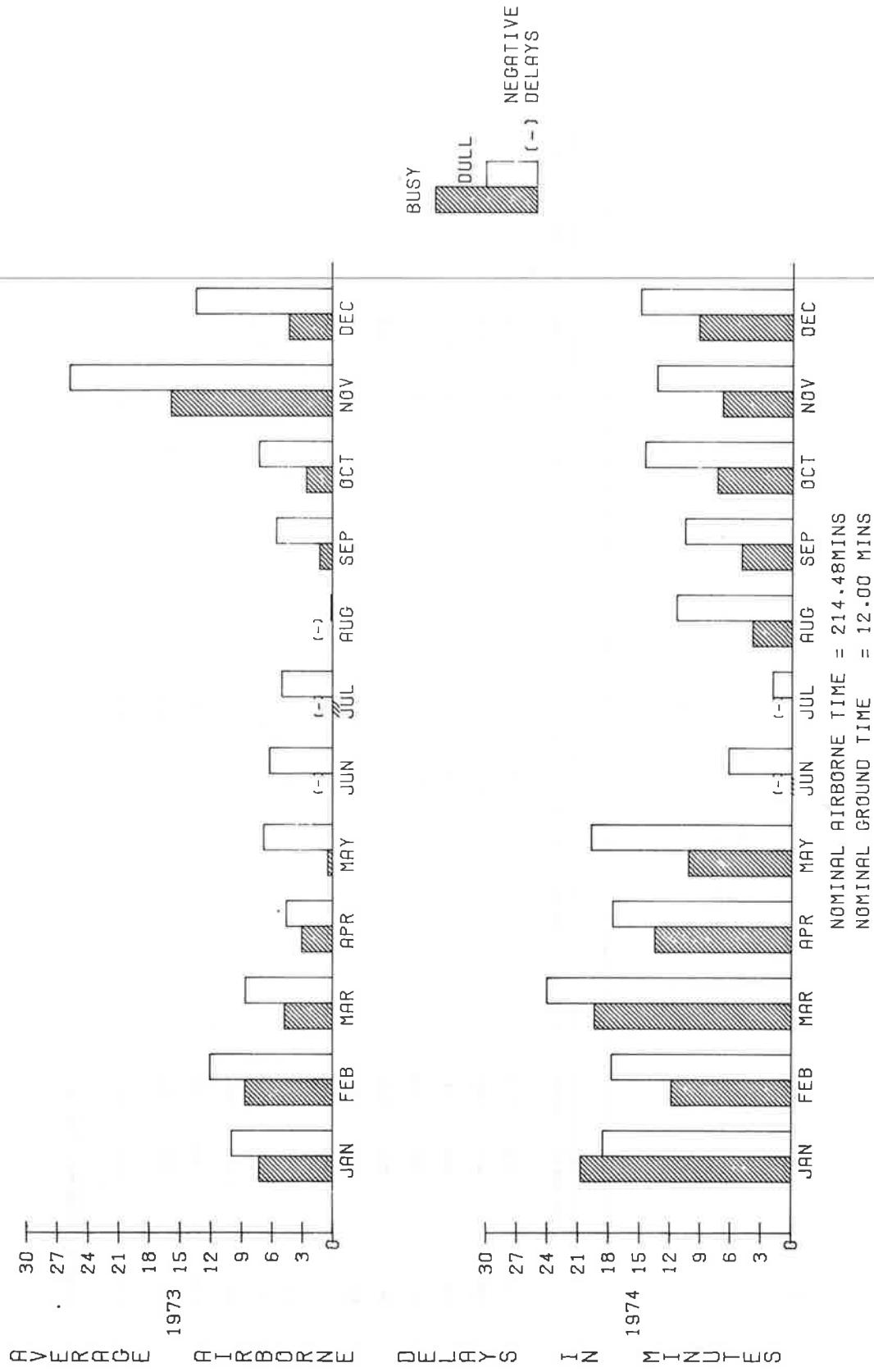


TABLE I-1-37

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

	1973			1974			TOTAL		
	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DULL #FLIGHTS	DELAY
JAN	884	0:07		315	0:01		1199	0:05	
FEB	851	0:11		680	0:06		1531	0:08	
MAR	940	0:14		776	0:14		1716	0:09	
APR	939	0:12		774	0:07		1713	0:10	
MAY	997	0:12		370	0:07		1367	0:11	
JUN	776	0:14		259	0:15		1035	0:14	
JUL	802	0:09		168	0:13		970	0:09	
AUG	1007	0:12		891	0:15		1898	0:13	
SEP	879	0:08		795	0:14		1674	0:11	
OCT	832	0:09		811	0:12		1643	0:11	
NOV	525	0:03		834	0:11		1359	0:08	
DEC	555	0:08		732	0:08		1287	0:08	
TOTAL	9987	0:10		7405	0:09		17391	0:10	
NOMINAL AIRBORNE TIME =	1:26								

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

FIGURE I-1-37

ROUTE SEGMENT ORD TO LGA

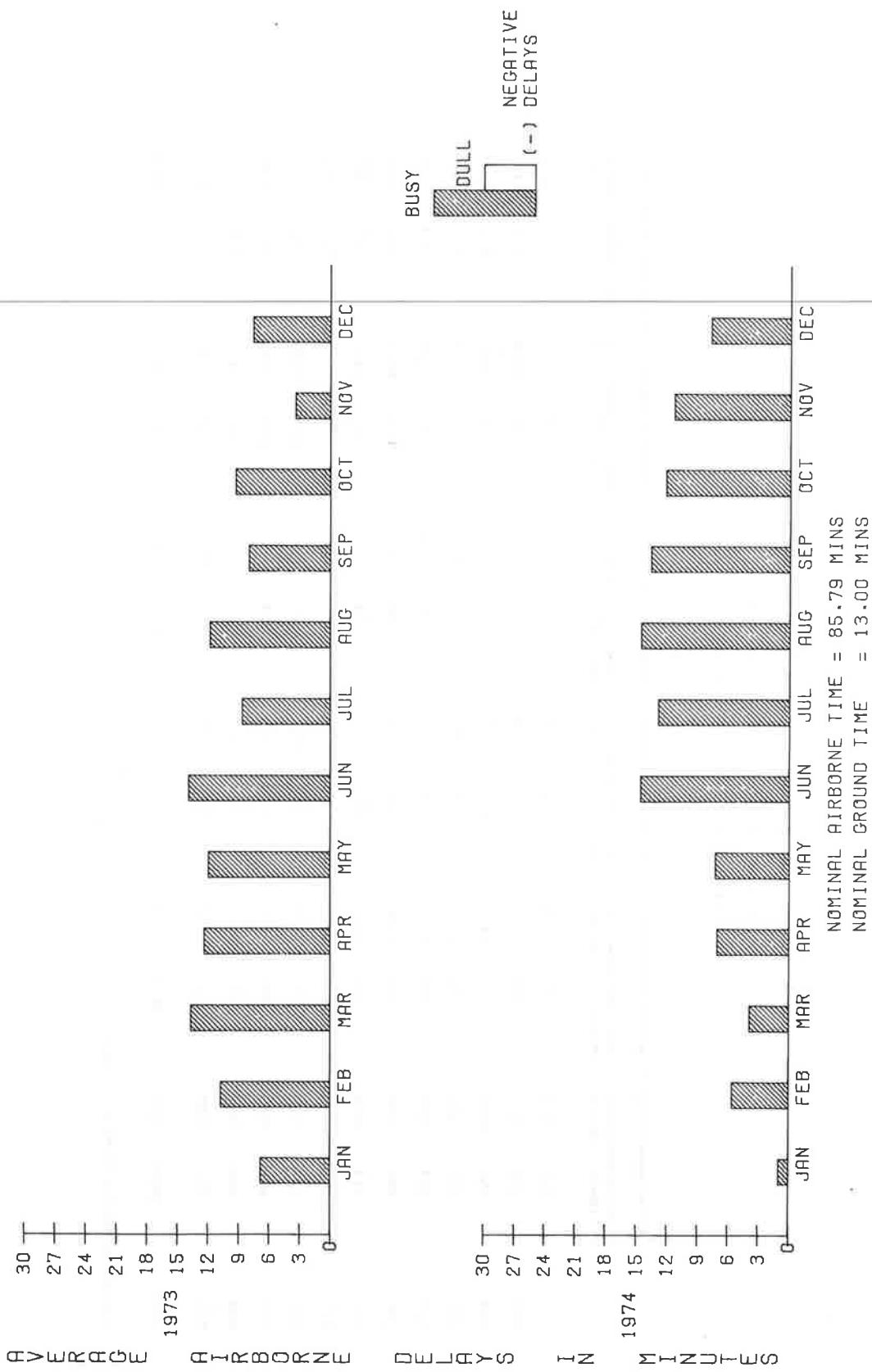


TABLE I-1-38

AIRBORNE DELAYS BY MONTH  
 AVFLIGHTS FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT ORD ==> MSP

1973			1974			TOTAL				
#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	
JAN	507	0:05	47	0:05	61	0:05	568	0:05	47	0:03
FEB	576	0:04	95	0:03	558	0:06	54	0:03	1134	0:05
MAR	553	0:04	107	0:03	614	0:07	29	0:04	1167	0:06
APR	540	0:04	100	0:03	602	0:05	30	0:01	1142	0:05
MAY	649	0:05	81	0:03	479	0:07	62	0:05	1128	0:06
JUN	494	0:05	46	0:06	327	0:04	55	0:04	821	0:04
JUL	513	0:04	50	0:01	330	0:03	53	0:03	843	0:04
AUG	694	0:04	110	0:01	661	0:04	110	0:02	1355	0:04
SEP	613	0:04	86	0:01	607	0:04	105	0:03	1220	0:04
OCT	604	0:05	80	0:01	625	0:05	103	0:03	1229	0:05
NOV	646	0:06	100	0:04	166	0:04	20	0:02	812	0:06
DEC	580	0:05	64	0:02	168	0:05	16	0:03	748	0:05
TOTAL	6969	0:05	966	0:02	5198	0:05	657	0:05	12167	0:05
NOMINAL AIRBORNE TIME =									1603	0:03

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

FIGURE I-1-38

ROUTE SEGMENT ORD TO MSP

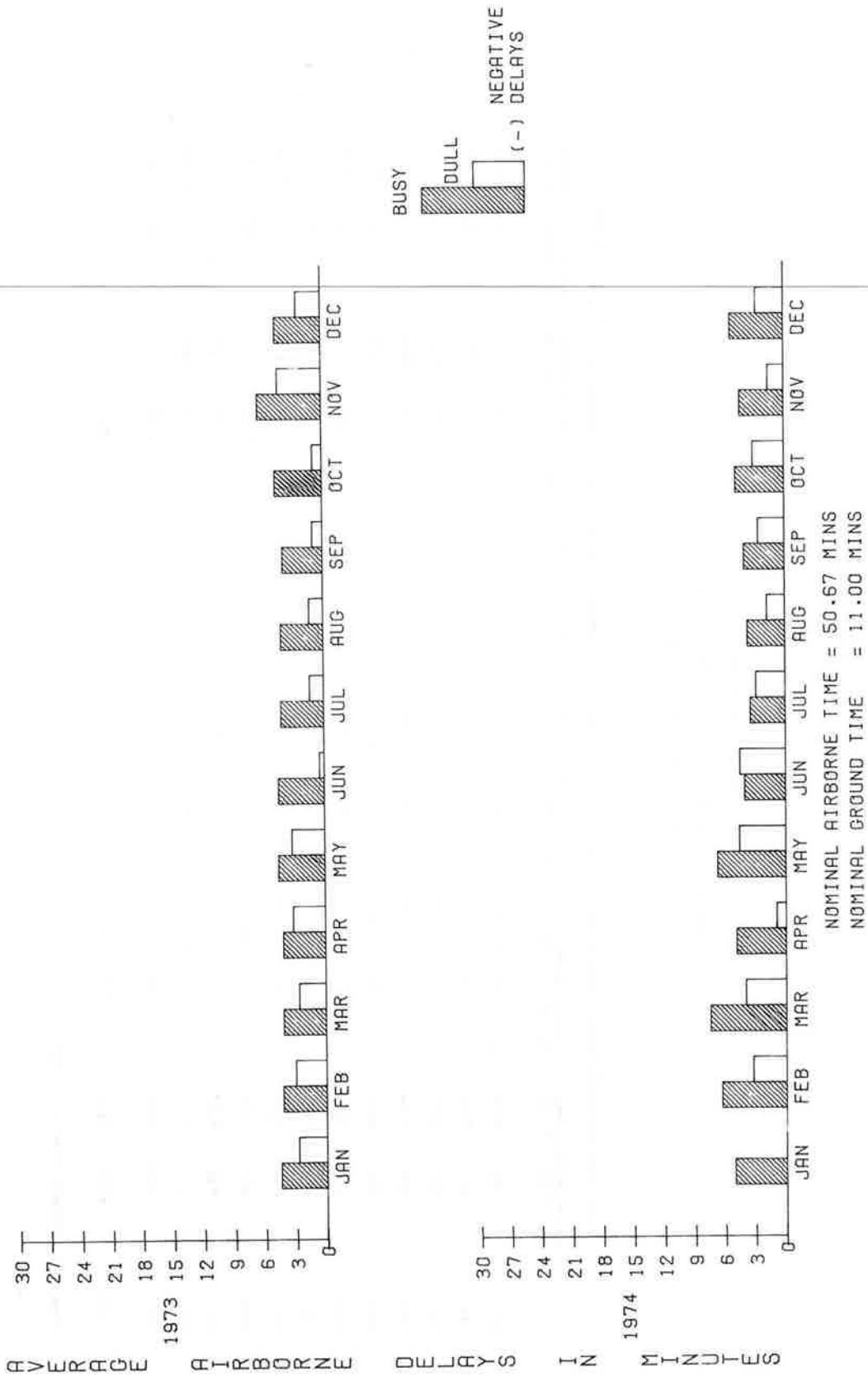


TABLE I-1-39

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

	1973			1974			TOTAL		
	#FLIGHTS	HUSY	DELAY	#FLIGHTS	BUSY	DELAY	#FLIGHTS	DULL	DELAY
JAN	562	0:02	22	-0:00	241	0:02	803	0:02	22 -0:00
FEB	535	0:04	18	0:01	519	0:02	1054	0:03	18 0:01
MAR	560	0:03	21	0:02	533	0:01	1093	0:02	21 0:02
APR	455	0:04	20	0:02	466	0:03	921	0:04	20 0:02
MAY	570	0:03	22	0:02	245	0:02	815	0:03	22 0:02
JUN	460	0:04	21	0:02	238	0:05	698	0:04	21 0:02
JUL	474	0:03	21	0:01	247	0:07	721	0:04	21 0:01
AUG	544	0:07	22	0:04	769	0:08	1313	0:07	22 0:04
SEP	482	0:04	18	0:01	654	0:08	1136	0:06	18 0:01
OCT	436	0:07	17	0:07	653	0:06	1089	0:07	17 0:07
NOV	403	0:02	21	-0:01	707	0:07	1110	0:06	21 -0:01
DEC	393	0:04	15	0:03	665	0:06	1058	0:05	15 0:03
TOTAL	5874	0:04	238	0:02	5937	0:05	11811	0:05	238 0:02
NOMINAL AIRBORNE TIME =									0:54

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

FIGURE I-1-39  
ROUTE SEGMENT ORD TO PIT

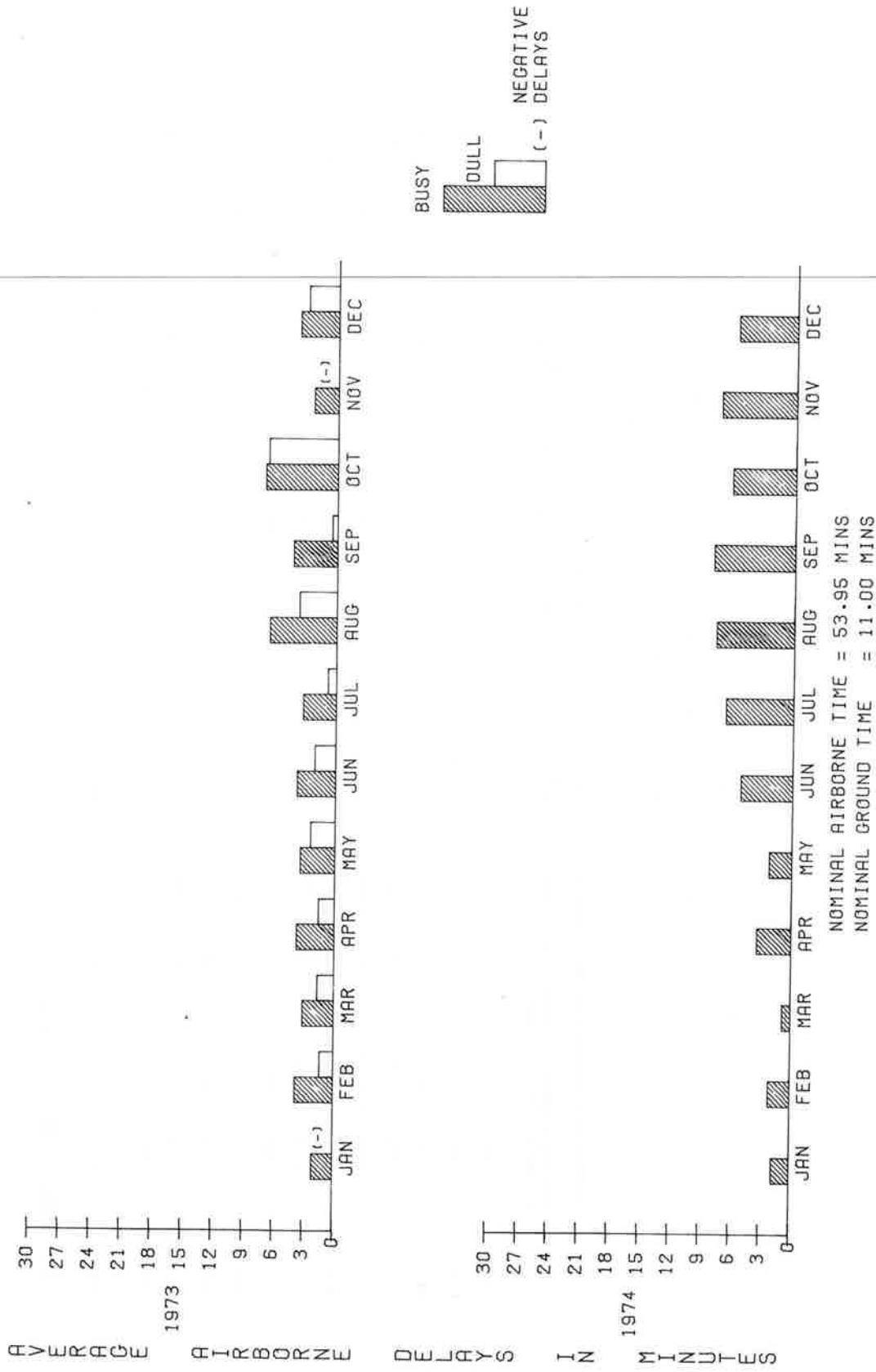


TABLE I - 1-40

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR HUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT (IIRN ==> SFU)

	1973			1974			TOTAL		
	HUSY #FLIGHTS	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DULL #FLIGHTS	DELAY
JAN	374 0:06	79 0:09	83 0:11				457 0:07	79 0:09	
FEB	341 0:07	77 0:04	348 0:10				689 0:08	111 0:06	
MAR	385 0:00	90 -0:00	398 0:16				783 0:08	132 0:05	
APR	373 -0:02	78 -0:07	391 0:06				764 0:02	119 -0:02	
MAY	414 -0:02	85 -0:03	119 0:09				533 0:00	89 -0:03	
JUN	404 -0:06	81 -0:01	99 -0:02				503 -0:06	86 -0:01	
JUL	413 -0:05	76 -0:05	87 -0:07				500 -0:05	78 -0:05	
AUG	482 -0:06	64 -0:04	477 0:00				959 -0:03	115 -0:01	
SEP	401 -0:02	39 -0:05	411 -0:00				812 -0:01	80 -0:03	
OCT	374 0:01	44 -0:01	415 0:01				787 0:01	92 0:00	
NOV	284 0:21	38 0:14	390 0:03				674 0:11	78 0:12	
DEC	300 0:06	33 0:10	383 0:04				683 0:05	72 0:07	
TOTAL	4545 0:01	784 0:00	3599 0:05				8144 0:02	1129 0:02	
NOMINAL AIRBORNE TIME =	3:53								

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

FIGURE I-1-40

ROUTE SEGMENT ORD TO SFO

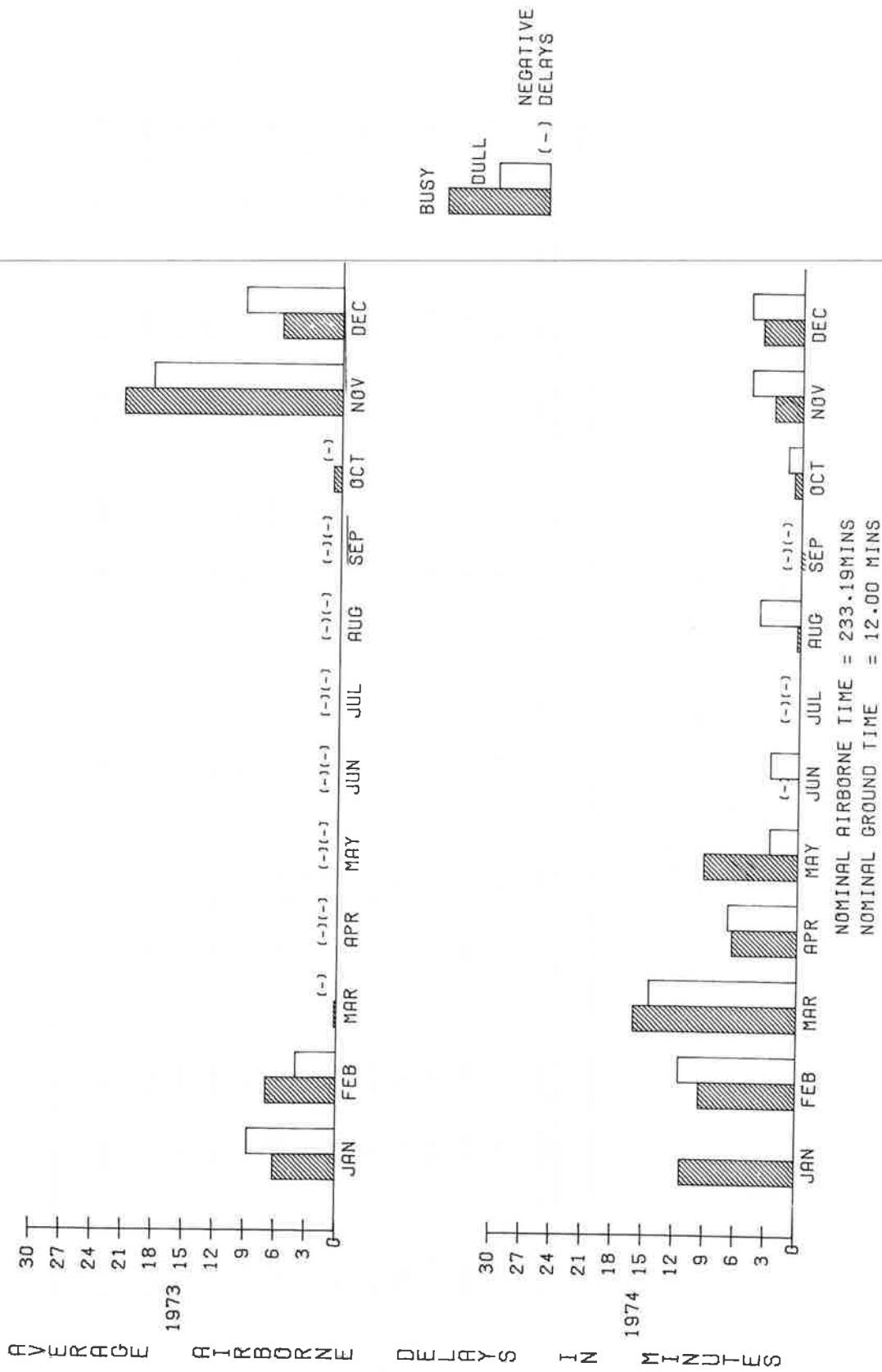


TABLE I-1-41

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

		1973				1974				TOTAL			
	#FLIGHTS	DULL		BUSY		DULL		BUSY		DULL		#FLIGHTS	
		#FLIGHTS	DELAY										
JAN	441	0:06	51	0:02	272	0:08	25	-0:02	713	0:07	76	0:01	
FEB	583	0:05	47	-0:03	324	0:05	28	-0:04	911	0:05	75	-0:04	
MAR	606	0:07	51	-0:00	307	0:04	26	-0:01	913	0:06	77	-0:01	
APR	531	0:03	42	-0:06	270	0:04	26	-0:05	801	0:05	68	-0:06	
MAY	480	0:03	31	-0:09	502	0:05	50	0:01	982	0:04	81	-0:03	
JUN	329	0:02	50	-0:07	425	0:04	49	0:00	754	0:03	79	-0:03	
JUL	417	0:02	49	-0:06	412	0:03	27	0:04	829	0:02	76	-0:02	
AUG	589	0:03	53	-0:04	599	0:06	26	0:04	1188	0:04	79	-0:01	
SEP	526	0:04	50	-0:04	523	0:06	25	0:04	1049	0:05	75	-0:01	
OCT	526	0:03	54	-0:04	530	0:04	26	0:03	1056	0:04	80	-0:02	
NOV	566	0:03	51	-0:01	424	0:05			990	0:04	51	-0:01	
DEC	513	0:06	43	-0:01	356	0:05			869	0:05	43	-0:01	
TOTAL	6107	0:04	552	-0:03	4948	0:05	308	0:00	11055	0:04	860	-0:02	
NOMINAL AIRBORNE TIME =													0:39

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

FIGURE I-1-41

ROUTE SEGMENT ORD TO STL

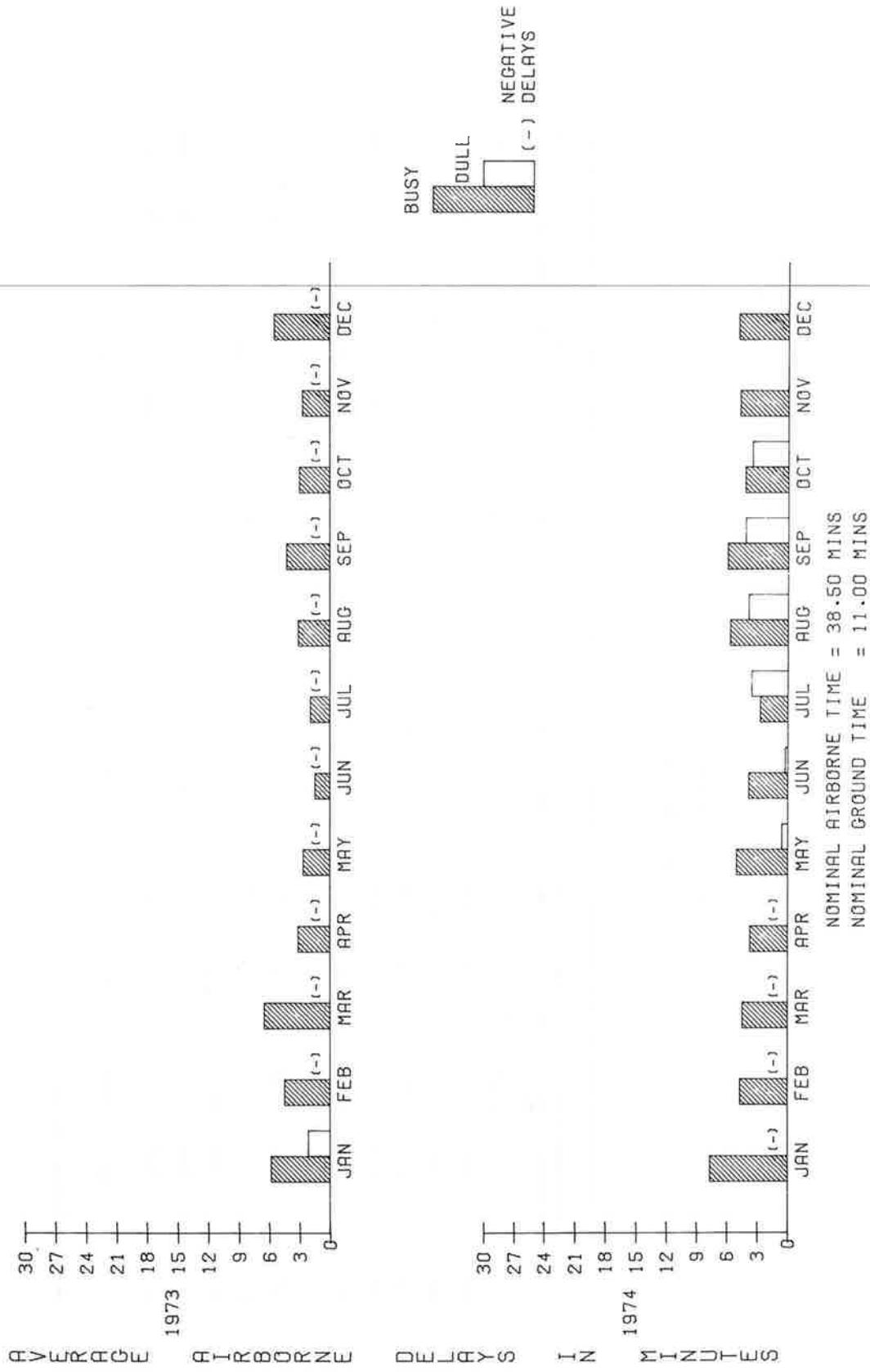


TABLE I-1-42

AIRBORNE DELAYS BY MONTH  
 AVGHAGES FOR HUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT PHL => HNS

1973			1974			TOTAL				
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	#FLIGHTS	DELAY	#FLIGHTS	DELAY	
JAN	452	0:12	33	0:06	361	0:14	1	0:04	813	0:13
FEB	464	0:14	81	0:09	509	0:16			973	0:15
MAR	509	0:13	86	0:10	567	0:14			876	0:13
APR	497	0:13	58	0:08	313	0:14			810	0:13
MAY	532	0:13	34	0:10	559	0:15	31	0:12	1091	0:14
JUN	554	0:15	32	0:10	531	0:14	29	0:10	1085	0:14
JUL	566	0:14	34	0:11	550	0:15	31	0:11	1116	0:14
AUG	580	0:14	35	0:11	704	0:16	61	0:09	1284	0:15
SEP	555	0:14	33	0:07	674	0:15	53	0:19	1229	0:14
OCT	401	0:14	26	0:09	689	0:14	58	0:08	1090	0:14
NOV	596	0:13	29	0:09	641	0:14	55	0:08	1237	0:14
DEC	547	0:13	16	0:10	648	0:15	60	0:09	1195	0:14
TOTAL	6253	0:14	497	0:09	6546	0:15	379	0:11	12799	0:14
NOMINAL AIRBORNE TIME =									876	0:10

ROUTE SEGMENT PHL TO BOSS

FIGURE I-1-42

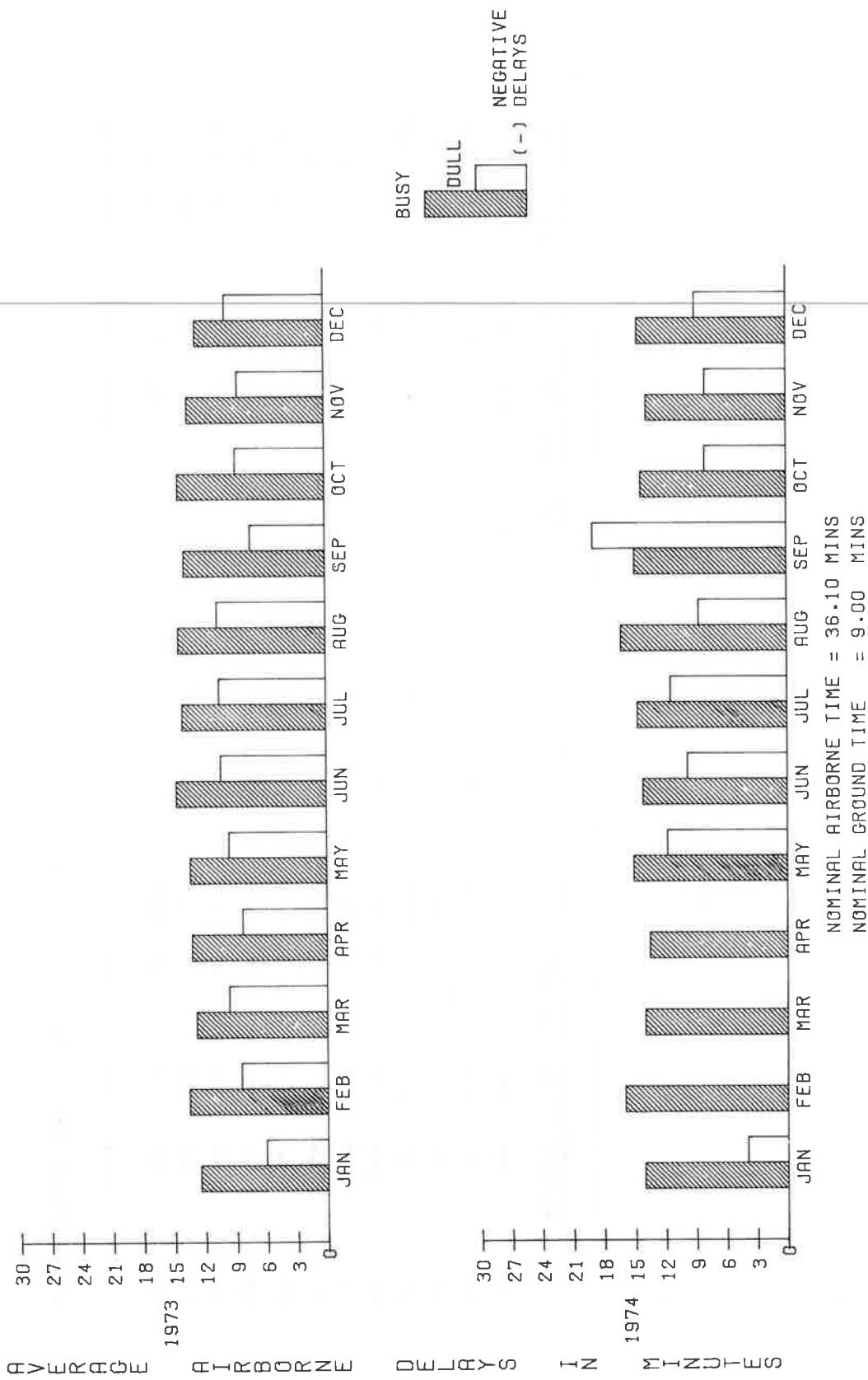


TABLE I-1-43

AIRLINE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT PHL => PTT

	1973				1974				TOTAL			
	#FLIGHTS	DELAY										
JAN	568	0:03	9	0:01	273	0:06	1	0:06	841	0:04	10	0:02
FEB	531	0:03	9	0:00	463	0:04			994	0:04	9	0:00
MAR	585	0:03	9	0:00	285	0:03			870	0:03	9	0:00
APR	564	0:03	8	-0:02	284	0:01			848	0:02	8	-0:02
MAY	568	0:02	34	0:00	432	0:03			1000	0:03	34	0:00
JUN	512	0:01	34	-0:01	417	0:02			929	0:02	34	-0:01
JUL	528	0:00	34	-0:02	423	0:04			951	0:02	34	-0:02
AUG	562	0:02	36	-0:04	620	0:06			1162	0:04	36	-0:04
SEP	535	0:02	53	-0:00	585	0:10			1120	0:06	33	-0:00
OCT	428	0:04	29	0:02	624	0:07			1052	0:06	29	0:02
NOV	455	0:04	29	0:01	557	0:07			1017	0:06	29	0:01
DEC	441	0:03	14	-0:01	585	0:08			1026	0:06	14	-0:01
TOTAL	6277	0:03	278	-0:01	5548	0:06	1	0:06	11825	0:04	279	-0:01

NOMINAL AIRTIME TIME = 0:44

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

FIGURE I-1-43  
ROUTE SEGMENT PHL TO PIT

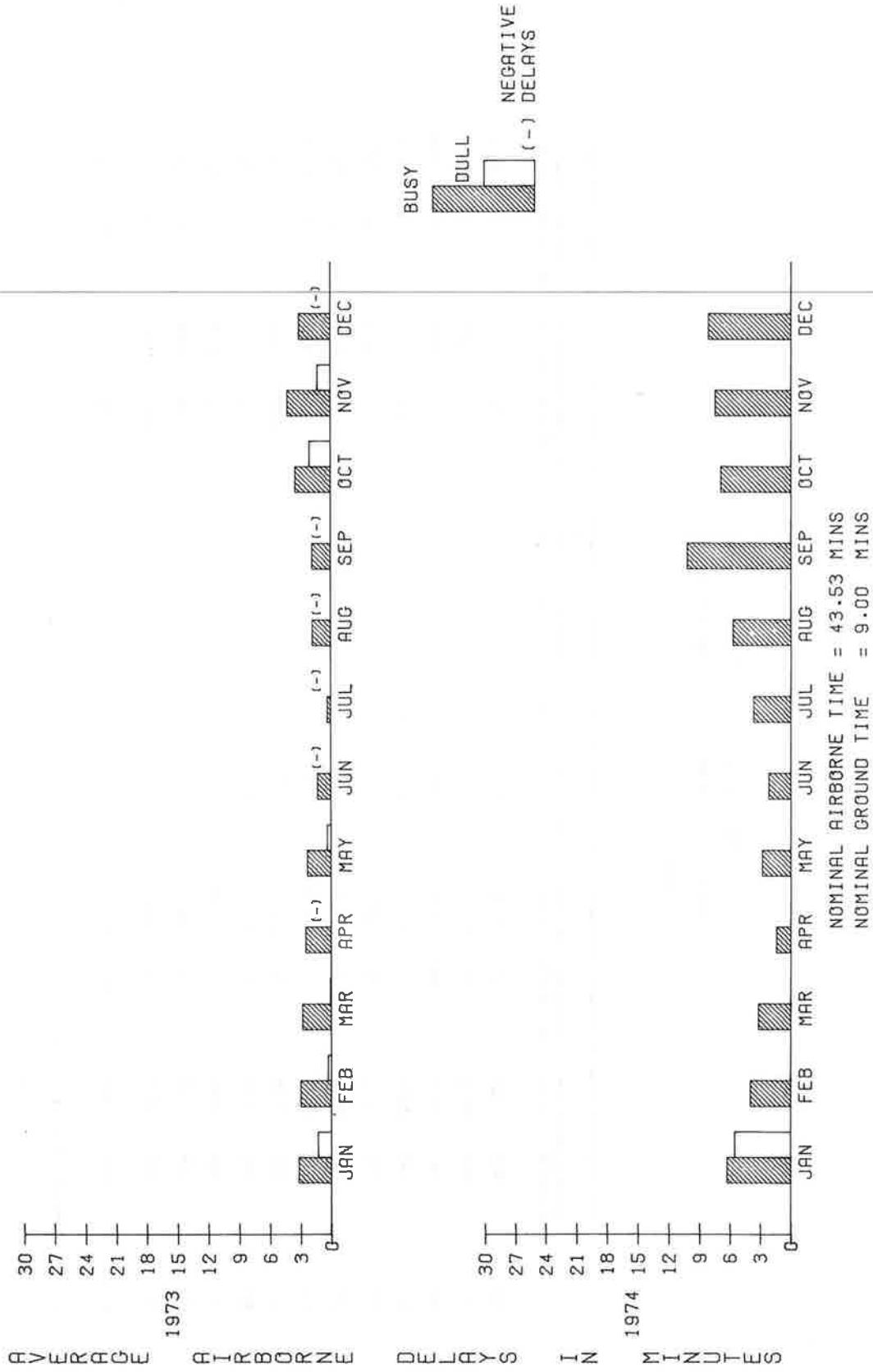


TABLE I-1-44

AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FIR ROUTE SEGMENT PIT ==> NRD

	1973				1974				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY										
JAN	503	0:10	48	0:02	220	0:13	723	0:11	48	0:02	1226	0:11
FEB	535	0:12	42	-0:01	520	0:13	1055	0:12	42	-0:01	1807	0:12
MAR	567	0:14	49	0:02	529	0:13	1096	0:13	49	0:02	1965	0:13
APR	487	0:05	19	-0:04	489	0:06	976	0:06	19	-0:04	1551	0:06
MAY	574	0:06	48	0:00	246	0:09	820	0:06	48	0:00	1442	0:06
JUN	531	0:03	47	-0:02	259	0:04	770	0:03	47	-0:02	1350	0:03
JUL.	535	0:04	45	-0:01	248	0:04	783	0:04	45	-0:01	1373	0:04
AUG	581	0:02	50	-0:04	830	0:14	1411	0:09	50	-0:04	2122	0:09
SEP	494	0:09	44	-0:01	760	0:21	1254	0:16	44	-0:01	2008	0:16
OCT	451	0:05	49	-0:01	790	0:17	1241	0:13	49	-0:01	1882	0:13
NOV	409	0:07	44	0:04	771	0:10	1180	0:09	44	0:04	1633	0:09
DEC	421	0:11	16	0:01	739	0:11	1160	0:11	16	0:01	1617	0:11
TOTAL	6088	0:07	501	-0:00	6381	0:12	12469	0:10	501	-0:00	23850	0:10
NOMINAL AIRBORNE TIME =												1:04

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

FIGURE I-1-44

ROUTE SEGMENT PIT TO ORD

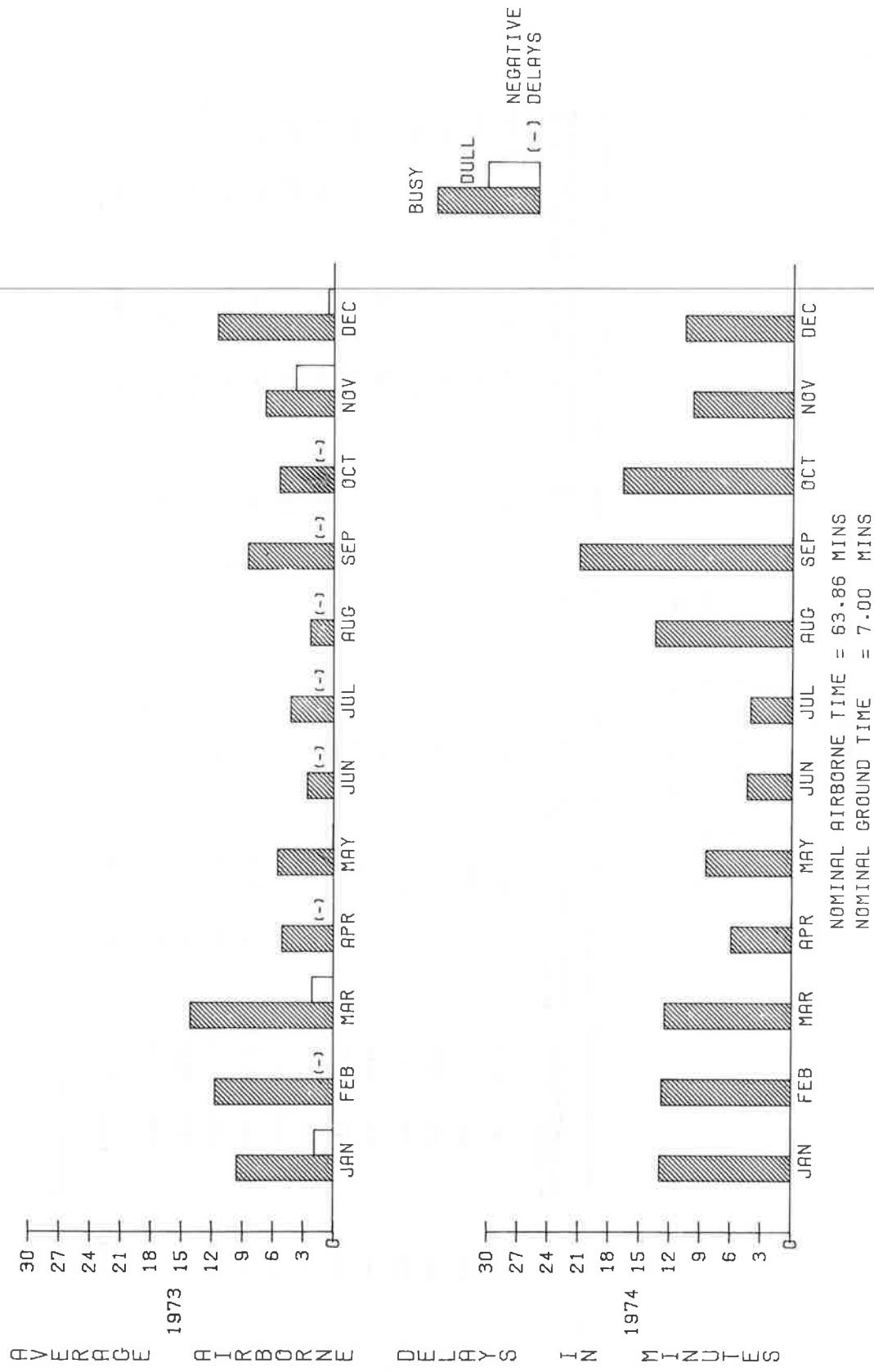


TABLE I-1-45

AIRBORNE DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR ROUTE SFGMNT PTI => PHL

	1973				1974				1975			
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	#FLIGHTS	BUSY DELAY	DULL DELAY	
JAN	595	0:09	63	0:07	297	0:11	30	0:11	892	0:10	93	0:08
FEB	533	0:11	55	0:09	466	0:12			999	0:11	55	0:09
MAR	591	0:11	59	0:08	346	0:11			937	0:11	59	0:08
APR	568	0:12	55	0:11	348	0:11			916	0:12	55	0:11
MAY	569	0:12	60	0:09	452	0:15	31	0:11	1001	0:13	91	0:10
JUN	518	0:15	59	0:14	418	0:15	30	0:12	936	0:15	89	0:13
JUL	531	0:13	58	0:11	425	0:15	50	0:11	956	0:14	88	0:11
AUG	569	0:13	62	0:10	625	0:15	51	0:12	1194	0:14	93	0:11
SEP	541	0:12	56	0:09	592	0:15	50	0:10	1133	0:14	86	0:09
OCT	424	0:14	87	0:13	629	0:14	51	0:11	1053	0:14	118	0:12
NOV	459	0:12	30	0:12	559	0:14	27	0:11	1018	0:13	57	0:12
DEC	446	0:14	30	0:08	589	0:13	28	0:11	1055	0:13	58	0:10
TOTAL	6349	0:12	674	0:10	5726	0:14	268	0:11	12070	0:13	942	0:10

NOMINAL AIRTRANE TIME = 0:33

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

FIGURE I-1-45

ROUTE SEGMENT PIT TO PHL

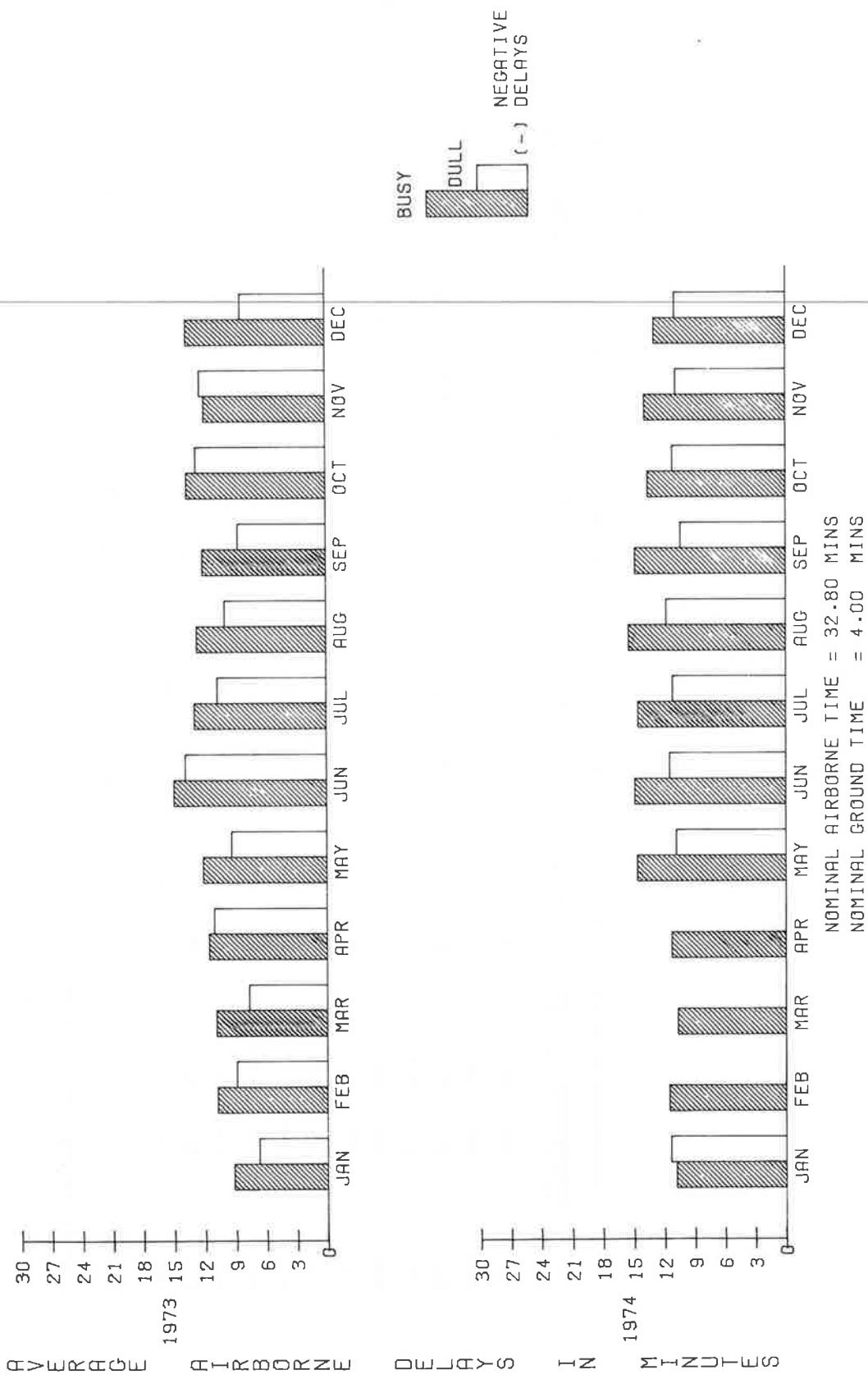


TABLE I-1-46

AIRBORNE DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR RUMBLE SEGMENT SEA => SFO

	1973			1974			TOTAL			
	HU.SY	DULL	#FLIGHTS	HU.SY	DULL	#FLIGHTS	HU.SY	DULL	#FLIGHTS	
JAN	385	0:13	29	0:04	0:04	20	0:13	29	0:04	
FEB	370	0:15	28	0:05	0:05	27	0:10	697	0:13	
MAR	417	0:11	51	0:02	361	0:12	22	0:07	778	0:11
APR	403	0:09	30	-0:00	348	0:10	9	0:04	751	0:10
MAY	461	0:13	51	0:06	3	0:21			464	0:13
JUN	437	0:13	50	0:04	15	0:15			450	0:13
JUL	427	0:13	31	0:05	14	0:14			441	0:13
AUG	472	0:13	31	0:06	469	0:14	31	0:05	941	0:14
SEP	432	0:12	50	0:05	349	0:13	23	0:04	781	0:13
OCT	418	0:12	31	0:04	329	0:12	31	0:03	747	0:12
NOV	360	0:14	29	0:08	201	0:13			561	0:13
DEC	357	0:09	31	0:04	214	0:09			551	0:09
TOTAL	4919	0:13	362	0:04	2628	0:12	136	0:05	7547	0:12
NOMINAL AIRBORNE TIME =									498	0:04

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

FIGURE I-1-46

ROUTE SEGMENT SEA TO SFO

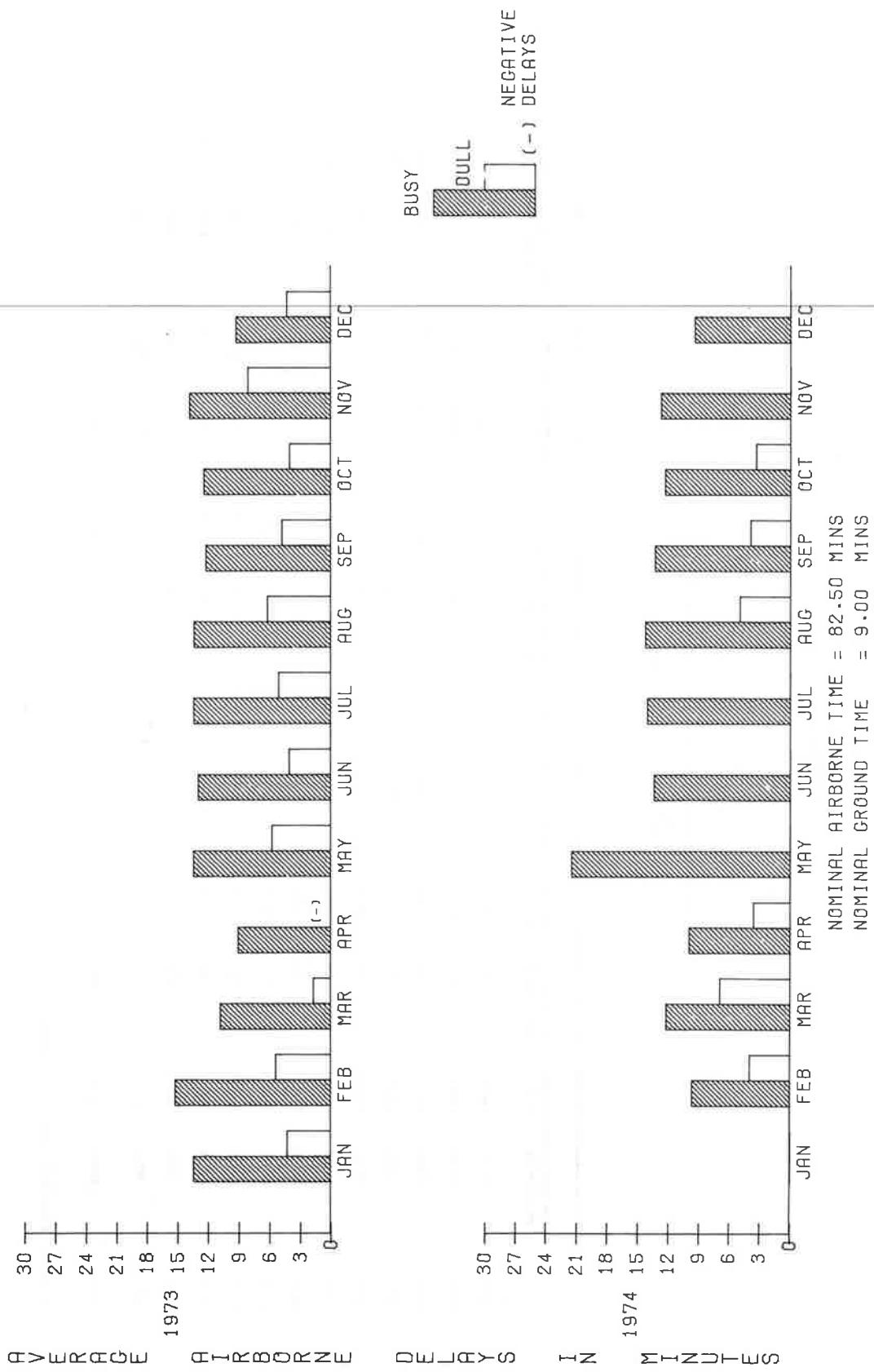


TABLE I-1-47

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

	1973			1974			TOTAL			
	#FLIGHTS	BUSY	DULL	#FLIGHTS	BUSY	DULL	#FLIGHTS	BUSY	DULL	
JAN	1175	0:03	133	-0:01	16	0:07	1193	0:05	133	-0:01
FEB	1174	0:05	120	0:01	919	0:04	2093	0:05	206	0:01
MAR	1286	0:03	136	-0:02	930	0:06	97	0:03	2216	0:05
APR	1255	0:04	129	-0:01	852	0:04	96	0:02	2107	0:04
MAY	1334	0:07	135	0:04	206	0:09	2	0:04	1540	0:07
JUN	1208	0:06	116	0:01	204	0:08	5	0:08	1412	0:06
JUL	1190	0:06	99	0:02	208	0:09	4	0:04	1398	0:07
AUG	1261	0:07	200	0:05	1215	0:07	151	0:04	2476	0:07
SEP	1066	0:07	145	0:04	1080	0:08	125	0:04	2146	0:07
OCT	1013	0:06	136	0:04	1059	0:09	119	0:04	2072	0:07
NOV	890	0:04	106	0:01	684	0:05	60	0:02	1574	0:04
DEC	956	0:04	102	0:01	658	0:05	54	0:02	1614	0:04
TOTAL	13808	0:05	1557	0:02	8035	0:06	799	0:03	21841	0:06
NOMINAL AIRBORNE TIME										2356 0:02

NOMINAL AIRBORNE TIME = 0:46

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

FIGURE I-1-47

ROUTE SEGMENT SFO TO LAX

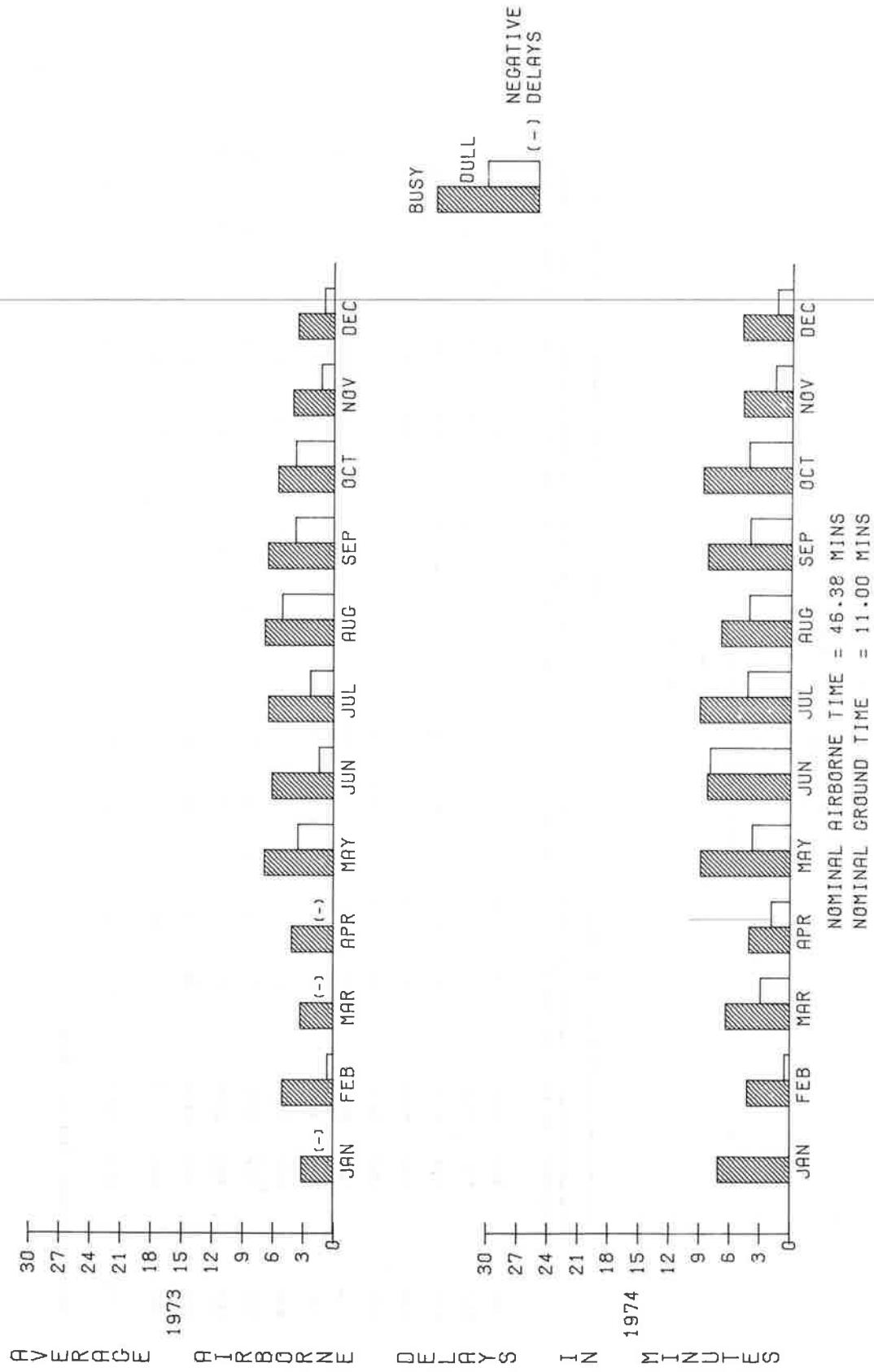


TABLE I-1-48

AIRLINE DELAYS BY MONTH  
AVERAGE FLIGHT HUSTY VS. DULL INTERVALS  
FOR ROUTE SEGMENT SFN => (IPD)

1973			1974			TOTAL				
#FLIGHTS	DULL	HUSTY	#FLIGHTS	DULL	HUSTY	#FLIGHTS	DULL	HUSTY		
JAN	314	0:16	93	0:04	134	0:01	452	0:11	93	0:04
FEB	278	0:19	87	0:04	307	0:11	585	0:15	162	0:04
MAR	318	0:26	93	0:14	318	0:05	86	-0:01	636	0:16
APR	308	0:14	89	0:11	326	0:09	88	0:04	634	0:11
MAY	354	0:11	96	0:09	140	0:04	494	0:09	96	0:09
JUN	340	0:07	88	0:01	158	0:04	478	0:08	86	0:01
JUL	349	0:09	90	-0:01	139	0:05	488	0:08	90	-0:01
AUG	433	0:06	93	-0:00	423	0:14	87	0:01	856	0:12
SEP	349	0:14	77	0:04	362	0:23	68	0:04	711	0:18
OCT	344	0:09	63	0:05	349	0:25	58	0:07	693	0:17
NOV	252	-0:04	59	-0:05	303	0:13	101	0:05	555	0:05
DEC	264	0:12	67	0:06	314	0:17	78	0:07	578	0:15
TOTAL	3903	0:12	995	0:05	3257	0:14	641	0:04	7160	0:12
NORMAL AIRTIME TIME =									1636	0:04

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

FIGURE I-1-48

ROUTE SEGMENT SFO TO ORD

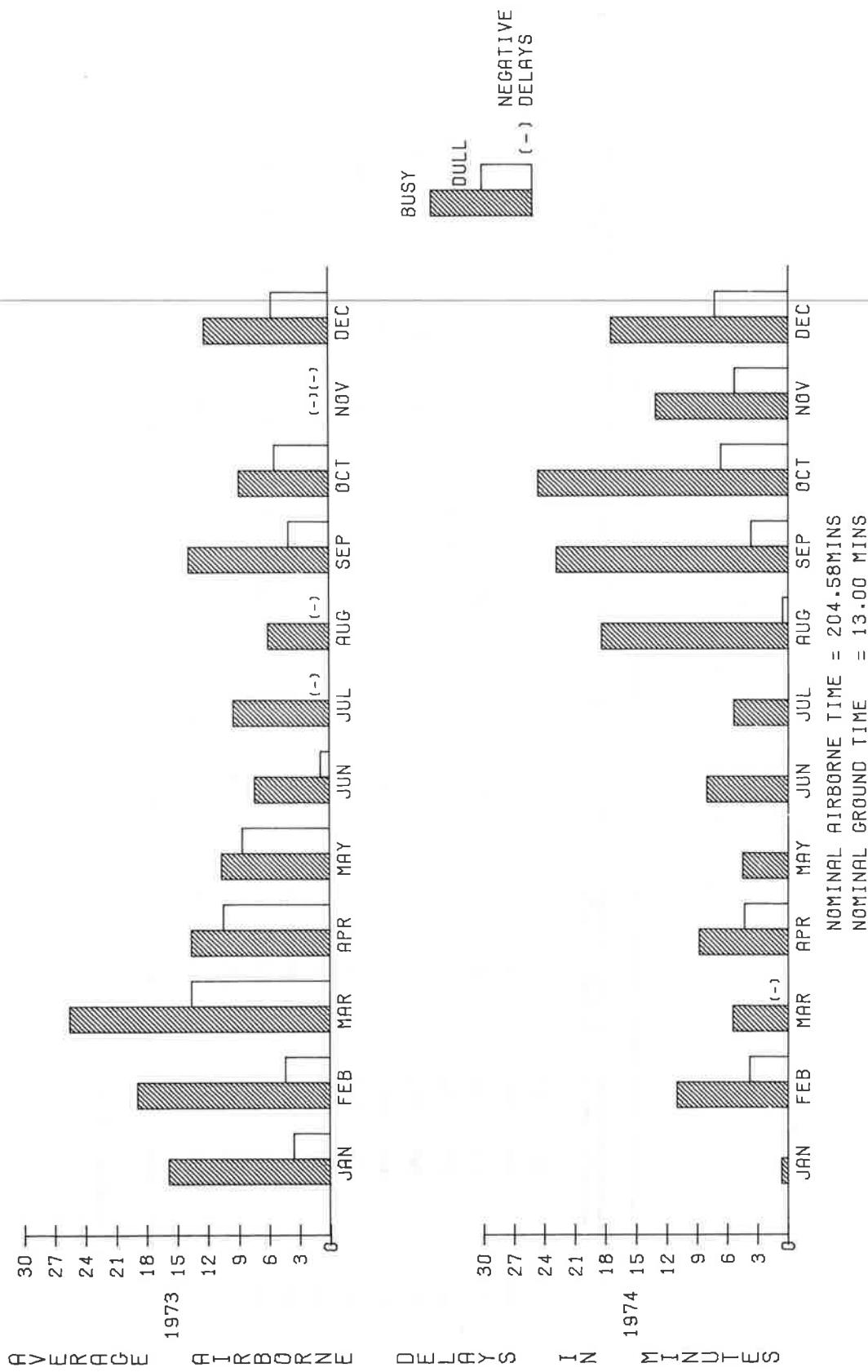


TABLE I - 1 - 49

ATRAINE DELAYS BY MONTH  
AVERAGES FOR BUSY VS. DULL INTERVALS  
FOR ROUTE SEGMENT SFO ==> SFA.

	1975			1974			TOTAL			
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	
JAN	450	0:07	30	0:05	353	0:10	20	0:07	450	0:07
FEB	377	0:03	28	-0:00	392	0:08	27	0:05	730	0:06
MAR	419	0:08	51	0:05	378	0:09	23	0:04	811	0:08
APR	407	0:09	30	0:07	378	0:09	23	0:04	785	0:09
MAY	465	0:04	31	0:01	4	0:04			469	0:04
JUN	434	0:04	30	0:02	13	0:01			447	0:04
JUL	451	0:02	31	-0:01	26	0:01			477	0:02
AUG	485	0:03	31	0:00	472	0:04	31	0:00	957	0:04
SEP	423	0:04	29	0:05	436	0:04	30	-0:02	859	0:04
OCT	413	0:06	29	0:04	419	0:07	29	0:01	832	0:07
NOV	391	0:08	30	0:08	230	0:09			621	0:09
DEC	391	0:10	51	0:07	243	0:13			634	0:11
TOTAL	5106	0:06	361	0:03	2966	0:07	155	0:02	8072	0:06

NOMINAL AIRBORNE TIME = 1:24

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

FIGURE I-1-49  
ROUTE SEGMENT SFO TO SEA

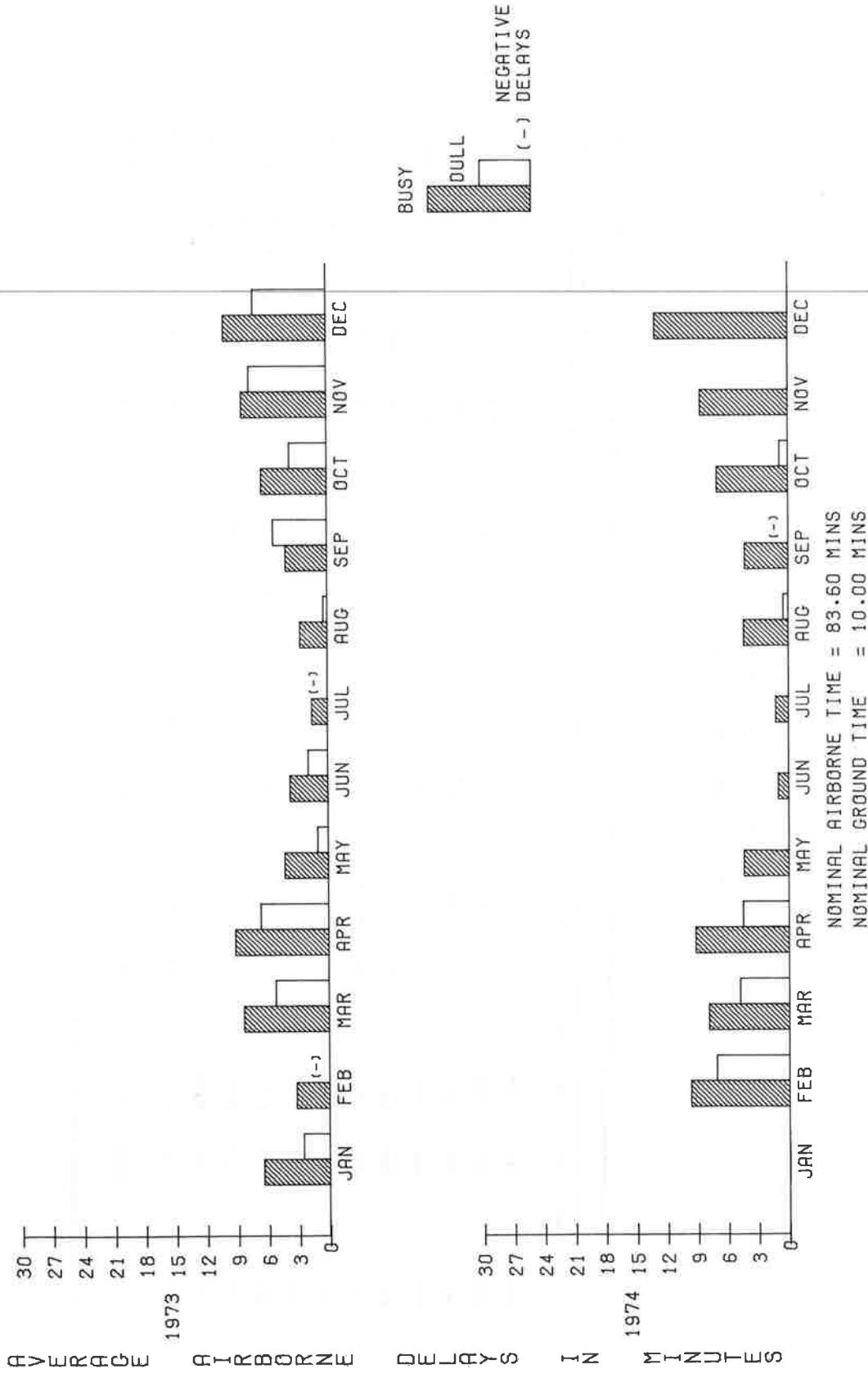


TABLE I-1-50

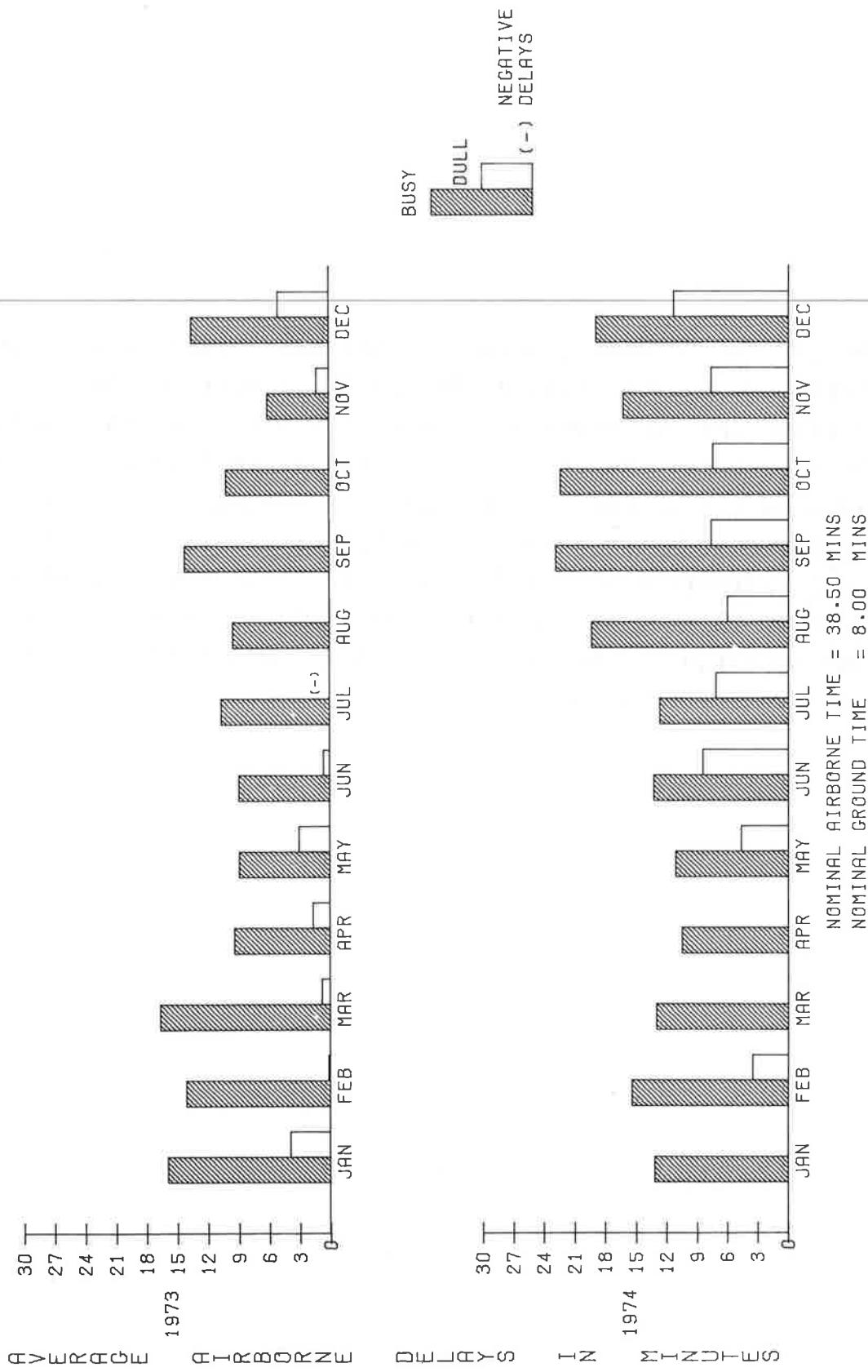
AIRBORNE DELAYS BY MONTH  
 AVERAGES FOR BUSY VS. DULL INTERVALS  
 FOR ROUTE SEGMENT STL => IIRD

	1973			1974			TOTAL			
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	
JAN	537	0:16	51	0:04	243	0:15	780	0:15	31	0:04
FEB	557	0:14	28	0:00	305	0:15	862	0:15	56	0:02
MAR	593	0:17	27	0:01	305	0:13	898	0:15	27	0:01
APR	521	0:09	30	0:02	299	0:10	820	0:10	30	0:02
MAY	490	0:09	31	0:03	539	0:11	1029	0:10	110	0:04
JUN	388	0:09	30	0:01	444	0:13	55	0:08	832	0:11
JUL	414	0:11	31	-0:00	415	0:13	31	0:07	829	0:12
AUG	631	0:10			569	0:19	57	0:06	1200	0:14
SEP	541	0:14			496	0:23	55	0:08	1037	0:18
OCT	560	0:10			507	0:27	58	0:07	1067	0:16
NOV	542	0:06	21	0:01	408	0:16	30	0:08	950	0:10
DEC	495	0:14	14	0:05	359	0:19	14	0:11	854	0:16
TOTAL	6269	0:12	243	0:02	4889	0:16	407	0:07	11158	0:14
NOMINAL AIRBORNE TIME =									650	0:05

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

FIGURE I-1-50

ROUTE SEGMENT STL TO ORD



---

NOTE: The following section - Airborne Times, Delays and Flight Activity, Annual Averages for 1973, Categorized by Route Segment, Airline and Equipment Type, Busy and Dull Time Intervals, for the 50 Most Active Route Segments Flown in 1972-1973— does not include information on the two segments arriving at or departing from Dallas/Fort Worth airport, namely DAL-ATL and ATL-DAL – the DALLAS (DAL) airport was replaced by DALLAS/FORT WORTH in 1973-1974 report. This omission of the two route segments in this section can be explained by the fact that the Dallas/Fort Worth airport was not opened until 1974.

TABLE I-2-1

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY FLIGHT SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL => MIA  
STAGE LENGTH = 595 MI. MILES

AIRLINE	AIRCRAFT	HUSTY 0700-2259J				#FLIGHTS	DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	TIME		AVG AIR	AVG AIR	TIME	AVG AIR DELAY	
DL	630 DC-9-10	1	1:15	0:00		21	1:15	0:00	1:15	(7209)	
	640 DC-9-50	6	1:19	0:04		3	1:14	-0:00	1:15	(7209)	
	710 B-727-100					?	1:20	0:05	1:15	(7209)	
	715 B-727-200	8	1:19	0:04		156	1:16	0:02	1:15	(7209)	
	730 DC-10-10	16	1:17	0:02		4	1:12	-0:03	1:15	(7209)	
	816 H-747	306	1:16	0:02					1:15	(7209)	
	825 CV-BR0	R	1:17	0:02					1:15	(7209)	
	840 DC-8-30	66	1:18	0:03		1	1:14	-0:01	1:15	(7209)	
	848 DC-R-50	646	1:20	0:05		9	1:17	0:02	1:15	(7209)	
	851 DC-B-61	513	1:22	0:07		72	1:16	0:01	1:15	(7209)	
	TOTAL	1592	1:20	0:05		248	1:16	0:01			
EA	630 DC-9-10								1:15	(7209)	
	640 DC-9-30	2	1:23	0:04					1:15	(7209)	
	410	1:24	0:10			91	1:18	0:03	1:15	(7209)	
	147	1:20	0:06			3	1:18	0:01	1:15	(7209)	
	223	1:20	0:05			1	1:34	0:19	1:15	(7209)	
	715 H-727-200C/QC	43	1:24	0:09		103	1:15	0:00	1:15	(7209)	
	760 L-1011	2	1:16	0:02					1:15	(7209)	
	842 DC-8-20	1	1:20	0:05		1	1:17	0:02	1:15	(7209)	
	TOTAL		1:22	0:08		199	1:17	0:02			
NW	710 R-727-100								1:15	(7209)	
	715 B-727-200	364	1:23	0:08					1:15	(7209)	
	808 B-707-300R	9	1:24	0:09					1:15	(7209)	
	809 H-707-300C	9	1:23	0:08					1:15	(7209)	
	TOTAL	75	1:22	0:08					1:15	(7209)	
UA	620 R-737-200								1:15	(7209)	
	710 R-727-100	248	1:27	0:12					1:15	(7209)	
	711 R-727-100C/QC	109	1:21	0:06		26	1:19	0:04	1:15	(7209)	
	TOTAL	14	1:20	0:05		55	1:19	0:04	1:15	(7209)	

TABLE I-2-1 (Continued)

SEGMENT ATL ==> MIA (CONTINUED)						
STAGE LENGTH = 595 ST. MILES						
		AIRLINE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE				
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME
UA (CONT)	715 B-727-200	213	1:22	0:07	4	1:45
	TOTAL	584	1:24	0:09	85	1:20
	ROUTE SUMMARY	3461	1:21	0:07	532	1:17
					0:02	
						NOMINAL TIME (DATE)
						1:15 (7209)

TABLE I-2-2

AIRCRAFT DELAYS DURING 1973  
CATEGORYED BY ROUTE, SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT ATL ==> IRD  
STAGE LENGTH = 606 MI LS

AIRLINE	AIRCRAFT	HUSY (0700-2259)			NULL (2300-0659)			NOMINAL TIME (DATE)
		# FLIGHTS	Avg Atm Time	Avg Air Delay	# FLIGHTS	Avg Atm Time	Avg Air Delay	
<b>DL</b>								
	DC-9-10	61	1:33	0:18	3	1:30	0:15	1:15 (7204)
	DC-9-30	369	1:29	0:14				1:15 (7204)
	H-727-100	1	1:26	0:11				1:15 (7204)
	H-727-200	8	1:26	0:11				1:15 (7204)
	R-747	150	1:30	0:15	1	1:17	0:02	1:15 (7204)
	R-747	193	1:27	0:12	1	1:18	0:03	1:15 (7204)
	CV-880	354	1:36	0:21	3	1:51	0:17	1:15 (7204)
	DC-8-30	363	1:39	0:24	155	1:25	0:10	1:15 (7204)
	DC-8-50	216	1:31	0:16	139	1:25	0:10	1:15 (7204)
	DC-8-50							
	DC-8-61							
	TOTAL	1695	1:33	0:18	282	1:25	0:10	
 <b>FA</b>								
	DC-9-10	47	1:33	0:18	94	1:24	0:09	1:15 (7204)
	DC-9-30	640	1:32	0:18	121	1:25	0:11	1:15 (7204)
	H-727-100	197	1:30	0:15	2	1:26	0:07	1:15 (7204)
	H-727-100C	586	1:28	0:13	440	1:22	0:07	1:15 (7204)
	H-727-200	236	1:27	0:12	130	1:22	0:07	1:15 (7204)
	I-1011	104	1:24	0:09				1:15 (7204)
	I-1011	16	1:22	0:08				1:15 (7204)
	DC-8-20	27	1:24	0:09				1:15 (7204)
	DC-8-61	6	1:21	0:06				1:15 (7204)
	DC-8-63							
	TOTAL	1659	1:29	0:15	787	1:23	0:08	
 <b>NW</b>								
	R-727-100	923	1:34	0:20				1:15 (7204)
	H-727-200	77	1:32	0:17				1:15 (7204)
	TOTAL	1000	1:34	0:19				
 <b>ROUTE SUMMARY</b>								
		4354	1:32	0:17	1069	1:23	0:09	

TABLE I-2-3

AIRBORNE DELAYS DURING 1973  
CATALOGUED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT	HIS => DCA	STAGE LENGTH = 390 ST. MILES	BUSY (0700-2259)				DUL (2300-0659)				NOMINAL TIME (DATE)				
			#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R=727-100 715 H=727-200		1553 944	1:04 1:04	0:04 0:04	2297	1:04	0:04				0:59	(7210)	0:59	(7210)
	TOTAL														
AL	430 CV-5HU 605 R=1-11-200 640 DC-9-30		1 7b 4R	1:38 1:12 1:07	0:04 0:12 0:07	125	1:10	0:10				1:30	(7204)	0:59	(7210)
	TOTAL														
DL	640 DC-9-30 710 H=727-00 715 R=727-200		572 456 1120	1:02 1:00 1:00	0:02 0:01 0:00	2148	1:01	0:01				0:59	(7210)	0:59	(7210)
	TOTAL														
EA	550 L-188A-0K/188C 630 DC-9-10 640 DC-9-30 710 R=727-100 711 H=727-100C/QC 715 H=727-200		15 312 1076 93 96 8R	1:28 1:03 1:06 1:02 1:04 1:05	-0:02 0:03 0:06 0:03 0:05 0:05	1680	1:05	0:05				1:30	(7204)	0:59	(7210)
	TOTAL														
	ROUTE SUMMARY		6250	1:03	0:04										

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

TABLE I-2-4

AIRCRAFT CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
 SEGMENT RNS ==> FWR  
 STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DUL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
N.										
	640 DC-9-50	173	0:43	0:03	45	0:45	0:03	0:40	(7210)	
	710 H-727-100	249	0:41	0:02				0:40	(7210)	
	715 H-727-200	561	0:46	0:06				0:40	(7210)	
	825 CV-880	1	0:48	0:08				0:40	(7210)	
	TOTAL	784	0:44	0:04	263	0:41	0:01			
E.A.										
	550 L-18RA-00A/1RKC	1105	0:55	0:15				0:40	(7212)	
	640 DC-9-50	2713	0:46	0:06				0:40	(7210)	
	710 H-727-100	165	0:45	0:06				0:40	(7210)	
	711 R-727-100C/3C	73	0:46	0:07				0:40	(7210)	
	715 B-727-200	33	0:45	0:06	25	0:58	-0:02	0:40	(7210)	
	760 L-1011	13	0:46	0:06	1	0:41	0:01	0:40	(7210)	
	842 DC-8-20							0:40	(7210)	
	TOTAL	4102	0:48	0:09	26	0:58	-0:01			
NA										
	715 H-727-200	7	0:44	0:05				0:40	(7210)	
	TOTAL	7	0:44	0:05						
	ROUTE SUMMARY	4893	0:47	0:08	289	0:40	0:01			

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

TABLE I-2-5

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT HOS ==> JFK STAGE LENGTH = 187 ST. MILES	AIRCRAFT	0700-2259				2300-0659				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
AA	R-727-100	135	0:40	0:11	0:29	(7203)				
	R-727-200	4	0:38	0:10	0:29	(7203)				
	DC-10-10	86	0:36	0:08	0:29	(7203)				
	R-707-100R	305	0:40	0:11	0:29	(7203)				
	R-707-300R	61	0:43	0:14	0:29	(7203)				
	R-707-500C	109	0:41	0:12	0:29	(7203)				
TOTAL		700	0:40	0:11	143	0:44	0:16			
DL	DC-9-30	384	0:44	0:15	0:29	(7203)				
	R-727-100	154	0:48	0:19	4	0:38	0:09			
	R-727-200	412	0:39	0:10	23	0:37	0:08			
	CV-880	85	0:39	0:11	146	0:59	0:10			
	DC-8-50				1	0:41	0:12			
TOTAL		1055	0:42	0:13	174	0:38	0:10			
FA	DC-9-10				2	0:53	0:25			
	DC-9-30				140	0:38	0:09			
	R-727-100	417	0:37	0:08	69	0:36	0:07			
	R-727-100C/ac	21	0:38	0:10	142	0:39	0:10			
	R-727-200	1	0:31	0:02	78	0:37	0:08			
TOTAL		439	0:37	0:08	431	0:38	0:09			
NA	R-727-100	183	0:45	0:16	0:29	(7203)				
	R-727-200	680	0:41	0:12	0:29	(7203)				
	DC-H-20	22	0:46	0:17	0:29	(7203)				
	DC-8-50	25	0:43	0:14	0:29	(7203)				
	DC-8-50F	50	0:45	0:17	0:25	(7203)				
	DC-8-61	11	0:50	0:22	0:29	(7203)				
TOTAL		971	0:42	0:14						

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-2-5 (Continued)

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT RNS ==> JFK (CONTINUED)  
STAGE LENGTH = 1.87 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
PA	808 H-707-500R	55	0:47	0:18	81	0:39	0:10	0:29 (7203)
	809 R-707-300C	16	0:47	0:18				0:29 (7203)
	TOTAL	71	0:47	0:18	81	0:39	0:10	
TK	710 H-727-100	64	0:38	0:10				0:29 (7203)
	711 H-727-100C/R/C	19	0:39	0:11				0:29 (7203)
	715 R-727-200	3	0:39	0:11				0:29 (7203)
	802 R-707-100R	1	0:35	0:06				0:29 (7203)
	806 H-707-500	44	0:46	0:18				0:29 (7203)
	808 R-707-300R	16	0:41	0:12				0:29 (7203)
	809 B-707-300C	2	0:38	0:09				0:29 (7203)
	TOTAL	149	0:41	0:13				
UA	850 DC-8-50F	37	0:39	0:10				0:29 (7203)
	TOTAL	37	0:39	0:10				
	ROUTE SUMMARY	5402	0:41	0:12	829	0:39	0:10	

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

TABLE I-2-6

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT BUS ==> LGA STAGE LENGTH = 185 ST. MILFS		#FLIGHTS (0700-2259)						#FLIGHTS (2300-0655)					
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	NOMINAL TIME (DATE)		
AA	710 H-727-100 715 B-727-200 730 DC-10-10 802 H-707-100H	1369 889 1 1	0:39 0:40 0:38 0:35	0:09 0:10 0:08 0:05	0:07 0:13 0:04 0:19	58	0:38	0:08	0:07 0:13 0:04 0:05	0:08	0:30 (7211)		
	TOTAL	2260	0:39	0:09							0:30 (7211)		
DL	640 DC-9-30 710 B-727-100 715 B-727-200 730 DC-10-10 848 DC-8-50	411 85 5 165 1	0:57 0:43 0:34 0:49 0:55	0:07 0:13 0:04 0:19 0:05	58	0:38	0:08	0:08 0:13 0:04 0:16 0:05	0:08	0:30 (7211)			
	TOTAL	667	0:40	0:10	58	0:38	0:08				0:30 (7211)		
EA	550 L-188A-R/1HRC 640 DC-9-30 710 H-727-100 711 H-727-100C/OC 715 H-727-200 760 L-1011	1963 5384 627 60 87 2	0:48 0:39 0:39 0:41 0:40 0:44	0:10 0:09 0:09 0:11 0:10 0:14	0:10 0:13 0:09 0:11 0:10 0:14	58	0:38	0:08	0:08 0:13 0:04 0:16 0:05	0:08	0:30 (7209)		
	TOTAL	8123	0:41	0:09							0:30 (7211)		
ROUTE SUMMARY		11050	0:41	0:09	58	0:38	0:08				0:30 (7211)		

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

TABLE I 2-7

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
 SEGMENT ROS ==> PHL  
 STAGE LENGTH = 260 ST. MILES

		BUSY (0700-2259)				DULL (2300-0659)				MINIMAL TIME (DATE)	
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	TIME	DELAY		
AA	715 H-727-200	6	0:53	0:13						0:40	(7/212)
	R02 H-707-100H	84	0:56	0:16						0:40	(7/212)
	R03 H-707-300R	2	0:57	0:17						0:40	(7/212)
	R09 H-707-300C	3	1:02	0:22						0:40	(7/212)
	TOTAL	95	0:56	0:16							
AL	430 CV-580	5	1:10	-0:13						1:24	(7/204)
	605 H-1-11-200	217	1:00	0:21						0:40	(7/212)
	640 NC-9-30	4250	0:56	0:16						0:40	(7/212)
	TOTAL	4470	0:56	0:17						0:40	(7/212)
DL	640 NC-9-30	1028	0:53	0:14						0:40	(7/204)
	710 H-727-100	348	0:54	0:14						0:40	(7/212)
	715 H-727-200	455	0:55	0:15						0:40	(7/212)
	730 NC-10-10	77	0:59	0:19						0:40	(7/212)
	TOTAL	1908	0:54	0:14							
EA	710 H-727-100	95	0:53	0:13						0:40	(7/212)
	711 H-727-100C/9C	1	0:52	0:12						0:40	(7/212)
	715 H-727-200	15	0:53	0:13						0:40	(7/212)
	TOTAL	109	0:53	0:13							
NA	710 H-727-100	10	0:54	0:14						0:40	(7/212)
	715 H-727-200	180	0:57	0:17						0:40	(7/212)
	TOTAL	190	0:57	0:17							

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

TABLE I-2-8

AIRCRAFT DELAYS DURING 1973  
CATGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT STAGE LENGTH =	CLF ==> DTW	AIRCRAFT	HUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
			#FLIGHTS	Avg AIR TIME	Avg AIR DFLAY	#FLIGHTS	Avg AIR TIME	Avg AIR DFLAY			
AL	430 CV-580	R17	0:29	0:04					0:24 (7209)		
	640 DC-9-30	143	0:25	0:07					0:18 (7202)		
	TOTAL	960	0:28	0:05							
DL	640 DC-9-30	328	0:23	0:05					0:18 (7202)		
	TOTAL	328	0:25	0:05							
FA	640 DC-9-30	32	0:26	0:08					0:18 (7202)		
	710 R-727-100	28	0:24	0:07					0:18 (7202)		
	711 R-727-100C/DC	1	0:22	0:04					0:18 (7202)		
	715 R-727-200	127	0:25	0:08					0:18 (7202)		
	TOTAL	188	0:25	0:08							
NC	430 CV-580	2421	0:28	0:04					0:24 (7209)		
	640 DC-9-30	244	0:25	0:08					0:18 (7202)		
	TOTAL	2665	0:28	0:04							
NW	710 R-727-100	188	0:25	0:08					0:16 (7202)		
	715 R-727-200	268	0:25	0:07					0:18 (7202)		
	TOTAL	456	0:25	0:07							
UA	620 H-757-200	329	0:26	0:09					0:18 (7202)		
	711 R-727-100C/DC	H	0:25	0:08					0:18 (7202)		
	842 DC-8-200								0:18 (7202)		

---ALL TIMES AFT IN HOURS AND MINUTES---

TABLE I-2-8 (Continued)

SEGMENT CLF ==> DTW (CONTINUED)  
 STAGE LENGTH = 95 MI FS  
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE AIRCRAFT

		BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)	
		#FLIGHTS	Avg AIR TIME	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	Delay		
UA (CONT)	844 DC-B-30 848 DC-B-50 850 DC-B-50F 851 DC-B-61	3 2 2 344	0:26 0:22 0:21 0:26	0:09 0:04 0:04 0:08	0:09 0:04 0:04 0:08	242 242 321 321	n:24 n:24 0:23 0:23	0:06 0:06 0:06 0:06	0:18 (7202) 0:18 (7202) 0:18 (7202) 0:18 (7202)
TOTAL		4941	0:27	0:05	616	0:24	0:06		
ROUTE SUMMARY									

TABLE I-2-9

AIRLINE DELAYS DURING 1973  
CATALOGIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT NCA ==> HOS  
STAGE LENGTH = 399 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			
AA	710 H-727-100	1215	0:54	0:05	0					0:55 (7204)
	715 H-727-200	875	0:59	0:06	0					0:53 (7204)
	TOTAL	2090	0:59	0:06						
AL	605 R-1-11-200	24	1:01	0:08	0					0:53 (7204)
	640 DC-9-30	95	1:00	0:08	0					0:53 (7204)
	TOTAL	119	1:00	0:08						
DL	640 DC-9-30	908	0:59	0:07	0					0:53 (7204)
	710 H-727-100	397	0:57	0:04	0					0:53 (7204)
	715 H-727-200	1184	0:58	0:05	0					0:53 (7204)
FA	24H9	24H9	0:59	0:06	0					
	550 1-1RA-0R/1RC	10	1:14	0:04	0					1:10 (7212)
	630 DC-9-10	515	1:00	0:07	0					0:53 (7204)
ROUTINE SUMMARY	640 DC-9-30	928	1:00	0:07	0					0:53 (7204)
	710 H-727-100	90	0:54	0:05	0					0:53 (7204)
	711 H-727-100C/DC	20	0:57	0:04	0					0:53 (7204)
	715 H-727-200	407	0:58	0:05	0					0:53 (7204)
	TOTAL	1768	0:59	0:07						
	6466	6466	0:59	0:06						

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

TABLE I-2-10

AIRBORNE DELAYS DURING 1973  
CATIGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT	DCA ==> LGA	STAGE LENGTH = 214 ST. MILES	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
			AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	DELAY		
AA	710	R=727-100			1299	0:44	0:16			0:29 (7211)	
	715	R=727-200			654	0:44	0:15			0:29 (7211)	
	TOTAL				1953	0:44	0:15				
EA	550	L-188A-08/1HRC			2368	0:49	0:10			0:38 (7201)	
	630	DC-9-10			8	0:42	0:14			0:29 (7211)	
	640	NC-9-30			5104	0:43	0:15			0:29 (7211)	
	710	H-727-100			554	0:44	0:15			0:29 (7211)	
	711	R-727-100C/0C			38	0:46	0:18			0:29 (7211)	
	715	H-727-200			164	0:46	0:18			0:29 (7211)	
	TOTAL				8256	0:45	0:13				
NA	710	R=727-100			1	0:35	0:06			0:29 (7211)	
	715	R=727-200			117	0:42	0:15			0:29 (7211)	
	TOTAL				118	0:42	0:15				
ROUTE SUMMARY					10307	0:45	0:14				

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

TABLE I-2-11

SEGMENT NCA ==> DDO  
STAFF LENGTH = 612' ST. MILFS

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	ROUTE (0700-2259)			ROUTE (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 R-727-100 715 R-727-200	206R 1775	1:41 1:39	0:19 0:17				1:22 (7207) 1:22 (7207)
	TOTAL	3845	1:40	0:18				
TW	710 R-727-100 711 R-727-100r/AC 715 R-727-200	622 212 885	1:34 1:34 1:39	0:12 0:12 0:17				1:22 (7207) 1:22 (7207) 1:22 (7207)
	TOTAL	1719	1:37	0:15				
UA	620 R-737-200 710 R-727-100 711 R-727-100r/AC 715 R-727-200	23 549 451 1441	1:46 1:41 1:41 1:39	0:24 0:19 0:19 0:17				1:22 (7207) 1:22 (7207) 1:22 (7207) 1:22 (7207)
	TOTAL	2464	1:40	0:18				
	ROUTE SUMMARY	8026	1:39	0:17				

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

TABLE I-2-12

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	HUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
CO	DC-9-15F	5	1:50	0:09	9	1:55	0:12	1:41 (7212)
	H-727-200	341	1:52	0:11	2	1:41	0:00	1:41 (7212)
	DC-10-10	943	1:53	0:11	264	1:45	0:03	1:41 (7212)
	R-707-300C	1	1:56	0:15				1:41 (7212)
	H-720-000H	252	1:57	0:16				1:41 (7212)
	R-747	2	1:47	0:06	9	1:52	0:11	1:41 (7212)
	TOTAL	1544	1:53	0:12	284	1:45	0:04	
TW	H-727-100	10	1:55	0:14				1:41 (7212)
	H-727-100C/JQC	3	2:06	0:25				1:41 (7212)
	R-727-200	5	1:46	0:05				1:41 (7212)
	H-707-100R	45	1:53	0:12				1:41 (7212)
	R-707-300	1	1:50	0:09				1:41 (7212)
	R-707-300R	1	2:02	0:21				1:41 (7212)
	CV-880	1444	1:54	0:13				1:41 (7212)
	TOTAL	1509	1:54	0:13				
UA	B-737-200	2	1:58	0:17	1	1:52	0:11	1:41 (7212)
	B-727-100	725	1:59	0:18	1	1:50	0:09	1:41 (7212)
	R-727-100C/JQC	145	1:55	0:14				1:41 (7212)
	R-727-200	59	1:59	0:18				1:41 (7212)
	DC-10-10	804	1:55	0:14	32	1:46	0:05	1:41 (7212)
	DC-8-20	303	2:00	0:19				1:41 (7212)
	DC-8-30	133	1:58	0:16				1:41 (7212)
	DC-8-50	54	1:57	0:16				1:41 (7212)
	DC-8-50F	197	1:57	0:16	246	1:48	0:07	1:41 (7212)
	DC-8-61	8	1:53	0:12	1	1:47	0:06	1:41 (7212)
	DC-8-62							
	TOTAL	2410	1:57	0:16	281	1:48	0:07	

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

TABLE I-2-12 (Continued)

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						
SEGMENT DEN => ORD (CONTINUED) STAGE LENGTH ≥ 900 MI. MILES		BUSY (0700-2259)			DULL (2300-0659)	
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME
ROUTE SUMMARY		5463	1:55	0:14	565	1:47
<b>NOMINAL TIME (DATE)</b>						

TABLE I-2-13

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT DTW ==> LGA  
STAGE LENGTH = 501 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	2125	1:12	0:09				1:04 (7210)
	715 B-727-200	1429	1:14	0:10				1:04 (7210)
	802 R-707-100R	1	1:04	0:00				1:04 (7210)
	TOTAL	3555	1:13	0:09				
NW	710 R-727-100	246	1:18	0:14				1:04 (7210)
	715 R-727-200	5	1:15	0:11				1:04 (7210)
	TOTAL	251	1:18	0:14				
UA	620 B-737-200	696	1:16	0:12				1:04 (7210)
	710 B-727-100	629	1:13	0:09				1:04 (7210)
	711 R-727-100C/AC	159	1:14	0:10				1:04 (7210)
	715 R-727-200	20	1:15	0:11				1:04 (7210)
	TOTAL	1504	1:15	0:11				
	ROUTE SUMMARY	5310	1:14	0:10				

— ALL TIMES ARE IN HOURS AND MINUTES —

TABLE I-2-14

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW ==> ORD  
STAGE LENGTH = 215 ST. MILFS

AIRLINE	AIRCRAFT	HUSY (0700-0725)				DULL (2300-0659)				NUMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY		
AA	710 R=727-100	351	0:47	0:09	1	1	0:39	0:00	0:38 (7205)	
	715 B=727-200	248	0:45	0:06	1	1	0:42	0:03	0:38 (7205)	
	730 DC-10-10	728	0:49	0:10	1	1	0:40	0:01	0:38 (7205)	
	802 H=707-100H	770	0:49	0:11	201	0:4	0:42	0:02	0:38 (7205)	
	808 R=707-300R	201	0:46	0:08	11	0:48	0:09	0:00	0:38 (7205)	
	809 R=707-300C	258	0:47	0:09	81	0:42	0:05	0:00	0:38 (7205)	
	816 B=747	424	0:47	0:09	1	1	0:59	0:00	0:38 (7205)	
	TOTAL	2980	0:48	0:09	297	0:41	0:03			
	DL	640 DC-9-30	659	0:48	0:10				0:38 (7205)	
	TOTAL	659	0:48	0:10						
EA	710 R=727-100	47	0:45	0:06					0:38 (7205)	
	711 B=727-100C/QC	21	0:42	0:04					0:38 (7205)	
	715 R=727-200	18	0:48	0:09					0:38 (7205)	
	TOTAL	86	0:45	0:06						
NW	710 R=727-100	894	0:49	0:11	2	0:43	0:05	0:38 (7205)		
	715 R=727-200	123	0:50	0:12					0:38 (7205)	
	733 DC-10-40	1	0:52	0:13	217	0:43	0:04	0:38 (7205)		
	808 B=707-300B	13	0:44	0:05	16	0:43	0:05	0:38 (7205)		
	809 H=707-300C	347	0:48	0:10	70	0:44	0:06	0:38 (7205)		
	814 R=720-000H	4	0:51	0:12	1	0:46	0:04	0:38 (7205)		
	816 R=747	224	0:51	0:13						
	TOTAL	1606	0:49	0:11	306	0:43	0:05			
	PA	809 R=707-300C	292	0:49	0:10				0:38 (7205)	

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

TABLE I-2-14 (Continued)

SEGMENT DTW ==> ORD (CONTINUED)  
 STAGE LENGTH = 235 ST. MILES

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE.

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
PA (CONT)	TOTAL	292	0:49	0:10				
UA	B-737-200	616	0:48	0:10				0:38 (7205)
	B-727-100	158	0:45	0:07				0:38 (7205)
	R-727-100C/QC	89	0:45	0:06				0:38 (7205)
	B-727-200	92	0:49	0:11				0:38 (7205)
	DC-10-10	83	0:43	0:05				0:38 (7205)
	R16 B-747	54	0:47	0:09				0:38 (7205)
	842 DC-8-200	119	0:53	0:14				0:38 (7205)
	844 DC-8-30	43	0:50	0:12				0:38 (7205)
	848 DC-8-50	55	0:50	0:11				0:38 (7205)
	851 DC-8-61	142	0:51	0:13				0:38 (7205)
	854 DC-8-62	22	0:45	0:06				0:38 (7205)
	TOTAL	1433	0:48	0:10				
ROUTE SUMMARY		7056	0:48	0:10	603	0:42	0:42	

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

TABLE I-2-15

SEGMENT EMR ==> RNS  
 STAGE LENGTH = 201 ST. MILES

AIRBORNE DELAYS DURING 1973  
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	HUSY (0700-2259)			#FLIGHTS	DULL (2300-0659)			#FLIGHTS	#FLIGHTS			AVG AIR TIME	AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
DL	640 DC-9-30	2	0:57	0:13	30	0:29	0:05	0:24 (7210)	0:11	1	0:35	0:11	0:24 (7210)	0:06	0:24 (7210)
	710 B-727-100	359	0:35	0:09	256	0:31	0:31	0:24 (7210)	341	0:33	0:09	0:30	0:06	0:24 (7210)	0:06
	715 B-727-200														
	TOTAL														
EA	550 L-188A-RA/188C	1110	0:44	0:08	0:08	0:44	0:13	0:13	0:13	120	0:54	0:00	0:36 (7201)	0:00	0:36 (7201)
	640 DC-9-30	2708	0:38	0:14	0:14	0:38	0:14	0:14	0:14	0:14	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
	710 B-727-100	161	0:38	0:14	0:14	0:38	0:14	0:14	0:14	0:14	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
	711 H-727-100C/HC	81	0:38	0:14	0:14	0:38	0:14	0:14	0:14	0:14	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
	715 B-727-200	116	0:35	0:11	0:11	0:35	0:11	0:11	0:11	0:11	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
	760 L-1011	13	0:36	0:12	0:12	0:36	0:14	0:14	0:12	0:12	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
	842 DC-8-20	2	0:38	0:14	0:14	0:38	0:14	0:14	0:14	0:14	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
	TOTAL	4191	0:39	0:12	0:12	133	0:34	0:34	0:12	133	0:34	0:10	0:00	0:00	0:00
	NA	710 B-727-100	5	0:34	0:10	0:10	0:34	0:10	0:10	0:10	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
	715 B-727-200	112	0:36	0:12	0:12	0:36	0:12	0:12	0:12	0:12	0:54	0:00	0:24 (7210)	0:00	0:24 (7210)
ROUTE SUMMARY		4649	0:39	0:12	0:12	420	0:32	0:32	0:12	420	0:32	0:07			

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

TABLE I-2-16

SEGMENT EWR => ORD  
STAGE LENGTH = 719 ST. MILES  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	96	1:51	0:19				1:32 (7203)
	715 B-727-200	175	1:52	0:20				1:32 (7203)
	802 B-707-100B	1092	1:54	0:23				1:32 (7203)
	808 B-707-300B	85	1:51	0:19				1:32 (7203)
	809 B-707-300C	277	1:53	0:21				1:32 (7203)
	TOTAL	1725	1:54	0:22				0:18
TW	710 B-727-100	100	1:57	0:25				1:32 (7203)
	711 B-727-100C/QC	41	2:00	0:28				1:32 (7203)
	715 B-727-200	382	1:53	0:21				1:32 (7203)
	802 B-707-100R	158	1:48	0:16				1:32 (7203)
	806 B-707-300	1	1:46	0:14				1:32 (7203)
	825 CV-880	557	1:52	0:20				1:32 (7203)
	TOTAL	1239	1:52	0:20				
UA	620 B-737-200	7	2:13	0:41				1:32 (7203)
	710 B-727-100	97	2:00	0:28				1:32 (7203)
	711 B-727-100C/QC	18	2:03	0:32				1:32 (7203)
	715 B-727-200	43	1:54	0:22				1:32 (7203)
	730 DC-10-10	624	1:50	0:19				1:32 (7203)
	842 DC-8-20	104	1:58	0:26				1:32 (7203)
	844 DC-8-30	42	2:00	0:28				1:32 (7203)
	848 DC-8-50	42	1:58	0:26				1:32 (7203)
	850 DC-8-70F							1:32 (7203)
	851 DC-8-61	466	2:00	0:28				1:32 (7203)
	854 DC-8-62	13	2:02	0:30				1:32 (7203)
	TOTAL	1456	1:56	0:24				0:14
ROUTE SUMMARY		4420	1:54	0:22	538	1:46	0:14	

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

TABLE I-2-17

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT JFK ==> BOS  
SEGMENT LENGTH = 187 ST. MILFS

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
AA	710 H-727-100 730 DC-10-10 802 H-707-100R 806 H-707-300R 809 B-707-300C 816 B-747	39 89 183 5 160 1	0:33 0:35 0:34 0:34 0:36 0:39	0:12 0:14 0:13 0:13 0:15 0:18	192 RA 35 1	0:34 0:33 0:35 0:35	0:13 0:12 0:14 0:14	0:21 (7208) 0:21 (7208) 0:21 (7208) 0:21 (7208) 0:21 (7208) 0:21 (7208)
	TOTAL	477	0:35	0:14	236	0:34	0:13	
DL	640 DC-9-30 710 B-727-100 715 B-727-200 730 DC-10-10 825 CV-880	266 81 486 165 85	0:33 0:28 0:30 0:38 0:26	0:12 0:07 0:09 0:17 0:05	306 76 76 147 0:11	0:27 0:31 0:31 0:29 0:28	0:06 0:10 0:10 0:08 0:07	0:21 (7208) 0:21 (7208) 0:21 (7208) 0:21 (7208) 0:21 (7208)
	TOTAL	1085	0:32	0:11	529	0:28	0:07	
FA	710 B-727-100 711 H-727-100C/QC 715 B-727-200	3 164 55	0:36 0:36 0:36	0:15 0:15 0:15	33 226 11	0:34 0:34 0:34	0:13 0:13 0:13	0:21 (7208) 0:21 (7208) 0:21 (7208)
	TOTAL	222	0:36	0:15	270	0:34	0:13	
NA	710 B-727-100 715 B-727-200	86 621	0:34 0:35	0:13 0:14				
	TOTAL	707	0:35	0:14				
PA	808 B-707-300B 809 B-707-300C	48 118	0:40 0:39	0:19 0:18				
	TOTAL							

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

TABLE I-2-17 (Continued)

SEGMENT: JFK => BOS (CONTINUED)			AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINES, AND EQUIPMENT TYPE						
AIRLINE	AIRCRAFT	PA (CONT)	BUSY (0700-2259)			DULI (2300-0659)			NOMINAL TIME (DATE)
		TOTAL	#FLIGHTS	Avg ATR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
TR	B-727-100	65	0:36	0:15					0:21 (7208)
	B-727-100F/10C	19	0:36	0:15					0:21 (7208)
	H-727-200	2	0:36	0:16					0:21 (7208)
	H-727-200	54	0:37	0:16					0:21 (7208)
R06	B-707-500	9	0:37	0:16					0:21 (7208)
R08	H-707-500H	209	0:57	0:16					0:21 (7208)
R09	H-707-300C	358	0:37	0:16					0:21 (7208)
	TOTAL								
	ROUTE SUMMARY	2993	0:54	0:13	1035	0:31	0:10		

TABLE I-2-18

AIRPORT DELAYS DURING 1975  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT JFK => MIA  
STAGE LENGTH = 1090 ST. MILFS

AIRLINE	AIRCRAFT	0700-2259			2300-0659			NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay	
<b>RJY</b>								
PN	802 R-707-100H 848 DC-8-50 854 DC-8-62	5 8 227	2:50 2:24 2:28	0:16 0:10 0:14	13	2:14 (7209) 2:14 (7209) 2:14 (7209)		
	TOTAL	240	2:28	0:14				
<b>DL</b>								
	640 DC-9-30 710 R-727-200 715 R-727-200 730 DC-10-10 760 L-1011 816 R-747 825 CV-H80 851 DC-8-61	1 14 363 2 167 1 1	2:31 2:23 2:20 2:34 2:26 2:28 0:14	0:17 0:09 0:06 0:20 0:12 0:14 0:08	4 22 150	2:120 2:18 2:05	0:07 0:04 -0:09 -0:09	2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209)
	TOTAL	548	2:22	0:08	176	2:07	-0:07	
<b>FA</b>								
	630 DC-9-10 640 DC-9-30 710 R-727-200 711 R-727-100C/QC 715 H-727-200 760 L-1011 842 DC-8-20 851 DC-8-61 856 DC-8-63	5 50 175 429 346 544 19 19 7	2:29 2:34 2:23 2:19 2:20 2:22 2:24 2:22 2:25	0:16 0:21 0:09 0:06 0:07 0:08 0:11 0:08 0:11	1 31 28 206 181 64 12 24 6	2:523 2:12 0:09 0:02 0:05 0:01	0:09 0:28 0:09 0:02 0:05 0:05 0:07 0:07 0:04	2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209)
	TOTAL	1594	2:21	0:08	553	2:16	0:05	
<b>NA</b>								
	710 H-727-100 715 R-727-200 730 DC-10-10 732 DC-10-30	13 80 373 61	2:23 2:22 2:19 2:16	0:10 0:08 0:05 0:02	3 356 1	2:22 2:16 2:15	0:08 0:02 0:11	2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209)

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

TABLE I-2-18 (Continued)

SEGMENT JFK ==> MIA (CONTINUED)  
 STAGE LENGTH = 1090 ST. MILES

AIRLINE		AIRCRAFT		BUSY (0700-2259)			(2300-0659)			NOMINAL TIME	
NA	(CINT)	#FLIGHTS	Avg AIR TIME	#FLIGHTS	Avg AIR TIME	DELAY	#FLIGHTS	Avg AIR TIME	DELAY	TIME	(DATE)
NA	816	8-747	199	2:26	0:15					2:14	(7209)
	842	DC-B-20	18	2:28	0:14					2:14	(7209)
	848	DC-B-50	22	2:23	0:09					2:14	(7209)
	850	DC-B-50F	8	2:29	0:16					2:14	(7209)
	851	DC-B-61	5	2:18	0:04					2:14	(7209)
		TOTAL	779	2:21	0:08					2:16	0:02
PA	710	R-727-160	3	2:30	0:16					2:14	(7209)
	808	R-707-300B	177	2:27	0:13					2:14	(7209)
	809	R-707-300C	77	2:28	0:14					2:14	(7209)
		TOTAL	257	2:27	0:14						
		ROUTE SUMMARY	3418	2:22	0:09		1091	2:16	0:02		

TABLE I-2-19

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LENGTH => ORIGIN STAFG LENGTH => 1744 ST. MTL'S	AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NUMINAL TIME (DATE)
			#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	AA	710 R=727-100	327	3:28	0:14	5	3:18	0:04	3:14 (7205)
		715 B=727-200	23	3:35	0:21	1	3:11	-0:03	3:14 (7205)
		730 DC=10-10	541	3:22	0:08	8	3:17	0:03	3:14 (7205)
		802 R=707-100R	280	3:26	0:12	284	3:21	0:08	3:14 (7205)
		808 R=707-300R	30	3:22	0:08	15	3:20	0:06	3:14 (7205)
		809 R=707-300C	94	3:23	0:09	288	3:19	0:05	3:14 (7205)
		816 R=747	290	3:23	0:09	1	3:06	-0:08	3:14 (7205)
	TOTAL		1585	3:24	0:10	602	3:20	0:07	
CN	CN	715 H=727-200	115	3:21	0:07	57	3:13	-0:01	3:14 (7205)
		730 DC=10-10	742	3:23	0:09	1	3:23	0:09	3:14 (7205)
		809 R=707-300C	6	3:31	0:18	6	3:11	-0:03	3:14 (7205)
		B14 B=727-000R	223	3:17	0:04	245	3:16	0:03	3:14 (7205)
		816 R=747	108	3:20	0:07				
		TOTAL	1194	3:27	0:08	309	3:16	0:02	
	TW								
	TW	710 R=727-100	1	3:32	0:18	1	3:29	0:15	3:14 (7205)
UA	UA	715 B=727-200	2	3:47	0:33	3	3:18	0:04	3:14 (7205)
		760 L=1011	439	3:23	0:10	230	3:14	0:00	3:14 (7205)
		802 R=707-100R	727	3:29	0:15	35	3:20	0:06	3:14 (7205)
		806 H=707-300	3	3:29	0:15				
		808 H=707-300R	14	3:22	0:08	2	3:29	0:15	3:14 (7205)
		809 R=707-300C	100	3:21	0:08	199	3:20	0:06	3:14 (7205)
		816 R=747-	4	3:19	0:06	29	3:17	0:03	3:14 (7205)
		825 CV=880				1	3:34	0:20	3:14 (7205)
	TOTAL		1290	3:26	0:13	500	3:17	0:03	

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

TABLE 2-19 (Continued)

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT TAX => ORD (CONTINUED)  
STAGE LENGTH = 1744 ST. MILES

AIRLINE (CONT.)	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay	
UA	730 DC-10-10	369	3:28	0:15	84	3:15	0:02	3:14 (7205)
	R-47	615	3:21	0:07	267	3:16	0:02	3:14 (7205)
	842 DC-8-20	137	3:31	0:17				3:14 (7205)
	844 DC-8-30	20	3:25	0:12	1	3:12	-0:02	3:14 (7205)
	848 DC-8-50	140	3:31	0:17				3:14 (7205)
	850 DC-8-50F	202	3:33	0:20	266	3:21	0:07	3:14 (7205)
	851 DC-8-61	506	3:29	0:16	5	3:55	0:21	3:14 (7205)
	854 DC-8-62	39	3:23	0:09	1	3:34	0:20	3:14 (7205)
	TOTAL	1632	3:27	0:13	624	3:18	0:05	
	ROUTE SUMMARY	5901	3:25	0:11	2035	3:18	0:04	

TABLE I-2-20

SEGMENT LAX ==> SFO STAGE LENGTH = 338 ST. MILES		CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						AIRCRAFT DELAYS DURING 1973		
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)		
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
AA	809 R-707-300C	567	0:52	0:06				0:46 (7204)		
	TOTAL	567	0:52	0:06						
BN	848 DC-8-50	2	0:50	0:04				0:46 (7204)		
	854 DC-8-62	146	0:53	0:07				0:46 (7204)		
	TOTAL	148	0:53	0:07						
DL	555 L-100-20	162	1:10	-0:06				1:16 (7204)		
	848 DC-8-50									
	TOTAL	162	1:10	-0:06	225	0:47	0:01	0:46 (7204)		
NM	816 R-747	225	0:55	0:09				0:06		
	TOTAL	225	0:55	0:09	89	0:52	0:06	0:46 (7204)		
PA	808 B-707-300R	170	0:54	0:08				0:04		
	809 B-707-300C	247	0:53	0:07				0:46 (7204)		
	816 B-747	718	0:54	0:07	299	0:51	0:05	0:46 (7204)		
RW	TOTAL	1135	0:53	0:07	300	0:51	0:05	0:46 (7204)		
UA	630 DC-9-10	271	0:55	0:09				0:46 (7204)		
	640 DC-9-30	580	0:53	0:07				0:46 (7204)		
	TOTAL	851	0:54	0:08				0:46 (7204)		

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

TABLE I-2-20 (Continued)

AIRBORNE DELAYS DURING 1973  
CATALOGIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT LAX ==> SFO (CONTINUED)  
STAGE LENGTH = 338 ST. MILFS

CARRIER	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
TW	710 R-727-100 711 B-727-100C/QC 715 B-727-200 L-1011 760 L-1011 802 B-707-100H 806 H-707-100 808 H-707-300R 809 R-707-300C 816 H-747 825 CV-880	196 57 67 11 827 160 367 367 635 187 3 2510	0:52 0:53 0:53* 0:51 0:52 0:53 0:52 0:52 0:51 0:50 0:51 0:52	0:06 0:07 0:05 0:06 0:07 0:06 0:06 0:06 0:05 0:04 0:05 0:06	117 38 3 98 221 7 12 12 1 1 1 498	0:48 0:47 0:49 0:48 0:50 0:51 0:50 0:50 0:46 0:46 0:46 0:49	0:02 0:01 0:03 0:02 0:04 0:05 0:04 0:04 0:04 0:04 0:04 0:04	0:46 (7204) 0:46 (7204)
TOTAL								
UA	620 R-737-200 710 B-727-100 711 B-727-100C/QC 715 B-727-200 730 DC-10-10 731 DC-10-20 816 B-747 842 DC-8-20 844 DC-8-30 848 DC-8-50 850 DC-8-50F 851 DC-8-61 854 DC-8-62	813 1990 1002 279 49 25 452 107 253 294 323 139	0:51 0:50 0:51 0:51 0:53 0:51 0:51 0:52 0:52 0:52 0:50 0:52 0:52	0:05 0:04 0:05 0:05 0:07 0:04 0:05 0:06 0:04 0:06 0:04 0:06 0:06	2 81 25 8 1 22 8 12 12 17 26 202	0:49 0:50 0:49 0:51 0:51 0:51 0:51 0:51 0:47 0:51 0:47 0:50	0:03 0:04 0:03 0:04 0:05 0:05 0:05 0:05 0:01 0:05 0:01 0:04	0:46 (7204) 0:46 (7204)
TOTAL								
WA	620 B-737-200 715 B-727-200 809 B-707-100C 814 B-720-000R	1158 75 14 1556	0:55 0:51 0:48 0:51	0:07 0:05 0:02 0:05	357 60 1 299	0:51 0:52 0:51 0:49	0:05 0:06 0:05 0:03	0:46 (7204) 0:46 (7204) 0:46 (7204) 0:46 (7204)
TOTAL		2803	0:51	0:05	717	0:50	0:04	

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

TABLE I - 2 - 20 (Continued)

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT	LAX => SFO (CONTINUED)	STAGE LENGTH	MILES	#FLIGHTS				#BUSY (0700-2259)	NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT			Avg Air Time	Avg Air Delay	Avg Air Time	Avg Air Delay	(2300-0659)	
ROUTE SUMMARY				1:41:26	0:52	0:05	2031	0:50	0:04

==ALL TIMES ARE IN HOURS AND MINUTES==

TABLE I-2-21

AIRPORT DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

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

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			FINAL TIME (DATE)
		# FLIGHTS	AVG AIR TIME	AVG AIR DELAY	# FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	1547	0:33	0:07				0:26 (7212)
	715 B-727-200	1024	0:34	0:07				0:26 (7212)
	809 R-707-300C	1	0:26	-0:00				0:26 (7212)
	TOTAL	2572	0:34	0:07				
DL	640 DC-9-30	89	0:34	0:08				0:26 (7212)
	710 H-727-100	174	0:36	0:10				0:26 (7212)
	715 H-727-200	12	0:55	0:07				0:26 (7212)
	730 DC-10-10							0:26 (7212)
	TOTAL	275	0:35	0:09				
FA	550 L-188A-08/1RRC	1973	0:40	0:05				0:35 (7201)
	640 DC-9-30	53H2	0:33	0:07				0:26 (7212)
	710 H-727-100	591	0:34	0:08				0:26 (7212)
	711 H-727-100C/AC	69	0:34	0:07				0:26 (7212)
	715 H-727-200	130	0:35	0:08				0:26 (7212)
	760 I-1011	3	0:33	0:07				0:26 (7212)
	TOTAL	814H	0:35	0:06				
ROUTE SUMMARY		10995	0:35	0:07	556	0:31	0:04	

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-2-22

SEGMENT LGA ==> NCA  
SEGMENT LENGTH = 214 MI.

AIRBORNE DELAYS DURING 1973  
CATERORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	H30	0:43	0:14				0:29 (7208)
	715 H-727-200	1229	0:44	0:15				0:29 (7208)
	TOTAL	2059	0:43	0:15				
DL	640 DC-9-30	151	0:48	0:19				0:29 (7208)
	TOTAL	151	0:48	0:19				
FA	550 L-188A-08/IRAC	1946	0:55	0:13				0:40 (7204)
	630 NC-9-10	516	0:45	0:17				0:29 (7208)
	640 NC-9-30	5136	0:43	0:15				0:29 (7208)
	710 H-727-100	568	0:44	0:15				0:29 (7208)
	711 H-727-100C/DC	26	0:41	0:13				0:29 (7208)
	715 H-727-200	164	0:48	0:20				0:29 (7208)
	TOTAL	7846	0:46	0:14				
	ROUTE SUMMARY	10056	0:45	0:15				

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

TABLE I - 2-23

SEGMENT LGA ==> DTW  
STAGE LENGTH = 501 MILES  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINES	AIRCRAFT	HUSKY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	2662	1:17	0:03	3572	1:17	0:03	1:14 (7208)
	715 B-727-200	910	1:18	0:04				1:14 (7208)
	TOTAL							
NH	710 B-727-100	239	1:21	0:07	250	1:21	0:07	1:14 (7208)
	715 B-727-200	11	1:21	0:07				1:14 (7208)
	TOTAL							
UA	620 B-737-200	950	1:23	0:09	1560	1:21	0:07	1:14 (7208)
	710 B-727-100	331	1:17	0:03				1:14 (7208)
	711 B-727-100C/QC	147	1:20	0:06				1:14 (7208)
	715 B-727-200	152	1:19	0:05				1:14 (7208)
	TOTAL							
ROUTE SUMMARY								
		5382	1:18	0:05				

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

TABLE I-2-24

AIRPORT DELAYS DURING 1973  
CATGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT	LGA => ORD STAFF LENGTH = .733 ST. MILFS	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
			#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
AA	710 R-727-100	2000	1:52	0:21		1:31	(7210)		
	715 B-727-200	1412	1:53	0:22		1:31	(7210)		
	730 DC-10-10	747	1:52	0:21		1:31	(7210)		
	TOTAL	4159	1:52	0:22					
TW	710 R-727-100	1715	1:53	0:23		1:31	(7210)		
	711 B-727-100C/QC	461	1:53	0:23		1:31	(7210)		
	715 B-727-200	1967	1:49	0:18		1:31	(7210)		
	TOTAL	4143	1:51	0:20					
UA	620 R-737-200	19	1:57	0:26		1:31	(7210)		
	710 B-727-100	1349	1:56	0:26		1:31	(7210)		
	711 B-727-100C/QC	887	1:56	0:25		1:31	(7210)		
	715 R-727-200	430	1:56	0:25		1:31	(7210)		
TOTAL			2685	1:56	0:25				
ROUTE SUMMARY			10987	1:53	0:22				

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

TABLE I-2-25

AIRBORNE DELAYS DURING 1973  
CATALOGIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT: MIA ==> ATL  
STAGE LENGTH = 595 ST. MILFS

AIRLINE	AIRCRAFT	HUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
DL	630 DC-9-10	1	1:21	0:03	25	1:23	0:05	1:18 (7210)
	640 DC-9-50	332	1:34	0:16				1:18 (7210)
	710 B-727-100	2	1:20	0:02	15	1:28	0:09	1:18 (7210)
	715 B-727-200	47	1:23	0:05	192	1:24	0:06	1:18 (7210)
	730 DC-10-10	43	1:28	0:10	1	1:37	0:19	1:18 (7210)
	760 L-1011							1:18 (7210)
	816 R-747	364	1:29	0:10				1:18 (7210)
	825 CV-880	209	1:20	0:02	1	1:23	0:05	1:18 (7210)
	844 DC-8-50	247	1:36	0:16	1	1:25	0:07	1:18 (7210)
	848 DC-8-50	152	1:28	0:10	1	1:24	0:06	1:18 (7210)
	851 DC-8-61	413	1:29	0:10	3	1:21	0:03	1:18 (7210)
	TOTAL	1809	1:29	0:11	239	1:24	0:06	
FA	630 DC-9-10	5	1:32	0:14	1	1:24	0:06	1:18 (7210)
	640 DC-9-50	456	1:34	0:16	44	1:26	0:08	1:18 (7210)
	710 H-727-100	324	1:31	0:13	125	1:25	0:05	1:18 (7210)
	711 H-727-100C/RC	155	1:29	0:11	167	1:22	0:04	1:18 (7210)
	715 H-727-200	279	1:26	0:08	70	1:18	-0:00	1:18 (7210)
	760 L-1011	77	1:26	0:08				1:18 (7210)
	842 DC-8-20	15	1:26	0:08				1:18 (7210)
	851 DC-8-61	25	1:29	0:10				1:18 (7210)
	856 DC-8-63	7	1:25	0:07				1:18 (7210)
	TOTAL	1321	1:30	0:12	407	1:22	0:04	
NW	710 B-727-100							1:18 (7210)
	715 B-727-200	132	1:24	0:06				1:18 (7210)
	733 DC-10-40	16	1:24	0:06				1:18 (7210)
	809 B-707-300C	1	1:19	0:01				1:18 (7210)
		1	1:25	0:07				1:18 (7210)
	TOTAL	150	1:24	0:06				

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-2-25 (Continued)

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE								
SEGMENT	MIA ==> ATL (CONTINUED)	STAGE LENGTH	= 595 ST. MILES	#FLIGHTS (0700-2259) #FLIGHTS (2300-0659)				
AIRLINE	AIRCRAFT			BUSY	Avg AIR TIME	Avg AIR TIME	DULL	NOMINAL TIME (DATE)
				#FLIGHTS	Avg AIR TIME	Avg AIR TIME	#FLIGHTS	Avg AIR TIME
UA	620 B-737-200	245	1:30	0:12			1:18	(7210)
	710 B-727-100	137	1:25	0:07			1:18	(7210)
	711 B-727-100C/AC	73	1:35	0:15			1:18	(7210)
	715 B-727-200	215	1:27	0:09			1:18	(7210)
	TOTAL	670	1:29	0:10				
	ROUTE SUMMARY	3950	1:29	0:11	646	1:23	0:05	

TABLE I - 2-26

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT MIA ==> JFK  
STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay	
RN	802 B-707-100R 848 DC-8-50 854 DC-8-62	5 13 379	2:15 2:25 2:25	0:08 0:17 0:17	0:08 0:14 0:17	2:08 2:08 2:08	(7202) (7202) (7202)	2:08 (7202)
	TOTAL	397	2:25	0:17				
DL	640 DC-9-30 715 B-727-200 730 DC-10-10 760 L-1011 816 H-747 844 DC-8-30 848 DC-8-50 851 DC-8-61	310 136 233 1 165 1 2 568	2:23 2:15 2:24 2:20 2:19 2:16 2:20 2:20	0:15 0:08 0:16 0:12 0:11 0:08 0:12 0:12	1 135 83	2:11 2:14 2:15	0:03 0:07 0:08 0:108 0:14 2:22	2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202)
	TOTAL				220	2:15	0:07	
FA	630 DC-9-10 640 DC-9-50 710 B-727-100 711 B-727-100C/0C 715 B-727-200 760 L-1011 842 DC-8-20 851 DC-8-61 856 DC-8-63	2 32 218 617 96 544 18 6 3	2:38 2:29 0:121 0:12 0:07 2:17 2:18 2:20 2:17 2:24	0:50 0:12 0:12 0:07 0:10 0:10 0:12 0:09 0:16	205	2:13 8 3 4 34 15	0:05 0:10 -0:07 0:02 0:09 2:14 2:15	2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202)
	TOTAL	1536	2:17	0:10	269	2:13	0:05	
NA	710 B-727-100 715 B-727-200 730 DC-10-10 732 DC-10-30	23 409 177 55	2:14 2:18 2:13 2:14	0:06 0:11 0:05 0:06				2:08 (7202) 2:08 (7202) 2:08 (7202) 2:08 (7202)

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

TABLE I-2-26 (Continued)

SEGMENT MIA ==> JFK (CONTINUOUS)  
 STAGE LENGTH = 1090 ST. MILFS

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRBORNE DELAYS DURING 1973

AIRLINF	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
NA (CONN)	816 H-747	323	2:23	0:15				2:08 (7202)
	842 DC-8-20	1	2:36	0:28				2:08 (7202)
	848 DC-8-50	18	2:19	0:12				2:08 (7202)
	850 DC-8-50F	1	2:29	0:21				2:08 (7202)
	851 DC-8-61	4	2:15	0:08				2:08 (7202)
	TOTAL	1011	2:18	0:11				
PA	710 H-727-100	2	2:11	0:03				2:08 (7202)
	711 H-727-100C/AC	1	3:10	0:52				2:08 (7202)
	ROR R-707-300R	170	2:25	0:17				2:08 (7202)
	809 H-707-300C	79	2:25	0:17				2:08 (7202)
	816 H-747	1	2:28	0:20				2:08 (7202)
	TOTAL	253	2:25	0:17				
	ROUTE SUMMARY	5765	2:19	0:12	489	2:14	0:06	

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

TABLE I - 2 - 27

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT MSP ==> IIRD  
STAGE LENGTH = 334 ST. MILFS

AIRLINE	AIRCRAFT	BUSY (0700-02259)			DULL (2300-0059)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
NC	640 DC-9-30	728	0:57	0:14	728	0:57	0:14	0:43 (7204)
	TOTAL							
NW	L-18RA-08/18RC B-127-100 B-727-200 DC-10-40 B-707-300H B-707-300C B-120-100H B-747	28 1088 1825 365 45 486 55 583	0:55 0:58 0:57 0:56 0:57 0:57 0:55 1:00	-0:25 0:15 0:14 0:13 0:14 0:14 0:12 0:17	33	0:52	0:09	1:20 (7209)
	TOTAL	4875	0:58	0:15	365	0:50	0:07	0:43 (7204)
UA	H-737-200 H-727-100 H-727-100C/AC R-727-300 DC-8-20 DC-8-30 DC-8-50 DC-8-61 DC-8-62	770 675 235 424 1 2 1 2 1	0:57 0:56 0:55 0:56 0:49 0:06 0:46 0:54 1:45	0:14 0:13 0:13 0:13 0:06 0:24 0:13 0:12 1:02	0:13 0:13 0:13 0:13 0:06 0:24 0:13 0:12 0:02	0:43 (7204) 0:43 (7204) 0:43 (7204) 0:43 (7204) 0:43 (7204) 0:43 (7204) 0:43 (7204) 0:43 (7204) 0:43 (7204)	0:09 0:06 0:07 0:05 0:05 0:05 0:05 0:05 0:05	0:43 (7204)
	TOTAL	2111	0:56	0:13				
ROUTE SUMMARY		7714	0:57	0:14	365	0:50	0:07	

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

TABLE I-2-28

AIRBORNE DELAYS DURING 1973  
CATALOGUED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT NW ==> ATL  
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
DL	630 DC-9-10	130	1:16	0:08	6	1:21	0:14	1:07	1:07	(7209)
	640 DC-9-30	434	1:21	0:14				1:07	1:07	(7209)
	710 R-727-100	1	1:29	0:22				1:07	1:07	(7209)
	715 R-727-200	28	1:26	0:18				1:07	1:07	(7209)
	816 H-747	213	1:23	0:16	1	2:21	1:14	1:07	1:07	(7209)
	825 CV-880	4	1:18	0:11		4	1:15	0:07	1:07	(7209)
	844 DC-8-30	128	1:22	0:14		210	1:15	0:08	1:07	(7209)
	848 DC-8-50	717	1:24	0:17		13	1:13	0:05	1:07	(7209)
	851 DC-8-61	394	1:21	0:14		41	1:19	0:11	1:07	(7209)
TOTAL		2049	1:22	0:15	275	1:16	0:09			
FA	630 DC-9-10	62	1:27	0:20				1:07	1:07	(7209)
	640 DC-9-30	953	1:26	0:19	1	1:18	0:11	1:07	1:07	(7209)
	710 H-727-100	293	1:26	0:19	90	1:22	0:14	1:07	1:07	(7209)
	711 B-727-100C/QC	381	1:26	0:19	474	1:20	0:13	1:07	1:07	(7209)
	715 R-727-200	29	1:26	0:18	176	1:20	0:13	1:07	1:07	(7209)
TOTAL		1718	1:26	0:19	741	1:20	0:13			
NW	710 R-727-100	1192	1:25	0:17				1:07	1:07	(7209)
	715 R-727-200	33	1:26	0:19				1:07	1:07	(7209)
TOTAL		1225	1:25	0:17						
ROUTE SUMMARY		4992	1:24	0:17	1016	1:19	0:12			

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

TABLE I - 2 - 29

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT (RD ==> RJS  
STAGE LENGTH = 867 ST. MILES)

AIRLINE	AIRCRAFT	BUSY ((700-2239))			DULL ((2300-0639))			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
AA	710 B-727-100	140	1:45	0:09				1:36 (7206)
	715 B-727-200	281	1:45	0:09				1:36 (7206)
	730 DC-10-10	115	1:41	0:06				1:36 (7206)
	802 B-707-100B	457	1:43	0:07				1:36 (7206)
	808 B-707-300B	14	1:47	0:11				1:36 (7206)
	809 B-707-300C	49	1:43	0:07				1:36 (7206)
	816 R-747	297	1:42	0:06				1:36 (7206)
	TOTAL	1553	1:43	0:08				
TW	710 B-727-100	313	1:44	0:08				1:36 (7206)
	711 B-727-100C/QC	88	1:43	0:07				1:36 (7206)
	715 B-727-200	37	1:42	0:06				1:36 (7206)
	760 L-1011	86	1:42	0:07				1:36 (7206)
	802 B-707-100B	21	1:41	0:06				1:36 (7206)
	808 B-707-300B	1	1:42	0:06				1:36 (7206)
	A25 CV-880	789	1:43	0:07				1:36 (7206)
	TOTAL	1335	1:43	0:07				
UA	620 B-737-200	2	1:49	0:13				1:36 (7206)
	710 B-727-100	289	1:44	0:08				1:36 (7206)
	711 B-727-100C/QC	21	1:49	0:13	243	1:42	0:07	1:36 (7206)
	715 B-727-200	391	1:45	0:10				1:36 (7206)
	730 DC-10-10	32	1:44	0:08				1:36 (7206)
	816 R-747	35	1:43	0:07				1:36 (7206)
	A42 DC-8-20	337	1:44	0:08				1:36 (7206)
	844 DC-8-30	164	1:45	0:09				1:36 (7206)
	846 DC-8-50	51	1:42	0:06				1:36 (7206)
	850 DC-8-50F	37	1:41	0:06				1:36 (7206)
	H51 DC-8-61	47	1:43	0:08				1:36 (7206)
	854 DC-8-62	13	1:44	0:09				1:36 (7206)
	TOTAL	1419	1:44	0:08	243	1:42	0:07	

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

TABLE I-2-29 (Continued)

SEGMENT (ORD => BOS (CONTINUED)) STAGE LENGTH = 867 MI/FS										AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE			
ROUTE SUMMARY	AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)		
			#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY					
			4107	1:44	0:08	243	1:42	0:07					

TABLE I-2-30

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD ==> DCA STAGE LENGTH = 612 ST. MILES		AIRCRAFT		BUSY (0700-2259)		DULL (2300-0659)		NOMINAL TIME (DATE)	
AIRLINE		#FLIGHTS	Avg AIR TIME	#FLIGHTS	Avg AIR TIME	DELAY	Avg AIR TIME	DELAY	
AA	710 H-727-100	2158	1:21	0:08					1:13 (7202)
	715 H-727-200	1632	1:21	0:09					1:13 (7202)
	TOTAL	3770	1:21	0:08					
TW	710 B-727-100	227	1:20	0:08					1:13 (7202)
	711 B-727-100C/QC	83	1:20	0:08					1:13 (7202)
	715 B-727-200	884	1:20	0:07					1:13 (7202)
TOTAL		1194	1:20	0:07					
UA	620 H-737-200	654	1:25	0:13					1:13 (7202)
	710 B-727-100	496	1:20	0:07					1:13 (7202)
	711 H-727-100C/QC	54	1:19	0:06					1:13 (7202)
	715 B-727-200	1202	1:21	0:08					1:13 (7202)
	TOTAL	2406	1:22	0:09					
	ROUTE SUMMARY	7370	1:21	0:09					

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

TABLE I - 2 - 31

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT END ==> DEST  
STAFF LENGTH = 900 ST. MILFS

AIRLINF	AIRCRAFT	BUSY (0700-2239)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
CJ	635 DC-9-15F	3	2:05	0:09	6	2:03	0:06	1:57 (7206)
	715 B-727-200	603	1:56	-0:01	2	2:03	0:07	1:57 (7206)
	730 DC-10-10	903	1:57	0:00	346	1:55	-0:01	1:57 (7206)
R09	H-707-300C	1	1:55	-0:02	1	2:02	0:05	1:57 (7206)
R14	H-720-000R	274	1:57	0:00				1:57 (7206)
R16	R-747	2	2:00	0:03				1:57 (7206)
TOTAL		1786	1:56	-0:00	355	1:55	-0:01	
TW	710 B-727-100	10	2:04	0:08				1:57 (7206)
	711 B-727-100C/QC	5	2:06	0:10				1:57 (7206)
	715 B-727-200	5	1:56	-0:00				1:57 (7206)
	802 H-707-100R	44	2:04	0:07				1:57 (7206)
	806 H-707-300	1	1:45	-0:12				1:57 (7206)
	808 H-707-300H	1	2:01	0:04				1:57 (7206)
	825 CV-880	1435	1:57	0:01				1:57 (7206)
TOTAL		1499	1:58	0:01				
UA	620 B-737-200	5	2:12	0:16				1:57 (7206)
	710 R-727-100	448	2:00	0:04	247	1:57	0:00	1:57 (7206)
	711 R-727-100C/QC	68	2:01	0:04				1:57 (7206)
	715 R-727-200	244	1:59	0:03				1:57 (7206)
	730 DC-10-10	1260	1:58	0:01				1:57 (7206)
R42	DC-8-20	109	2:03	0:07				1:57 (7206)
R44	DC-8-30	54	2:03	0:07				1:57 (7206)
	848 DC-8-30	14	2:03	0:07				1:57 (7206)
	851 DC-8-61	102	2:01	0:05				1:57 (7206)
	854 DC-8-62	3	2:02	0:06				1:57 (7206)
TOTAL		2307	1:59	0:03	247	1:57	0:00	
ROUTE SUMMARY		5592	1:58	0:01	602	1:56	-0:01	

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

TABLE I-2-32

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT ORD ==> DTW  
STAGE LENGTH = 235 ST. MILES

AIRLINF	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	192	0:159	0:108	2	0:39	0:08	0:31 (7201)
	715 H-727-200	442	0:41	0:10	1	0:54	0:03	0:31 (7201)
	730 DC-10-10	535	0:39	0:08	1	0:37	0:06	0:31 (7201)
	802 B-707-100R	338	0:39	0:08	26	0:45	0:14	0:31 (7201)
	804 H-707-300R	83	0:56	0:07				0:31 (7201)
	809 B-707-300C	239	0:58	0:07	1	0:43	0:12	0:31 (7201)
	816 B-747	295	0:41	0:09	84	0:37	0:06	0:31 (7201)
	TOTAL	2124	0:40	0:08	115	0:59	0:08	
DL	640 DC-9-30	660	0:36	0:04				0:31 (7201)
	TOTAL	660	0:56	0:04				
EA	710 B-727-100	47	0:38	0:07				0:31 (7201)
	711 B-727-100C/QC	21	0:36	0:05				0:31 (7201)
	715 H-727-200	18	0:40	0:08				0:31 (7201)
	TOTAL	86	0:36	0:07				
NW	710 B-727-100	386	0:40	0:09				0:31 (7201)
	715 H-727-200	336	0:41	0:09	32	0:40	0:09	0:31 (7201)
	808 H-707-300R	40	0:44	0:13	27	0:59	0:08	0:31 (7201)
	809 H-707-300C	451	0:41	0:10	289	0:39	0:07	0:31 (7201)
	814 B-720-000R	6	0:58	0:06	9	0:39	0:08	0:31 (7201)
	816 B-747	222	0:43	0:12				0:31 (7201)
	TOTAL	1441	0:41	0:10	357	0:59	0:07	
PA	809 H-707-300C	513	0:41	0:10				0:31 (7201)

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

TABLE I-2-32 (Continued)

SEGMENT DPD ==> DTW (CONTINUOUS) STAGE LENGTH = 235 ST. MILES		AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE, AND EQUIPMENT TYPE						NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)----- #FLIGHTS      AVG AIR TIME      AVG AIR DELAY			-----DULL (2300-0659)----- #FLIGHTS      AVG AIR TIME      AVG AIR DELAY			
PA (CONT)	TOTAL	313	0:41	0:10	313	0:40	0:09	
UA	620 H=737-200	231	0:40	0:09	0:31	0:31	0:09	(7201)
	710 H=727-100	399	0:37	0:06	0:31	0:31	0:06	(7201)
	711 H=727-100C/AC	138	0:37	0:06	0:31	0:31	0:06	(7201)
	715 H=727-200	10	0:38	0:05	0:31	0:31	0:05	(7201)
	730 DC-10-10	2	0:40	0:09	0:31	0:31	0:09	(7201)
	816 H=747	151	0:40	0:09	0:31	0:31	0:09	(7201)
	842 DC-H-20	63	0:39	0:08	0:31	0:31	0:08	(7201)
	844 DC-B-30	16	0:39	0:07	0:31	0:31	0:07	(7201)
	848 DC-B-50	24	0:40	0:09	0:31	0:31	0:09	(7201)
	851 DC-B-61	159	0:39	0:08	0:31	0:31	0:08	(7201)
	AS4 DC-B-62	3	0:34	0:03	0:31	0:31	0:03	(7201)
	TOTAL	1196	0:39	0:07				
ROUTE SUMMARY		5820	0:39	0:08	472	0:39	0:08	

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

TABLE I-2-33

SEGMENT ORD ==> EWR  
STAGE LENGTH = 719 ST. MILES

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRBORNE DELAYS DURING 1973

AIRLINE	AIRCRAFT	#FLIGHTS			#FLIGHTS			#FLIGHTS			#FLIGHTS			
		0700-07259	Avg Air Time	Avg Air Delay	0700-07259	Avg Air Time	Avg Air Delay	0700-07259	Avg Air Time	Avg Air Delay	0700-07259	Avg Air Time	Avg Air Delay	
<b>AA</b>														
710	B-727-100	151	1:34	0:11	715	1:35	0:11	715	1:31	0:08	715	1:32	0:05	
715	B-727-200	136	1:35	0:11	802	1:31	0:07	802	1:32	0:08	802	1:24	(7211)	
802	B-707-100H	442	1:32	0:08	808	1:31	0:07	808	1:32	0:08	808	1:24	(7211)	
808	B-707-300H	63	1:31	0:07	809	1:31	0:07	809	1:32	0:08	809	1:24	(7211)	
809	B-707-300C	198			<b>TOTAL</b>	990	1:32	0:08					1:24	(7211)
<b>TW</b>														
710	B-727-100	234	1:32	0:08	711	1:31	0:08	715	1:31	0:08	715	1:32	0:05	
711	B-727-100C/QC	79	1:31	0:08	715	1:31	0:08	802	1:31	0:07	802	1:32	(7211)	
715	B-727-200	388	1:31	0:07	802	1:31	0:07	806	1:27	0:04	806	1:24	(7211)	
802	B-707-100H	184	1:31	0:07	806	1:27	0:04	808	1:28	0:04	808	1:24	(7211)	
806	B-707-300H	4	1:27	0:04	808	1:28	0:04	825	1:30	0:06	825	1:24	(7211)	
808	B-707-300H	1	1:30	0:06	<b>TOTAL</b>	1260	1:51	0:07					1:24	(7211)
<b>UA</b>														
620	B-737-200	8	1:38	0:14	710	1:31	0:07	711	1:30	0:06	715	1:24	(7211)	
710	B-727-100	28	1:31	0:07	711	1:30	0:06	715	1:33	0:10	715	1:24	(7211)	
711	B-727-100C/QC	7	1:30	0:06	730	1:30	0:06	842	1:30	0:06	842	1:24	(7211)	
715	R-727-200	34	1:33	0:10	844	1:31	0:07	848	1:31	0:07	848	1:24	(7211)	
730	DC-10-10	483	1:30	0:06	844	1:30	0:06	850	1:31	0:08	850	1:24	(7211)	
842	DC-8-20	216	1:30	0:06	848	1:31	0:07	850	1:31	0:07	850	1:24	(7211)	
844	DC-8-30	74	1:31	0:07	848	1:31	0:07	851	1:32	0:08	851	1:24	(7211)	
848	DC-8-50	106	1:31	0:08	850	1:31	0:07	851	1:32	0:08	851	1:24	(7211)	
850	DC-8-50F	35	1:31	0:07	851	1:32	0:08	852	1:30	0:06	852	1:24	(7211)	
851	DC-8-61	813	1:32	0:08	854	92	1:30	0:06					1:24	(7211)
854	DC-8-62	92			<b>TOTAL</b>	1896	1:31	0:07					0:05	
<b>ROUTE SUMMARY</b>													0:05	
4146		1:31	0:07										1:28	

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

TABLE I-2-34

AIRCRAFT DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT 1RD => TAX  
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg Atm Time	Avg Air Dfly	NFLIGHTS	Avg Air Time	Avg Air Delay			
AA	710 R=727-100 715 B=727-200 730 DC-10-10 802 B=707-100R 808 B=707-300R 809 B=707-300C 816 R=747	245 11 713 316 29 551 183	3:38 3:36 3:36 3:44 3:41 3:41 3:34	0:03 0:02 0:01 0:09 0:07 0:06 -0:00	16 1 4 198 10 337 2	3:39 3:04 3:49 3:44 3:40 3:42 3:46	0:05 -0:31 0:15 0:10 0:05 0:08 0:11	5:35 (7212) 5:35 (7212) 5:35 (7212) 5:35 (7212) 5:35 (7212) 5:35 (7212) 5:35 (7212)		
	TOTAL	1846	3:38	0:04	568	3:43	0:08			
CA	715 B=727-200 730 DC-10-10 809 B=707-300C 814 B=720-000R 816 R=747	121 996 7 65 358	3:40 3:34 3:35 3:41 3:35	0:06 -0:00 0:00 0:06 0:00				5:35 (7212) 5:35 (7212) 5:35 (7212) 5:35 (7212) 5:35 (7212)		
	TOTAL	1547	3:35	0:01						
PA	809 B=707-300C	17	3:46	0:12				3:35 (7212)		
	TOTAL	17	3:46	0:12						
TW	710 R=727-100 715 B=727-200 760 L=1011 802 B=707-100R 806 B=707-300 808 B=707-300R 809 B=707-300C 816 H=747 825 CV=880	1 4 565 545 4 16 133 7	3:38 3:50 3:31 3:40 3:42 3:36 3:35 3:37	0:03 0:16 -0:04 0:06 0:08 0:01 0:01 0:02	98 197 5 10 210	3:32 3:44 3:54 3:37 0:02	-0:02 0:00 0:00 0:02 0:06	3:35 (7212) 3:35 (7212) 3:35 (7212) 3:35 (7212) 3:35 (7212) 3:35 (7212) 3:35 (7212) 3:35 (7212)		
	TOTAL	1275	3:36	0:01	520	3:40	0:06			

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

TABLE I - 2-34 (Continued)

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
ORD ==> LAX (CONTINUED)  
SEGMENT LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay	
UA	B-727-100	1	3:53	-0:02				3:35 (7212)
	B-727-100 C/QC	1	3:45	0:13				3:35 (7212)
	DC-10-10	635	3:38	0:04	1	3:53	0:18	3:35 (7212)
	R-747	770	3:57	0:03		3:30	-0:05	3:35 (7212)
	DC-8-20	143	3:47	0:12	23	3:56	0:22	3:35 (7212)
	DC-8-30	18	3:47	0:13	13	3:46	0:11	3:35 (7212)
	DC-8-50	111	3:45	0:11	12	3:50	0:15	3:35 (7212)
	DC-R-50F	850	3:42	0:08	309	3:42	0:08	3:35 (7212)
	DC-8-61	108	3:42	0:08	17	3:53	0:19	3:35 (7212)
	DC-8-62	7	3:44	0:09	26	3:44	0:10	3:35 (7212)
TOTAL		1794	3:59	0:05	402	3:44	0:09	
ROUTE SUMMARY		6479	3:37	0:03	1490	3:42	0:08	

TABLE I-2-35

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT: ORD ==> LGA  
STAGE LENGTH = 733 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
AA	710 H-727-100	1658	1:35	0:09						1:26 (7212)
	715 H-727-200	1288	1:36	0:10						1:26 (7212)
	730 DC-10-10	727	1:37	0:11						1:26 (7212)
	A02 R-707-100H	2	1:36	0:10						1:26 (7212)
	TOTAL	3675	1:36	0:10						
UA	710 H-727-100	1574	1:35	0:09						1:26 (7212)
	711 H-727-100C/AC	436	1:35	0:09						1:26 (7212)
	715 H-727-200	1610	1:37	0:11						1:26 (7212)
	TOTAL	3620	1:36	0:10						
RUTT SUMMARY		9987	1:56	0:10						

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

TABLE I-2-36

SEGMENT ORD ==> MSP  
STAGE LENGTH = 334 ST. MILFS  
CATGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	BUSY (0700-2259)				#FLIGHTS	#FLIGHTS	DULL (2300-0659)			NOMINAL TIME (DATE)
		Avg Air Time	Avg Air Delay	Avg Air Time	Avg Air Delay			Avg Air Time	Avg Air Delay		
NC	430 CV-580 640 DC-9-50	2 728	0:05 0:04	1:16 0:54	0:05 0:04						1:11 (7208) 0:51 (7208)
	TOTAL	730	0:04								
NW	L-188A-0H/18RC 710 B-727-100 715 R-727-200 733 DC-10-40 808 H-707-300H R09 R-707-300C 814 B-720-000H 816 R-747	46 934 1793 391 46 54H 63 510	-0:15 0:155 0:156 0:155 0:156 0:155 0:155 0:157	0:157 0:05 0:05 0:04 0:05 0:04 0:05 0:05	83 7 220 30 30 192 22 22			0:51 0:52 0:52 0:54 0:54 0:55 0:54 0:54	0:01 0:01 0:02 0:03 0:03 0:04 0:04 0:04	0:51 0:51 0:51 0:51 0:51 0:51 0:51 0:51	0:51 (7208) 0:51 (7208) 0:51 (7208) 0:51 (7208) 0:51 (7208) 0:51 (7208) 0:51 (7208) 0:51 (7208)
	TOTAL	4331	0:156	0:05		554	0:155				
UA	620 H-737-200 710 H-727-100 711 R-727-100C/QC 715 R-727-200 842 DC-R-20 844 DC-8-30 848 DC-8-50 851 DC-8-61	686 635 145 435 1 3 1 2	0:157 0:154 0:155 0:154 0:154 0:155 0:155 0:158	0:06 0:04 0:04 0:04 0:03 0:04 0:04 0:06	88 259 65			0:51 0:53 0:52	0:01 0:03 0:02	0:51 (7208) 0:51 (7208) 0:51 (7208)	
	TOTAL	1908	0:155	0:05		412	0:153				
ROUTE SUMMARY		6969	0:155	0:05		966	0:153		0:02		

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-2-37

AIRLINE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT (RD ==> PIT  
STAGE LENGTH = 413 ST. MILES)

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AL	430 CV-580	2	1:22	-0:09				1:31 (7211)
	605 B-1-11-200	2	1:00	0:06				0:54 (7202)
	640 DC-9-30	2620	0:58	0:04				0:54 (7202)
	TOTAL	2624	0:58	0:04				0:54 (7202)
TY	H-727-100	34	0:57	0:03				0:54 (7202)
	711 R-727-100C/QC	7	0:57	0:03				0:54 (7202)
	715 H-727-200	80	0:58	0:04				0:54 (7202)
	802 B-707-100H	536	1:00	0:06				0:54 (7202)
	806 H-707-300	1	0:54	0:00				0:54 (7202)
	808 H-707-300H	6	1:00	0:06				0:54 (7202)
	825 CV-880	1289	0:56	0:03				0:54 (7202)
	TOTAL	1753	0:57	0:03				0:54 (7202)
UA	R-737-200	3	1:02	0:03				0:54 (7202)
	710 H-727-100	621	0:57	0:03				0:54 (7202)
	711 H-727-100C/QC	105	0:57	0:03				0:54 (7202)
	715 H-727-200	229	0:58	0:04				0:54 (7202)
	730 NC-10-10	333	0:59	0:05				0:54 (7202)
	816 H-747	54	0:57	0:04				0:54 (7202)
	842 DC-8-20	44	0:59	0:05				0:54 (7202)
	844 DC-8-30	16	1:00	0:06				0:54 (7202)
	846 DC-8-50	5	1:04	0:10				0:54 (7202)
	851 DC-8-61	87	0:57	0:04				0:54 (7202)
	TOTAL	1497	0:58	0:04				0:54 (7202)
	ROUTE SUMMARY	5874	0:58	0:04				0:54 (7202)
					238	0:56	0:02	

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

TABLE I-2-38

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT ORD ==> SFO  
STAGE LENGTH = 1846 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 H-727-100	2	4:13	0:20				3:53 (7208)
	730 DC-10-10	107	3:43	-0:11				3:53 (7208)
	802 R-707-100R	845	3:57*	0:04				3:53 (7208)
	808 R-707-300R	42	3:55	0:02				3:53 (7208)
	809 R-707-300C	87	3:56	0:03	148	3:54	0:01	3:53 (7208)
	816 R-747	355	3:47	-0:06				3:53 (7208)
	TOTAL	1436	3:53	0:00	148	3:54	0:01	
TW	710 H-727-100	1	3:37	-0:16				3:53 (7208)
	715 H-727-200	1	4:01	0:08				3:53 (7208)
	760 L-1011	265	3:42	-0:12				3:53 (7208)
	802 R-707-100R	862	3:54	0:01				3:53 (7208)
	806 R-707-300	13	3:47	-0:07				3:53 (7208)
	808 R-707-300R	15	3:50	-0:03				3:53 (7208)
	809 R-707-300C	5	3:46	-0:07	162	3:52	-0:02	3:53 (7208)
	816 R-747	124	3:48	-0:05				3:53 (7208)
	TOTAL	1286	3:51	-0:02	162	3:52	-0:02	
UA	711 H-727-100C/QC	1	3:52	-0:01				3:53 (7208)
	715 H-727-200	1	3:44	-0:09	239	3:53	-0:00	3:53 (7208)
	730 DC-10-10	257	3:48	-0:05				3:53 (7208)
	816 H-47	261	3:51	-0:02				3:53 (7208)
	842 DC-8-20	81	3:51	0:06				3:53 (7208)
	844 DC-8-30	23	3:58	0:05				3:53 (7208)
	848 DC-8-50	80	3:57	0:04				3:53 (7208)
	850 DC-8-50F	258	4:01	0:07	235	3:55	0:02	3:53 (7208)
	851 DC-8-61	847	3:59	0:06				3:53 (7208)
	854 DC-8-62	12	3:59	0:05				3:53 (7208)
	TOTAL	1821	3:56	0:03	474	3:54	0:01	

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

TABLE I-2-38 (Continued)

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD => SFO (CONTINUED)									
STAGE LENGTH = 1446 MI.									
AIRLINE AIRCRAFT									
AIRLINE	AIRCRAFT	#FLIGHTS	BUSY (0700-2259)	AVG AIR TIME	Avg Air Delay	#FLIGHTS	DULL (2300-0659)	AVG AIR TIME	NOMINAL TIME (DATE)
ROUTE SUMMARY		4545	3:54	0:01		784	3:54	0:00	

TABLE I-2-39

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

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRCRAFT

AIRLINE	AIRCRAFT	BUSY (0700-0259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	606	0:45	0:06	161	0:42	0:03	0:38 (7205)
	715 B-727-200	385	0:46	0:08				
	802 B-707-100B	425	0:45	0:07				
	808 B-707-300B	49	0:46	0:07				
	809 B-707-300C	120	0:45	0:06				
	TOTAL	1585	0:45	0:07				
DL	630 DC-9-10	167	0:38	-0:01	161	0:42	0:03	0:38 (7205)
	640 DC-9-30	2124	0:40	0:01				
	825 CV-8R0	355	0:39	0:00				
	TOTAL	3046	0:39	0:01				
UA	630 DC-9-10	709	0:45	0:07	161	0:42	0:03	0:38 (7205)
	640 DC-9-30	767	0:46	0:07				
	TOTAL	1476	0:45	0:07				
ROUTE SUMMARY		6107	0:42	0:04	552	0:35	-0:03	

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

TABLE I-2-40

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PHL ==> BOS	STAGE LENGTH = 280 ST. MILES	AIRCRAFT	=====BUSY (0700-2259)=====				=====DULL (2300-0659)=====				NOMINAL TIME (DATE)
			#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			
AA	710 R-727-100 715 R-727-200		4	1:07	-0:51	2	0:43	0:07	0:36 (7210)		
		TOTAL	169	0:50	0:14	1	0:45	0:09	0:36 (7210)		
			3992	0:50	0:14	335	0:45	0:09	0:36 (7210)		
AL	430 CV-580 605 B-1-11-200 640 DC-9-30		4165	0:50	0:14	335	0:45	0:09	0:36 (7210)		
		TOTAL									
DL	640 DC-9-30 710 R-727-100 715 R-727-200 825 CV-880		1586	0:50	0:14				0:36 (7210)		
		TOTAL	1	0:54	0:18				0:36 (7210)		
			3	0:45	0:09				0:36 (7210)		
			305	0:46	0:10				0:36 (7210)		
			1895	0:49	0:13						
EA	710 R-727-100 715 R-727-200		1	0:43	0:07	75	0:46	0:10	0:36 (7210)		
		TOTAL	13	0:48	0:12	84	0:45	0:09	0:36 (7210)		
			14	0:48	0:12	159	0:45	0:09			
NA	710 R-727-100 715 H-727-200 842 DC-8-20		2	0:49	0:13				0:36 (7210)		
		TOTAL	26	0:45	0:09				0:36 (7210)		
			1	0:45	0:07				0:36 (7210)		
			29	0:45	0:09						

====ALL TIMES ARE IN HOURS AND MINUTES====

TABLE I-2-40 (Continued)

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT PHL ==> HNS (CONTINUED)  
STAGE LENGTH = 280 ST. MILFS

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATF)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
PA	808 B=707-300R	HQ	0:50	0:14	150	0:14	0:15	0:36 (7210)
	809 B=707-300C	61	0:51	0:15				
	TOTAL		0:51	0:15				
ROUTE SUMMARY		6255	0:50	0:14	497	0:45	0:09	

TABLE I-2-41

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE, AND EQUIPMENT TYPE

SEGMENT	PHL => PIT	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
	STAGE LENGTH		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AL			6	1:07	0:02				1:05 (7208)
	430 CV-580		167	0:49	0:06				0:43 (7205)
	605 R-1-11-200		4069	0:06	0:03				0:43 (7205)
	640 DC-9-30								
TOTAL			4242	0:46	0:03				
TM			1487	0:45	0:02				0:43 (7205)
	630 DC-9-10		4	0:44	0:01				0:43 (7205)
	710 R-707-100		150	0:47	0:03				0:43 (7205)
	802 H-707-100R		45	0:44	0:01				0:43 (7205)
	806 H-707-300		239	0:46	0:03				0:43 (7205)
	808 R-707-300B		26	0:46	0:03				0:43 (7205)
	809 R-707-300C		84	0:49	0:06				0:43 (7205)
	825 CV-880								
TOTAL			2035	0:46	0:02				
ROUTE SUMMARY			6277	0:46	0:03				
						278	0:43	-0:01	

TABLE I-2-42

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT PIT ==> URD STAGE LENGTH = 413 ST. MILFS		AIRBORNE DELAYS DURING 1973					NOMINAL TIME (DATE)		
AIRLINE	AIRCRAFT	0700-2259			2300-0659				
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	NOMINAL TIME	(DATE)
AL	CV-580 B-1-11-200 DC-9-30	5 2 2645	1:42 1:14 1:11	0:02 0:10 0:07	254	1:04	0:00	1:04 1:04 1:04	(7208) (7208) (7208)
	TOTAL	2652	1:11	0:07	254	1:04	0:00		
TM	H-727-100 B-727-100C/QC R-727-200	162 42 90	1:11 1:11 1:10	0:07 0:07 0:06				1:04 1:04 1:04	(7208) (7208) (7208)
	R-707-100B B-707-300	358	1:07	0:05				1:04	(7208)
	R-707-300H	1	1:22	0:18				1:04	(7208)
	R-707-300H	2	1:05	-0:01				1:04	(7208)
	CV-880	1194	1:11	0:07				1:04	(7208)
	TOTAL	1849	1:10	0:06					
UA	H-737-200 H-727-100 B-727-100C/QC R-727-200	359 353 90 238	1:17 1:09 0:10 1:14	0:13 0:05 0:10 0:10	247	1:05	-0:01	1:04 1:04 1:04 1:04	(7208) (7208) (7208) (7208)
	DC-10-10	379	1:08	0:04				1:04	(7208)
	DC-10-20	103	1:12	0:08				1:04	(7208)
	B-747	38	1:23	0:19				1:04	(7208)
	DC-8-20	16	1:30	0:26				1:04	(7208)
	DC-8-30	5	1:51	0:48				1:04	(7208)
	DC-8-50	8	1:18	0:14				1:04	(7208)
	DC-8-61								
	TOTAL	1587	1:12	0:09	247	1:03	-0:01		
	ROUTE SUMMARY	6088	1:11	0:07	501	1:04	-0:00		

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

TABLE I - 2-43

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PIT ==> PHL STAGE LENGTH = 268 ST. MILES		BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)	
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	TIME	Avg AIR TIME	Avg AIR DELAY	
AL	430 CV=580 605 R=1-1-200 640 DC=9-30	8 162 4121	0:58 0:47 0:45	-0:02 0:14 0:13	1 150 4291	0:45 0:13	0:43 0:74	0:10 0:10	0:10 0:10	0:10 0:10	
	TOTAL										
TYW	630 DC=9-10 710 R=727-100 711 B=727-100C/UC 715 H=727-200 802 H=707-100R 806 H=707-500 808 R=707-500R 809 R=707-300C 825 CV=RR0	1514 54 21 1 150 177 119 16 1 2053	0:44 0:43 0:43 0:43 0:43 0:45 0:47 0:44 0:43 0:44	0:11 0:11 0:10 0:08 0:10 0:12 0:14 0:12 0:10							
	TOTAL										
ROUTE SUMMARY		6344	0:45	0:12	674	0:43	0:10				

\*\*\*ALL TIMES ARE IN HOURS AND MINUTES\*\*\*

TABLE I-2-44

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

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRBORNE DELAYS DURING 1973

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
PA	R=707-300R	4	1:28	0:06	169	1:35	0:11	1:23 (7203)
	R=707-300C	1	1:28	0:05				1:23 (7203)
	816 R=747	164	1:34	0:11				1:23 (7203)
	TOTAL	169	1:35	0:11				
UA	R=737-200	20	1:34	0:14	2504	1:35	0:13	1:23 (7203)
	710 R=727-100	822	1:34	0:12				1:23 (7203)
	711 R=727-100C/QC	479	1:35	0:12				1:23 (7203)
	715 R=727-200	301	1:35	0:15				1:23 (7203)
	842 DC-8-20	425	1:36	0:14				1:23 (7203)
	844 DC-8-30	193	1:37	0:14				1:23 (7203)
	846 DC-8-50	84	1:34	0:12				1:23 (7203)
	850 DC-8-50F	36	1:55	0:13				1:23 (7203)
	851 DC-8-61	113	1:36	0:14				1:23 (7203)
	854 DC-8-62	31	1:36	0:13				1:23 (7203)
	TOTAL	2504	1:35	0:13				
WA	B=737-200	1088	1:37	0:15	4919	1:35	0:13	1:23 (7203)
	R=727-200		1:31	0:08				1:23 (7203)
	809 H=707-300C		1:48					1:23 (7203)
	814 R=720-000R		1:010	1:33				1:23 (7203)
	TOTAL		2246	1:35				1:23 (7203)
ROUTE SUMMARY					362	1:27	0:04	

\*\*\*ALL TIMES ARE IN HOURS AND MINUTES\*\*\*

TABLE I-2-45

## CATALOGIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

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

AIRLINE	AIRCRAFT	RASTY (0700-2259)			DUL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	809 B-707-300C	66	0:52	0:05				0:46 (7212)
	TOTAL	66	0:52	0:05				
BN	84R DC-8-50 854 DC-8-62	2 153	0:57 0:55	0:11 0:08				0:46 (7212) 0:46 (7212)
	TOTAL	155	0:55	0:08				
DL	555 L-100-20 84R DC-8-50	228	0:48	0:02	166	1:09	-0:04	1:13 (7201) 0:46 (7212)
	TOTAL	228	0:48	0:02	166	1:09	-0:04	
NW	808 B-707-300R 816 B-747	1 313	0:53 0:55	0:07 0:08				0:46 (7212) 0:46 (7212)
	TOTAL	314	0:55	0:08				
PA	808 B-707-300R 809 B-707-300C 816 B-747	132 168 720	0:53 0:54 0:53	0:07 0:07 0:07	4 83	0:49 0:54	0:03 0:08	0:46 (7212) 0:46 (7212)
	TOTAL	1020	0:53	0:07	87	0:54	0:07	
RW	630 DC-9-10 640 DC-9-30	275 430	0:51 0:53	0:05 0:07	46	0:47	0:01	0:46 (7212) 0:46 (7212)
	TOTAL	705	0:52	0:06	46	0:47	0:01	

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

TABLE I-2-45 (Continued)

AIRBORNE DELAYS DURING 1973  
CATGORIZED BY ROUTE STAGE, AIRLINE AND EQUIPMENT TYPE  
SEGMENT SF1 ==> LAX (CONTINUED)  
STAGE LENGTH = 338 MI. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay			
<b>TW</b>										
	H-727-100	132	0:52	0:06						0:46 (7/212)
	B-727-100C/QC	34	0:52	0:05						0:46 (7/212)
	B-727-200	151	0:52	0:05						0:46 (7/212)
	L-1011	12	0:49	0:03						0:46 (7/212)
	B-707-100R	989	0:51	0:05						0:46 (7/212)
	B-707-300	201	0:51	0:05						0:46 (7/212)
	B-707-300RH	697	0:51	0:05						0:46 (7/212)
	R-707-300C	288	0:51	0:05						0:46 (7/212)
	R-707-300C	185	0:54	0:07						0:46 (7/212)
	B-747									
	TOTAL	2689	0:51	0:05						0:06
<b>UA</b>										
	R-737-200	1362	0:52	0:06						0:46 (7/212)
	R-737-200	2005	0:50	0:04						0:02 (7/212)
	R-727-100	1024	0:51	0:05						0:01 (7/212)
	R-727-100C/QC	162	0:50	0:04						0:01 (7/212)
	R-727-200	13	0:53	0:06						0:01 (7/212)
	DC-10-10	13	0:53	0:06						0:01 (7/212)
	DC-10-10	26	0:54	0:08						0:01 (7/212)
	B-707	238	0:51	0:05						0:03 (7/212)
	DC-B-20	62	0:52	0:06						0:03 (7/212)
	DC-B-30	62	0:52	0:06						0:03 (7/212)
	DC-B-50	119	0:50	0:04						0:03 (7/212)
	DC-B-50F	96	0:51	0:05						0:03 (7/212)
	DC-B-61	275	0:50	0:04						0:04 (7/212)
	DC-B-61	112	0:51	0:04						0:04 (7/212)
	DC-B-62									
	TOTAL	5512	0:51	0:05						0:02
<b>WA</b>										
	R-737-200	1746	0:52	0:05						0:46 (7/212)
	H-727-200	406	0:51	0:05						0:46 (7/212)
	R-707-300C	967	0:50	0:04						0:46 (7/212)
	H-720-000H	3119	0:51	0:05						0:01 (7/212)
	TOTAL									
	ROUTE SUMMARY	13608	0:51	0:05						0:51

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

TABLE I - 2-46

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT SFN ==> NRD  
STAGE LENGTH = 1846 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay	
AA	710 B-727-100	2	3:37	0:12	1	3:33	0:08	3:25 (7204)
	715 B-727-200	3	3:30	0:05				3:25 (7204)
	730 DC-10-10	249	3:32	0:07				3:25 (7204)
	802 B-707-100R	659	3:38	0:13	214	3:32	0:07	3:25 (7204)
	808 B-707-300R	37	3:32	0:07	7	3:25	0:01	3:25 (7204)
	809 B-707-300C	348	3:33	0:08	23	3:35	0:10	3:25 (7204)
	816 A-747	155	3:28	0:03				3:25 (7204)
	TOTAL	1453	3:34	0:10	245	3:32	0:07	
TW	710 B-727-100	1	3:45	0:20	1	3:23	-0:07	3:25 (7204)
	715 B-727-200	166	3:36	0:05	98	3:25	0:10	3:25 (7204)
	760 L-1011	669	3:36	0:11	204	3:30	-0:06	3:25 (7204)
	802 B-707-100R	4	3:52	0:28			0:16	3:25 (7204)
	806 B-707-300	3	3:40	0:15	1	3:38	0:13	3:25 (7204)
	808 B-707-300R	122	3:37	0:13				3:25 (7204)
	816 A-747				5	3:28	0:04	3:25 (7204)
	825 CV-R80				310	3:27	0:02	
	TOTAL	965	3:35	0:11				
UA	710 B-727-100	2	3:39	0:14	7	3:31	0:06	3:25 (7204)
	715 R-727-200	158	3:33	0:08	105	3:27	0:02	3:25 (7204)
	730 DC-10-10	257	3:37	0:12	2	3:25	0:05	3:25 (7204)
	816 R-747	80	3:41	0:16	5	3:38	-0:04	3:25 (7204)
	842 DC-8-20				1	3:29	0:13	3:25 (7204)
	844 DC-8-10	18	3:39	0:15				3:25 (7204)
	848 DC-8-50	62	3:40	0:16	8	3:29	0:04	3:25 (7204)
	850 DC-8-10F	283	3:37	0:12	68	3:27	0:02	3:25 (7204)
	851 DC-8-61	526	3:42	0:17	236	3:31	0:04	3:25 (7204)
	854 DC-8-62	99	3:56	0:11	7	3:29	0:04	3:25 (7204)
	TOTAL	1485	3:58	0:14	440	3:29	0:05	
	ROUTE SUMMARY	3903	3:56	0:12	995	3:29	0:05	

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

TABLE I-2-47

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO ==> SEA STAGE LENGTH = 678 ST. MILES		#FLIGHTS (0700-2259)						#FLIGHTS (2300-0659)						#FLIGHTS (2300-0659)					
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	DELAY		
PA	808 R-707-300H	6	1:31	0:08													1:24 (7206)		
	809 R-707-300C	1	1:46	0:22													1:24 (7206)		
	816 R-747	167	1:28	0:05													1:24 (7206)		
	TOTAL	174	1:29	0:05															
UA	620 B-737-200	19	1:35	0:11													1:24 (7206)		
	710 B-727-200	1190	1:28	0:05													1:24 (7206)		
	711 B-727-100C/QC	549	1:29	0:06													1:24 (7206)		
	715 R-727-200	89	1:28	0:05													1:24 (7206)		
	842 DC-8-20	507	1:31	0:07													1:24 (7206)		
	844 DC-8-30	84	1:32	0:08													1:24 (7206)		
	848 DC-8-50	104	1:29	0:06													1:24 (7206)		
	851 DC-8-61	193	1:29	0:06													1:24 (7206)		
	854 DC-8-62	99	1:30	0:06													1:24 (7206)		
	TOTAL	2634	1:29	0:05															
	WA	1100	1:32	0:08													1:24 (7206)		
	715 R-727-200	192	1:27	0:04													1:24 (7206)		
	R14 B-720-000R	1006	1:27	0:04													1:24 (7206)		
ROUTE SUMMARY		2298	1:29	0:06													0:03		
TOTAL		5106	1:29	0:06													0:03		

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

TABLE I-2-48

AIRBORNE DELAYS DURING 1973  
CATEGORIZED BY ROUTE, SFGMN, AIRLINE AND EQUIPMENT TYPE

SEGMENT STL ==> 11RD STAGE LENGTH = 258 ST. MILES	AIRCRAFT	BUSY (0700-2259)			(2300-0659)			NUMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 R-727-100	535	0:150	0:112				0:38 (7211)
	715 B-727-200	231	0:49	0:10				0:38 (7211)
	802 H-707-100R	414	0:48	0:09				0:38 (7211)
	808 H-707-100R	55	0:49	0:10				0:38 (7211)
	809 B-707-300C	115	0:52	0:13				0:38 (7211)
	TOTAL	1350	0:49	0:11				
DL	630 DC-9-10	364	0:49	0:11	1	0:40	0:02	0:38 (7211)
	640 DC-9-30	2668	0:51	0:12	206	0:40	0:01	0:38 (7211)
	825 CV-880	350	0:46	0:08	1	0:39	0:01	0:38 (7211)
	TOTAL	3382	0:50	0:12	208	0:40	0:01	
UA	630 DC-9-10	729	0:50	0:12	9	0:42	0:03	0:38 (7211)
	640 DC-9-30	804	0:52	0:13	26	0:41	0:03	0:38 (7211)
	TOTAL	1537	0:51	0:13	35	0:41	0:03	
ROUTE SUMMARY		6269	0:50	0:12	243	0:40	0:02	

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

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)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
DL	640 DC-9-30	2	1:54	0:19	3	1:40	0:05	1:35 (7404)		
	710 H-727-100				1	1:41	0:06	1:35 (7404)		
	715 H-727-200				302	1:56	0:01	1:35 (7404)		
	760 L-1011	342	1:45	0:11				1:35 (7404)		
	816 B-747	561	1:59	0:04				1:35 (7404)		
	846 DC-8-50	784	1:43	0:08	1	1:39	0:04	1:35 (7404)		
	851 DC-8-61	145	1:46	0:11				1:35 (7404)		
	TOTAL	1834	1:42	0:08	307	1:36	0:01			
EA	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	154	1:38	0:03	87	1:16	0:11	1:35 (7404)		
	711 H-727-100C/nc	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

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
 SEGMENT ATL ==> MIA  
 STAGE LENGTH = 595 MI. MILFS

AIRLINE	AIRCRAFT	HUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
DL	640 DC-9-30 710 R-727-100 715 B-727-200 730 DC-10-10 760 L-1011 816 B-747 844 DC-8-50 851 DC-8-61	4 10 323 315 239 97 464 205 TOTAL	1:24 1:19 1:17 1:20 1:22 1:18 1:20 1:20 1:20	0:09 0:05 0:02 0:07 0:07 0:03 0:05 0:05 0:05	85 1 1:13 1:18 1:16 1:16 208 1:16	1:15 0:02 0:03 0:03 0:01 0:02 0:02 0:01	1:15 1:15 1:15 1:15 1:15 1:15 1:15 1:15 1:15	(7209)
EA	630 DC-9-10 640 DC-9-50 710 R-727-100 711 B-727-100C/QC 715 R-727-200 760 L-1011	1 636 366 37 39 79 TOTAL	1:25 1:24 1:21 1:20 1:20 1:17 1:22	0:10 0:09 0:06 0:06 0:05 0:02 0:07	8 1:12 42 18 3 3 1:83	1:20 1:19 1:14 1:15 1:15 1:15 1:18	0:06 0:04 -0:01 0:01 0:00 0:00 0:03	(7209)
NW	710 R-727-100 715 R-727-200 733 DC-10-40 808 B-717-300H 809 B-707-300C	396 1 45 1 1	1:22 1:22 1:24 1:25 1:28	0:07 0:07 0:09 0:10 0:13	1 1:12 42 18 3	1:20 1:19 1:14 1:15 1:15	0:06 0:04 -0:01 0:01 0:00	(7209)
UA	620 B-737-200 710 R-727-100 711 B-727-100C/QC 715 R-727-200	1 465 7 6	1:30 1:20 1:22 1:22	0:15 0:06 0:07 0:07	1 1:15 1:15 1:15	1:15 1:15 1:15 1:15	(7209)	

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

TABLE I-3-2 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE							
SEGMENT ATL => MIA (CONTINUED) STAGE LENGTH = 595 ST. MILES		#FLIGHTS				#FLIGHTS	
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY
UA (CONT)	TOTAL	479	1:21	0:06			
ROUTE SUMMARY		3746	1:21	0:06	495	1:16	0:01

TABLE I-3-3

AIRBORNE DELAYS DURING 1970  
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
 SEGMENT ATI ==> (RD)  
 STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	HUSY (0700-2259)			DULL (2300-0659)			NUMINAL TIME (DATE)
		#FLIGHTS	Avg ATR TIME	Avg AIR TIME	#FLIGHTS	Avg ATR TIME	Avg AIR TIME	
DL	640 DC-9-30	418	1:31	0:16	2	1:27	0:13	1:15 (7204)
	715 R-727-200	427	1:40	0:25	1	1:24	0:09	1:15 (7204)
	730 DC-10-10	221	1:35	0:18				1:15 (7204)
	760 L-1011	146	1:49	0:34	86	1:30	0:15	1:15 (7204)
	816 R-747	119	1:51	0:16				1:15 (7204)
	844 DC-8-30	8	1:34	0:20				1:15 (7204)
	848 DC-8-50	18	1:35	0:21	1	1:24	0:09	1:15 (7204)
	851 DC-H-61	8	1:36	0:21	58	1:29	0:14	1:15 (7204)
	TOTAL	1365	1:36	0:21	148	1:29	0:15	
EA	630 DC-9-10	536	1:30	0:16				1:15 (7204)
	640 DC-9-30	339	1:55	0:20	6	1:28	0:14	1:15 (7204)
	710 R-727-100	301	1:34	0:19	1	1:20	0:05	1:15 (7204)
	711 R-727-100C/QC	124	1:32	0:17				1:15 (7204)
	715 R-727-200	140	1:36	0:21	4	1:25	0:10	1:15 (7204)
	760 L-1011				315	1:23	0:08	1:15 (7204)
	TOTAL	1440	1:53	0:18	326	1:23	0:08	
NW	710 R-727-100	474	1:41	0:27				1:15 (7204)
	715 R-727-200	6	1:51	0:37				1:15 (7204)
	733 DC-10-40	91	1:39	0:24				1:15 (7204)
	809 R-707-300C	1	1:29	0:14				1:15 (7204)
	TOTAL	572	1:41	0:26				
ROUTE SUMMARY		3577	1:36	0:21	474	1:25	0:10	

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

TABLE I - 3 - 4

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

SEGMENT	HIS ==> NCA STAFF LENGTH = 399 ST. MILFS	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			INITIAL TIME (DATE)
			#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
AA	710 H-727-100 715 H-727-200 802 H-707-100H	1194 895 2	1194 1:04 1:24	0:04 0:05 0:25		0:04 0:05 0:25			0:59 (7210) 0:59 (7210) 0:59 (7210)
	TOTAL	2091	1:04	0:04					
AL	430 CV-580 605 B-1-11-200	4 263	1:53 1:08	0:22 0:08					1:30 (7204) 0:59 (7210)
	TOTAL	267	1:08	0:09					
DL	640 DC-9-30 710 H-727-100 715 H-727-200	240 55 2198	1:05 1:01 1:02	0:03 0:01 0:02					0:59 (7210) 0:59 (7210) 0:59 (7210)
	TOTAL	2493	1:02	0:02					
EA	550 L-10RA-08/188C 630 DC-8-10 640 DC-8-30 710 H-727-100 711 H-727-100C/DC 715 H-727-200	17 3 1127 792 122 178	1:32 1:08 1:07 1:05 1:06 1:05	0:02 0:09 0:07 0:05 0:06 0:06					1:30 (7204) 0:59 (7210) 0:59 (7210) 0:59 (7210) 0:59 (7210) 0:59 (7210)
	TOTAL	1759	1:06	0:07					
	ROUTE SUMMARY	6596	1:04	0:04					

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

TABLE I-3-5

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT HDS ==> FWR  
STAFF LENGTH = 201 ST. MILES

AIRCRAFT	AIRCRAFT	-----RUSY (0700-2259)-----			-----DUL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
DL								
640	DC-9-30	43	0:46	0:06	326	0:43	0:04	0:40 (7210)
710	B-727-100	1	0:50	0:10				0:40 (7210)
715	B-727-200	171	0:45	0:05				0:40 (7210)
760	L-1011							0:40 (7210)
851	DC-9-61	148	0:48	0:08	55	0:47	0:07	0:40 (7210)
TOTAL		363	0:46	0:06	86	0:45	0:04	0:40 (7210)
					469	0:44		
FA								
550	L-180A-08/18RC	27	0:56	0:17				0:40 (7212)
630	DC-9-10	194	0:48	0:08				0:40 (7210)
640	DC-9-30	885	0:47	0:08				0:40 (7210)
710	H-727-100	732	0:44	0:05				0:40 (7210)
711	B-727-100C/0C	148	0:45	0:06				0:40 (7210)
715	B-727-200	356	0:44	0:05				0:40 (7210)
760	L-1011	406	0:46	0:06				0:40 (7210)
TOTAL		2248	0:46	0:07				
ROUTE SUMMARY		2611	0:46	0:07	469	0:44	0:04	

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-3-6

SEGMENT BOS ==> JFK  
STAGE LENGTH = 187 ST. MILES

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRBORNE DELAYS DURING 1974

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	7	0:45	0:15				0:29 (7205)
	715 B-727-200	12	0:38	0:10				0:29 (7205)
	730 DC-10-10	190	0:40	0:11				0:29 (7205)
	802 B-707-100R	587	0:39	0:11				0:29 (7205)
	808 R-707-300R	38	0:39	0:10				0:29 (7205)
	809 H-707-300C	66	0:42	0:13				0:29 (7205)
	816 H-747	1	1:56	1:27				0:29 (7205)
	TOTAL	901	0:40	0:11				
DL	640 DC-9-30	266	0:47	0:18				0:29 (7205)
	715 H-727-200	488	0:37	0:08	1	0:53	0:04	0:29 (7205)
	760 L-1011				1	0:46	0:17	0:29 (7205)
	848 DC-8-50				1	0:33	0:04	0:29 (7205)
	851 DC-8-61				57	0:43	0:14	0:29 (7205)
	TOTAL	754	0:40	0:12	60	0:42	0:14	
FA	640 DC-9-30				5	0:42	0:13	0:29 (7205)
	710 B-727-100	43	0:37	0:09	3	0:55	0:07	0:29 (7205)
	711 H-727-100C/OC	171	0:37	0:09	1	0:41	0:12	0:29 (7205)
	715 R-727-200	4	0:38	0:09	125	0:26	0:10	0:29 (7205)
	TOTAL	218	0:37	0:09	134	0:39	0:10	
NA	710 H-727-100	60	0:50	0:21				0:29 (7205)
	715 H-727-200	199	0:44	0:15				0:29 (7205)
	842 DC-8-20	59	0:45	0:16				0:29 (7205)
	850 DC-8-50F	24	0:40	0:11				0:29 (7205)
	851 DC-8-61	21	0:46	0:17				0:29 (7205)
	TOTAL	363	0:45	0:16				

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

TABLE I-3-6 (Continued)

SEGMENT, ROUTE ==> JFK (CONTINUED)		CATAGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						#FLIGHTS		
AIRLINE	AIRCRAFT	#FLIGHTS			#FLIGHTS			#FLIGHTS		
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY
PA	H-707-300C	4	0:43	0:15						
	TOTAL	4	0:43	0:15						
TW		710	H-727-100	1	0:33	0:04				
		802	H-707-300R	87	0:39	0:10				
		806	H-707-300	20	0:52	0:23				
		808	H-707-300R	31	0:40	0:11				
		809	H-707-300C	2	0:39	0:11				
		TOTAL		141	0:41	0:12				
UA		850	DC-9-50F	156	0:44	0:16				
		TOTAL		156	0:44	0:16				
ROUTE SUMMARY		2537		0:41	0:12			356	0:40	0:11

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

TABLE I-3-7

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT RDG ==> LGA  
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-0259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
AA	710 R-727-100	1191	0:40	0:10				0:30 (7211)
	715 R-727-200	970	0:40	0:10				0:30 (7211)
	TOTAL	2161	0:40	0:10				
DL	640 DC-9-30	380	0:36	0:06				0:30 (7211)
	715 R-727-200	532	0:35	0:05				0:30 (7211)
	TOTAL	712	0:34	0:04				
EA	550 L-188A-08/1RBC	2760	0:49	0:11				0:38 (7209)
	640 DC-9-30	5631	0:40	0:10				0:30 (7211)
	710 R-727-100	85	0:44	0:14				0:30 (7211)
	711 B-727-100C/QC	27	0:42	0:12				0:30 (7211)
	715 R-727-200	161	0:45	0:13				0:30 (7211)
	TOTAL	8664	0:43	0:10				
	ROUTE SUMMARY	11537	0:42	0:10				

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

TABLE I-3-8

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT RNS ==> PHL  
STAGE LENGTH = 280 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-02259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
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 H-707-100B	130	0:55	0:13						0:42 (7210)
	808 H-707-100B	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						
AL	430 CV-580	23	1:15	-0:09						1:24 (7204)
	605 H-1-11-200	1828	1:00	0:17						0:42 (7210)
	640 DC-9-30	2241	0:57	0:14						0:42 (7210)
	TOTAL	4092	0:58	0:15						
DL	640 DC-9-30	902	0:57	0:15						0:42 (7210)
	715 H-727-200	1037	0:54	0:12						0:42 (7210)
	TOTAL	1939	0:56	0:15						
EA	710 H-727-100	104	0:57	0:15						0:42 (7210)
	711 H-727-100C/AC	61	0:57	0:14						0:42 (7210)
	715 H-727-200	14	0:55	0:13						0:42 (7210)
	TOTAL	179	0:57	0:14						
PA	808 H-707-300H	101	1:00	0:17						0:42 (7210)
	809 H-707-300C	41	0:58	0:16						0:42 (7210)
	TOTAL	142	0:59	0:17						0:42 (7210)
	ROUTE SUMMARY	6781	0:57	0:15						

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

TABLE I-3-9

AIRCRAFT DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT CLF ==> DTW  
STAGE LENGTH = 95 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AL	605 H-1-1-200	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				
FA	710 H-727-100	34	0:24	0:07				0:18 (7202)
	711 H-727-100C/RC	8	0:25	0:08				
	TOTAL	42	0:24	0:07				
NC	430 CV-580	1409	0:28	0:04				0:18 (7202)
	640 DC-9-10	542	0:24	0:06				
	TOTAL	1951	0:27	0:04				
NW								0:18 (7209)
	710 H-727-100	102	0:23	0:06	197	0:23	0:06	
	715 B-727-200	87	0:24	0:06	54	0:23	0:06	
UA	TOTAL	189	0:23	0:06	231	0:23	0:06	
ROUTE SUMMARY								0:18 (7202)
		2545	0:25	0:04	393	0:23	0:05	

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

TABLE I-3-10

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

SEGMENT STAGE LENGTH = 399 ST. MILES	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 H-727-100	1206	0:58	0:05				0:53 (7204)
	715 B-727-200	793	0:58	0:06				0:53 (7204)
	TOTAL	1999	0:58	0:05				
AL	430 CV-580	2	1:21	0:11				1:10 (7212)
	605 B-1-1-200	290	1:03	0:11				0:53 (7204)
	640 DC-9-30	6	0:57	0:04				0:53 (7204)
	TOTAL	298	1:03	0:11				
DL	640 DC-8-50	7	0:54	0:01				0:53 (7204)
	715 B-727-200	2435	1:00	0:07				0:53 (7204)
	TOTAL	2442	1:00	0:07				
EA	550 L-10RA-08/188C	17	1:14	0:04				1:10 (7212)
	630 DC-9-10	195	0:59	0:06				0:53 (7204)
	640 DC-8-30	757	1:00	0:07				0:53 (7204)
	710 B-727-100	201	0:57	0:04				0:53 (7204)
	711 B-727-100C/0C	11	0:57	0:04				0:53 (7204)
	715 B-727-200	473	0:58	0:05				0:53 (7204)
	TOTAL	1654	0:59	0:06				
ROUTE SUMMARY		6393	0:59	0:06				

---ALL TIMES ARR IN HOURS AND MINUTES---

TABLE I-3-11

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

SEGMENT DCA ==> LGA  
STAGE LENGTH = 214 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	1353	0:42	0:14	1	0:14	0:14	0:29 (7211)
	715 H-727-200	490	0:45	0:16				0:29 (7211)
	H08 R-707-300R	1	0:42	0:13				0:29 (7211)
	TOTAL	1844	0:43	0:14				
FA	550 L-180A-0R/188C	2743	0:49	0:11	1	0:11	0:11	0:38 (7201)
	630 DC-9-10	1	0:39	0:10				0:29 (7211)
	640 DC-9-30	5592	0:42	0:14				0:29 (7211)
	710 H-727-100	242	0:42	0:13				0:29 (7211)
	711 B-727-100C/NC	60	0:41	0:12				0:29 (7211)
	715 H-727-200	143	0:46	0:17				0:29 (7211)
	TOTAL	8781	0:45	0:13				
	NA	710 B-727-100	3	0:37				0:29 (7211)
	715 R-727-200	139	0:41	0:13				0:29 (7211)
ROUTE SUMMARY	TOTAL	142	0:41	0:13				
		10767	0:44	0:13				

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-3-12

AIRCRAFT DELAYS DURING 1974  
CATALOGIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT DCA ==> NRD  
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)		
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay			
AA	710 R-727-100	2005	1:45	0:23	625	1:22	(7207)	1:22 (7207)		
	715 B-727-200	1039	1:43	0:21						
	TOTAL	3044	1:44	0:22						
TW	710 R-727-100	344	1:39	0:17	625	1:22	(7207)	1:22 (7207)		
	711 B-727-100 C/QC	105	1:39	0:17						
	715 B-727-200	974	1:45	0:23						
TOTAL		1423	1:45	0:21						
UA	620 B-737-200	215	1:44	0:22	625	1:22	(7207)	1:22 (7207)		
	710 R-727-100	422	1:47	0:25						
	711 B-727-100 C/QC	162	1:41	0:19						
TOTAL		987	1:45	0:23						
ROUTE SUMMARY		1784	1:45	0:23						
ROUTE SUMMARY		6251	1:44	0:22						

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

TABLE I-3-13

## AIRCRAFT DELAYS DURING 1974

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

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

ATRLINE	AIRCRAFT	BUSY (0700-22259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
CD	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-720-000B	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	5	2:09	0:27	1:41 (7212)
	711 B-727-100C/QC	43	1:54	0:13	346	1:58	0:16	1:41 (7212)
	715 B-727-200	400	2:01	0:19	41	1:55	0:14	1:41 (7212)
	802 B-707-100B	342	1:57	0:16	39	1:54	0:13	1:41 (7212)
	806 B-707-300	22	1:51	0:10	590	2:00	0:19	1:41 (7212)
	808 B-707-300A	52	1:57	0:16	27	2:00	0:19	1:41 (7212)
	809 B-707-300C	4	1:58	0:17	78	1:56	0:15	1:41 (7212)
	825 CV-880	167	1:50	0:09	11	2:01	0:20	1:41 (7212)
	TOTAL	1184	1:57	0:16	36	1:55	0:14	1:41 (7212)
					1381	1:58	0:17	1:41 (7212)
UA	620 B-737-200	5						1:41 (7212)
	710 B-727-100	346						1:41 (7212)
	711 B-727-100C/QC	41						1:41 (7212)
	715 B-727-200	39						1:41 (7212)
	730 DC-10-10	590						1:41 (7212)
	816 B-747	27						1:41 (7212)
	842 DC-8-20	78						1:41 (7212)
	844 DC-8-30	11						1:41 (7212)
	846 DC-8-50	2:01						1:41 (7212)
	851 DC-8-61	174						1:41 (7212)
ROUTE SUMMARY	854 DC-8-62	34						1:41 (7212)
	TOTAL	1381						1:41 (7212)
ROUTE SUMMARY		4000	1:57	0:15	93	1:44	0:02	

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

TABLE I-3-14

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

SEGMENT	DFW ==> ATL	STAGE LENGTH = 731 ST. MILES	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	TIME	DELAY	
DL	640 DC-9-30	241	1:39	0:12					1:27	(7402)	
	710 H-727-100	1	1:44	0:17					1:27	(7402)	
	715 R-727-200	375	1:37	0:10					1:27	(7402)	
	760 L-1011	604	1:36	0:09					1:27	(7402)	
	816 R-747	279	1:40	0:13					1:27	(7402)	
	848 DC-8-50	153	1:33	0:06					1:27	(7402)	
	851 DC-8-61	172	1:35	0:08					1:27	(7402)	
	TOTAL	1825	1:37	0:10					1:27	(7402)	
									1:34	0:03	
FA	630 DC-9-10	119	1:48	0:21					1:27	(7402)	
	640 DC-9-30	260	1:36	0:09					1:27	(7402)	
	710 R-727-100	415	1:38	0:11					1:27	(7402)	
	711 R-727-100C/QC	121	1:36	0:09					1:27	(7402)	
	715 R-727-200	5	1:33	0:06					1:27	(7402)	
	TOTAL	938	1:38	0:11					1:30	0:03	
									1:34	0:03	
	ROUTE SUMMARY	2763	1:37	0:10					1:30	0:03	

\*\*\*ALL TIMES ARE IN HOURS AND MINUTES\*\*\*

TABLE I-3-15

AIRLINE DELAYS DURING 1974  
CATALOGIZED BY ROUTE, SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT STAGE LENGTH = DTW => LGA	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 R=727-100 715 R=727-200	2269 913	1:11 1:11	0:07 0:07	2269 913	1:11 1:11	0:07 0:07	1:04 (7210) 1:04 (7210)
	TOTAL	5152	1:11	0:07				
	ROUTE SUMMARY	315?	1:11	0:07				

— ALL TIMES ARE IN HOURS AND MINUTES —

TABLE I-3-16

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT DTW ==> ORD  
STAGE LENGTH = 235 ST. MILFS

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air	Time	#FLIGHTS	Avg Air	Time	
AA	710 B-727-100	227	0:51	0:13				0:38 (7205)
	715 B-727-200	404	0:52	0:14				0:38 (7205)
	730 DC-10-1,0	729	0:47	0:09				0:38 (7205)
	802 H-707-100R	416	0:51	0:12				0:38 (7205)
	808 H-707-300R	68	0:48	0:09				0:38 (7205)
	809 H-707-300C	72	0:48	0:09				0:38 (7205)
	816 H-747	6	0:47	0:08				0:38 (7205)
	TOTAL	1922	0:50	0:11				
				62				
				0:40				
DL	640 DC-9-30	344	0:47	0:09				0:38 (7205)
	TOTAL	344	0:47	0:09				
FA	710 B-727-100	15	0:42	0:04				0:38 (7205)
	711 B-727-100C/AC	7	0:47	0:08				0:38 (7205)
	715 H-727-200	3	0:43	0:04				0:38 (7205)
	TOTAL	25	0:44	0:05				
NH	710 B-727-100	551	0:53	0:15				0:38 (7205)
	715 B-727-200	61	0:51	0:13				0:38 (7205)
	733 DC10-40	286	0:47	0:08				0:38 (7205)
	808 H-707-300B	2	0:41	0:03				0:38 (7205)
	809 H-707-300C	185	0:47	0:09				0:38 (7205)
	816 H-747	100	0:50	0:11				0:38 (7205)
	TOTAL	1185	0:50	0:12				
PA	809 H-707-300C	153	0:49	0:10				0:38 (7205)

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

TABLE I-3-16 (Continued)

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINES AND EQUIPMENT TYPE  
SEGMENT DTW ==> ORD (CONTINUED)  
STAGE LENGTH = 235 ST. MILES

PA (CONT)	TOTAL	AIRCRAFT	BUSY (0700-2259)			#FLIGHTS #DULL (2300-0659)			NOMINAL TIME (DATE)
			#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	Avg AIR TIME	Avg AIR DELAY	Avg AIR TIME	
UA	620	R-737-200	757	0:49	0:10	0:49	0:10	0:49	0:38 (7205)
	710	R-727-100	38	0:52	0:14	0:52	0:14	0:52	0:38 (7205)
	711	R-727-100C/QC	3	0:48	0:09	0:48	0:09	0:48	0:38 (7205)
	730	DC-10-10	164	1:02	0:23	1:02	0:23	1:02	0:38 (7205)
	842	DC-8-20	54	0:44	0:10	0:44	0:10	0:44	0:38 (7205)
	848	DC-8-50	14	0:47	0:08	0:47	0:08	0:47	0:38 (7205)
	851	DC-8-61	83	0:51	0:13	0:51	0:13	0:51	0:38 (7205)
	854	DC-8-62	3	0:49	0:10	0:49	0:10	0:49	0:38 (7205)
TOTAL			1116	0:51	0:12				
ROUTE SUMMARY			4745	0:50	0:11	363	0:43	0:05	

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

TABLE I-3-17

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT FWR ==> BNS  
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
DL	715 B-727-200	150	0:35	0:11				0:24 (7210)
	851 DC-8-61	150	0:38	0:14				0:24 (7210)
	TOTAL	300	0:37	0:13				
EA	550 L-188A-08/188C	23	0:43	0:07				0:36 (7201)
	630 DC-9-10	2	0:38	0:14				0:24 (7210)
	640 DC-9-30	810	0:38	0:14				0:24 (7210)
	710 R-727-100	218	0:36	0:12	5	0:31	0:07	0:24 (7210)
	711 R-727-100C/QC	64	0:35	0:11	82	0:33	0:09	0:24 (7210)
	715 R-727-200	260	0:38	0:13	27	0:34	0:09	0:24 (7210)
	760 L-1011	495	0:38	0:13	0:13	0:13	0:09	0:24 (7210)
	TOTAL	1872	0:38	0:13	114	0:33	0:09	
	ROUTE SUMMARY	2172	0:38	0:13	114	0:33	0:09	

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

TABLE I-3-18

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

SEGMENT FWR ==> ORD  
STAGE LENGTH = 719 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 B-727-100	22	1:50	0:19				1:32 (7203)
	802 B-707-100B	729	1:56	0:24				1:32 (7203)
	808 B-707-500B	214	2:01	0:30				1:32 (7203)
	809 B-707-100C	424	2:01	0:30				1:32 (7203)
	TOTAL	1389	1:59	0:27				
TW	710 B-727-100	4	1:54	0:22				1:32 (7203)
	711 R-727-100C/AC	2	1:50	0:19				1:32 (7203)
	715 B-727-200	171	2:05	0:33				1:32 (7203)
	802 B-707-100B	328	1:57	0:25				1:32 (7203)
	806 B-707-100	22	1:48	0:16				1:32 (7203)
	808 B-707-500B	28	1:52	0:20				1:32 (7203)
	809 B-707-500C	3	2:08	0:36				1:32 (7203)
	825 CV=BB80	75	2:06	0:34				1:32 (7203)
	TOTAL	633	2:00	0:28				
UA	620 R-737-200	2	2:10	0:39				1:32 (7203)
	710 R-727-100	78	1:59	0:26				1:32 (7203)
	711 H-727-100C/QC	3	2:13	0:41				1:32 (7203)
	715 R-727-200	139	2:14	0:42				1:32 (7203)
	730 DC-10-10	413	1:59	0:27				1:32 (7203)
	816 R-747	140	1:57	0:25				1:32 (7203)
	842 DC-8-20	109	2:08	0:37				1:32 (7203)
	844 DC-8-30	5	2:10	0:39				1:32 (7203)
	848 DC-8-50	30	1:58	0:26				1:32 (7203)
	850 DC-8-50F							1:32 (7203)
	851 DC-8-61	173	2:05	0:31				1:32 (7203)
	854 DC-8-62	4	2:01	0:29				1:32 (7203)
	TOTAL	1096	2:02	0:31	163	1:49	0:17	
	ROUTE SUMMARY	311A	2:00	0:28	163	1:49	0:17	

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

TABLE I-3-19

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

SEGMENT JFK ==> BOS  
STAGE LENGTH = 187 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	7	0:34	0:13				0:21 (7208)
	730 DC-10-10	38	0:35	0:14				0:21 (7208)
	802 B-707-100B	222	0:36	0:15	111	0:34	0:13	0:21 (7208)
	808 B-707-300B	66	0:35	0:14	17	0:33	0:13	0:21 (7208)
	809 B-707-300C	116	0:37	0:16	58	0:32	0:12	0:21 (7208)
	TOTAL	449	0:36	0:15	166	0:33	0:12	
DL	640 DC-9-30	65	0:35	0:14	228	0:31	0:10	0:21 (7208)
	710 B-727-100	3	0:33	0:12				0:21 (7208)
	715 B-727-200	483	0:30	0:09	324	0:30	0:10	0:21 (7208)
	760 L-1011				57	0:41	0:20	0:21 (7208)
	851 DC-8-61				1	0:43	0:22	0:21 (7208)
	TOTAL	551	0:31	0:10	610	0:32	0:11	
FA	640 DC-9-30	88	0:39	0:16				0:21 (7208)
	710 B-727-100	30	0:35	0:14	40	0:35	0:14	0:21 (7208)
	711 B-727-100C/QC	78	0:35	0:14	48	0:33	0:13	0:21 (7208)
	715 B-727-200	24	0:37	0:16				0:21 (7208)
	TOTAL	220	0:37	0:16	88	0:34	0:13	
NA	710 B-727-100	1	0:34	0:13				0:21 (7208)
	715 B-727-200	132	0:36	0:15				0:21 (7208)
	842 DC-8-20	1	0:46	0:25				0:21 (7208)
	TOTAL	134	0:36	0:15				
PA	809 B-707-300C				6	0:36	0:15	0:21 (7208)

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

TABLE I-3-19 (Continued)

SEGMENT: JFK ==> HDS (CONTINUED)			ATRAIRNF DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						
PA	(CONT)	TOTAL	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
			AIRLINF	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	
TW				H-727-100	1	0:29	0:08	0:21	(7208)
	R02	R-707-100B			96	0:35	0:14	0:21	(7208)
	806	R-707-300			19	0:38	0:17	0:21	(7208)
	808	R-707-300H			35	0:35	0:14	0:21	(7208)
	809	R-707-300C			156	0:36	0:15	0:21	(7208)
	R16	R-747			1	0:55	0:14	0:21	(7208)
		TOTAL			308	0:36	0:15		
		ROUTE SUMMARY			1662	0:34	0:13	870	0:32

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

TABLE I - 3-20

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

AIRLINE	AIRCRAFT	0700-2259			2300-0659			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
RN	848 DC-8-50 854 DC-8-52	16 281	2:32 2:29	0:18 0:15				2:14 (7209) 2:14 (7209)
	TOTAL	297	2:29	0:16				
DL	715 H-727-200 730 DC-10-10 760 L-1011 848 DC-8-50 851 DC-8-61	415 106 3 156 5	2:16 2:30 2:27 2:25 2:38	0:03 0:17 0:14 0:11 0:25				2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209)
	TOTAL	685	2:21	0:07				
E4	640 DC-9-30 710 H-727-100 711 B-727-100C/DC 715 H-727-200 760 L-1011	9 184 450 298 483	2:38 2:25 2:23 2:25 2:23	0:24 0:12 0:09 0:11 0:09				2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209)
	TOTAL	1424	2:24	0:10				
NA	710 H-727-100 715 H-727-200 730 DC-10-10 732 DC-10-50 816 R-747 842 DC-8-20 850 DC-8-50F 851 DC-8-61	7 8 87 51 97 55 18 18	2:21 2:25 2:22 2:23 2:25 2:27 2:33 2:27	0:07 0:11 0:08 0:09 0:12 0:13 0:19 0:14	1 192 1 1 1 1 1 1	2:09 2:18 2:33 2:32 0:19 0:18 2:14 2:14	-0:05 0:04 2:14 2:14 2:14 2:14 2:14 2:14	2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209) 2:14 (7209)
	TOTAL	341	2:25	0:11	195	2:18	0:04	

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

TABLE I-3-20 (Continued)

SEGMENT JFK ==> MIA (CONTINUED)		AIRBORNE DELAYS DURING 1974 CATF GURIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						
AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
PA	710 B-727-100 808 H-707-300R 809 H-707-300C	4 17 5	2:22 2:26 2:30	0:08 0:12 0:16				2:14 (7209)
	TOTAL	26	2:26	0:12				2:14 (7209)
	ROUTE SUMMARY	2773	2:24	0:10	203	2:19	0:05	

\*\*\*ALL TIMES ARE IN HOURS AND MINUTES\*\*\*

TABLE I-3-21

SEGMENT LAX ==> ORD  
STAGE LENGTH = 1744 ST. MILFS

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

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DFLAY	#FLIGHTS	Avg AIR TIME	Avg AIR DFLAY			
AA										
	710 B-727-100	111	3:29	0:15						3:14 (7205)
	715 B-727-200	121	3:36	0:22						3:14 (7205)
	730 DC-10-10	541	3:28	0:14	2	3:06	-0:08			3:14 (7205)
	802 B-707-100H	543	3:26	0:12	173	3:21	0:08			3:14 (7205)
	808 B-707-300H	66	3:25	0:11	68	3:18	0:04			3:14 (7205)
	809 B-707-300C	109	3:21	0:08	243	3:21	0:07			3:14 (7205)
	816 B-747	3	3:10	-0:03						3:14 (7205)
	TOTAL	1494	3:27	0:14	586	3:20	0:07			
CO										
	715 B-727-200	395	3:25	0:11	1	3:07	-0:07			3:14 (7205)
	730 DC-10-10	601	3:26	0:12	350	3:16	0:02			3:14 (7205)
	B14 R-720-000R	79	3:21	0:08						3:14 (7205)
	TOTAL	1075	3:25	0:11	351	3:16	0:02			
TW										
	711 H-727-100C/QC	2	3:20	0:07						3:14 (7205)
	715 B-727-200	4	3:27	0:14	1	3:19	0:05			3:14 (7205)
	760 L-1011	342	3:26	0:13	42	3:14	0:05			3:14 (7205)
	802 R-707-100H	772	3:31	0:18	164	3:23	0:10			3:14 (7205)
	806 H-707-300	12	3:43	0:29	8	3:18	0:06			3:14 (7205)
	803 B-707-500B	4	3:23	0:29	20	3:20	0:05			3:14 (7205)
	809 B-707-300C				147	3:20	0:07			3:14 (7205)
	825 CV-880	1	3:25	0:11						3:14 (7205)
	TOTAL	1137	3:30	0:16	382	3:21	0:07			
UA										
	715 R-727-200				1	3:23	0:09			3:14 (7205)
	730 DC-10-10	403	3:35	0:22						3:14 (7205)
	B16 B-747	225	3:23	0:10	231	3:15	0:01			3:14 (7205)
	842 DC-8-20	49	3:32	0:18						3:14 (7205)
	848 DC-8-50	12	3:32	0:18	1	3:20	0:06			3:14 (7205)
	F50 DC-8-50F				165	3:20	0:06			3:14 (7205)

---ALL TIMES ARF IN HOURS AND MINUTES---

TABLE I-3-21 (Continued)

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT (LAX => ORD (CONTINUED))  
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
UA (CONT)	851 DC-8-61	122	3:29	0:15	4	3:21	0:08	3:14 (7205)
	854 DC-8-62	3	3:48	0:35	1	3:16	0:02	3:14 (7205)
	TOTAL	114	3:31	0:17	403	3:17	0:03	
	ROUTE SUMMARY	4520	3:28	0:14	1722	3:19	0:05	

TABLE I-3-22

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

SEGMENT LAX <=> SFO STAGE LENGTH = 316 ST. MILES		BUSY (0700-0659)				DULL (2300-0659)				NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			
AA	809 B-707-300C	391	0:51	0:05						0:46 (7204)
	TOTAL	391	0:51	0:05						
BN	854 DC-8-62	151	0:53	0:07						0:46 (7204)
	TOTAL	151	0:53	0:07						
DL	846 DC-8-50	2	0:47	0:01						0:46 (7204)
	851 DC-8-61	261	0:46	-0:00						0:46 (7204)
NW	TOTAL	263	0:46	-0:00						0:46 (7204)
PA	808 B-707-300B	88	0:53	0:07						0:46 (7204)
	809 B-707-300C	129	0:52	0:06						0:46 (7204)
RW	816 B-747	151	0:53	0:07						0:46 (7204)
	TOTAL	88	0:53	0:07						0:46 (7204)
UA	553	0:52	0:06							0:46 (7204)
	TOTAL	833	0:52	0:06						0:46 (7204)
YR	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						0:46 (7204)

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

TABLE I-3-22 (Continued)

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

ROUTE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
TW	710 B-727-100	69	0:50	0:04	72	0:50	0:04	0:46 (7204)
	711 B-727-100C/QC	16	0:49	0:03				0:46 (7204)
	715 H-727-200	134	0:54	0:08				0:46 (7204)
	760 L-1011	175	0:50	0:04	2	0:47	0:01	0:46 (7204)
	802 H-707-100R	454	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-707-300R	242	0:52	0:06	203	0:50	0:04	0:46 (7204)
	809 B-707-300C	451	0:52	0:06	79	0:50	0:04	0:46 (7204)
	816 H-747	185	0:52	0:06	1	0:46	-0:00	0:46 (7204)
	TOTAL	1730	0:52	0:06	594	0:50	0:04	
UA	620 B-737-200	694	0:54	0:08				0:46 (7204)
	710 B-727-100	1636	0:51	0:05				0:46 (7204)
	711 B-727-100C/QC	462	0:52	0:06				0:46 (7204)
	715 H-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)
	842 DC-8-20	170	0:53	0:07	17	0:48	0:02	0:46 (7204)
	844 DC-8-30	15	0:54	0:08				0:46 (7204)
	848 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	64	0:52	0:06	4	0:47	0:01	0:46 (7204)
	TOTAL	5544	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	357	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)
	A14 H-720-000R	134	0:51	0:05	58	0:48	0:02	0:46 (7204)
	TOTAL	1260	0:52	0:06	321	0:49	0:03	
	ROUTE SUMMARY	8938	0:52	0:06	1125	0:49	0:03	

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

TABLE I-3-23

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT LGA ==> RNS  
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY		
AA	710 R-727-100	862	0:34	0:07						0:26 (7212)
	715 R-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-188A-08/188C	2766	0:40	0:05						0:35 (7201)
	640 DC-9-30	5720	0:34	0:07						0:26 (7212)
	710 R-727-100	88	0:33	0:07						0:26 (7212)
	711 R-727-100C/DC	26	0:35	0:06						0:26 (7212)
	715 R-727-200	163	0:35	0:09						0:26 (7212)
	TOTAL	8763	0:36	0:07						
	ROUTE SUMMARY	10575	0:35	0:07	211	0:28	0:02			

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

TABLE I-3-24

SEGMENT LGA ==> DCA  
STAGE LENGTH = 214 ST. MILES

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRBORNE DELAYS DURING 1974

AIRLINE	AIRCRAFT	BUSY (0700-0659)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	949	0:41	0:13				0:29 (7208)
	715 B-727-200	896	0:42	0:13				0:29 (7208)
	TOTAL	1845	0:42	0:13				
EA	550 L-188A-08/188C	2745	0:53	0:13				0:40 (7204)
	630 DC-9-10	1	0:40	0:11				0:29 (7208)
	640 DC-9-50	5601	0:43	0:15				0:29 (7208)
	710 H-727-100	234	0:43	0:15				0:29 (7208)
	711 H-727-100C/OC	61	0:45	0:16				0:29 (7208)
	715 B-727-200	139	0:45	0:16				0:29 (7208)
	TOTAL	8781	0:46	0:14				
	ROUTE SUMMARY	10626	0:45	0:14				

TABLE I-3-25

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
 LGA => DTW  
 STAGE LENGTH = 501 ST. MILES

SEGMENT	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
AA	710 B-727-100	2417	1:18	0:05						1:14 (7208)
	715 B-727-200	1046	1:18	0:05						1:14 (7208)
	730 DC-10-10	1	1:12	-0:02						1:14 (7208)
	TOTAL	3464	1:18	0:05						
ROUTE SUMMARY		3464	1:18	0:05						

TABLE I-3-26

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT LGA ==> ORD  
STAGE LENGTH = 733 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 H-727-100	1413	1:56	0:26				1:31 (7210)
	715 H-727-200	2395	1:57	0:27				1:31 (7210)
	730 DC-10-10	324	2:06	0:35				1:31 (7210)
	TOTAL	4132	1:58	0:27				
UA	710 H-727-100	991	2:02	0:31				1:31 (7210)
	711 H-727-100C/CC	293	2:00	0:29				1:31 (7210)
	715 H-727-200	1360	1:59	0:28				1:31 (7210)
	TOTAL	2644	2:00	0:29				
UA	620 B-737-200	44	2:02	0:31				1:31 (7210)
	710 H-727-100	575	2:04	0:33				1:31 (7210)
	711 H-727-100C/CC	63	2:03	0:32				1:31 (7210)
	715 H-727-200	502	2:01	0:30				1:31 (7210)
ROUTE SUMMARY		1182	2:02	0:32				
		7968	1:59	0:28				

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

TABLE I-3-27

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT MIA ==> ATL  
STAGE LENGTH = 595 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY			
DL	640 DC-9-30	238	1:38	0:19	1	1:19	0:04	1:18	(7210)	1:18 (7210)
	715 B-727-200	55	1:34	0:16	42	1:22	0:04	1:18	(7210)	
	730 DC-10-10	526	1:30	0:12				1:18	(7210)	
	760 L-1011	14	1:27	0:09				1:18	(7210)	
	816 B-747	372	1:32	0:14				1:18	(7210)	
	848 DC-8-50	322	1:29	0:11				1:18	(7210)	
	851 DC-8-61	31	1:31	0:13				1:18	(7210)	
	TOTAL	1558	1:32	0:14	42	1:22	0:04			
EA	630 DC-9-10	1	1:32	0:14				1:18	(7210)	1:18 (7210)
	640 DC-9-30	516	1:30	0:12				1:18	(7210)	
	710 B-727-100	154	1:26	0:08				1:18	(7210)	
	711 B-727-100C/QC	64	1:26	0:08				1:18	(7210)	
	715 B-727-200	445	1:31	0:13				1:18	(7210)	
	760 L-1011	79	1:30	0:12				1:18	(7210)	
	TOTAL	1259	1:30	0:12						
NW	710 B-727-100	263	1:24	0:06				1:18	(7210)	1:18 (7210)
	715 B-727-200	7	1:26	0:08				1:18	(7210)	
	733 DC10-40	46	1:24	0:06				1:18	(7210)	
	808 R-707-300B	1	1:20	0:02				1:18	(7210)	
	TOTAL	317	1:24	0:06						
UA	620 B-737-200	1	1:27	0:09				1:18	(7210)	1:18 (7210)
	710 B-727-100	467	1:27	0:09				1:18	(7210)	
	711 B-727-100C/QC	8	1:25	0:07				1:18	(7210)	
	715 B-727-200	5	1:24	0:06				1:18	(7210)	
	TOTAL	481	1:27	0:09						
ROUTE SUMMARY		3615	1:30	0:12	42	1:22	0:04			

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

TABLE I-3-28

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

SEGMENT MTA ==> JFK STAGE LENGTH = 1090 ST. MILFS	AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
			#FLIGHTS	AVG AIR TIME	DELAY	#FLIGHTS	AVG AIR TIME	DELAY	
BN	BN	711 H-727-100C/QC	1	2:28	0:20				2:08 (7202)
		B-727-200	1	2:18	0:10				2:08 (7202)
		848 NC-B-10	24	2:27	0:19				2:08 (7202)
		854 DC-B-62	400	2:24	0:16				2:08 (7202)
	TOTAL		426	2:24	0:17				
DL	DL	640 DC-9-30	1	2:20	0:12				2:08 (7202)
		710 B-727-100	3	2:18	0:11				2:08 (7202)
		715 B-727-200	416	2:18	0:10				2:08 (7202)
		730 NC-10-10	105	2:24	0:16				2:08 (7202)
		L-1011	3	2:21	0:13				2:08 (7202)
		760 DC-8-50	152	2:26	0:19				2:08 (7202)
		848 DC-8-50	9	2:21	0:13				2:08 (7202)
		851 DC-R-61	689	2:21	0:13				2:08 (7202)
	TOTAL								
	EA	630 NC-9-10	1	2:29	0:21				2:08 (7202)
		640 DC-9-10	1	2:20	0:12				2:08 (7202)
NA	NA	710 R-727-100	175	2:19	0:11				2:08 (7202)
		R-727-100C/QC	371	2:15	0:07	3	2:09	0:01	2:08 (7202)
		715 R-727-200	42	2:19	0:12				2:08 (7202)
		L-1011	488	2:18	0:10				2:08 (7202)
		TOTAL	1078	2:17	0:09	3	2:09	0:01	
		710 R-727-100	12	2:19	0:12				2:08 (7202)
		715 R-727-200	186	2:21	0:14				2:08 (7202)
		730 DC-10-10	32	2:28	0:21				2:08 (7202)
		732 DC-10-30	52	2:15	0:07				2:08 (7202)
		R-747	150	2:23	0:16				2:08 (7202)
	R16	842 DC-R-20	4	2:26	0:19				2:08 (7202)
		851 DC-R-61	3	2:26	0:18				2:08 (7202)

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-3-28 (Continued)

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

AIRLINF	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
NA (CONT)	TOTAL	439	2:22	0:14				
	ROUTE SUMMARY	2632	2:20	0:12	3	2:09	0:01	

TABLE I-3-29

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

SEGMENT MSP ==> ORD STAGE LENGTH = 334 ST. MILES		BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)	
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	TIME DELAY			
NC	640 DC-9-30	606	0:58	0:15						0:43 (7204)	
	TOTAL	606	0:58	0:15							
NW	B-727-100 H-727-200 DC10-40 B-707-300B B-707-300C B-747	1006 1352 779 22 220 123 3502	1:02 0:58 0:57 0:57 0:54 0:54 0:59	0:20 0:15 0:14 0:14 0:11 0:11 0:16	2	0:45 0:47 0:45 0:45 0:49 0:49 212	0:02 0:04 0:02 0:02 0:06 0:06 0:49	0:43 (7204)			
	TOTAL	1006 1352 779 22 220 123 3502	1:02 0:58 0:57 0:57 0:54 0:54 0:59	0:20 0:15 0:14 0:14 0:11 0:11 0:16	2	0:45 0:47 0:45 0:45 0:49 0:49 212	0:02 0:04 0:02 0:02 0:06 0:06 0:49	0:43 (7204)			
UA	620 B-737-200 H-727-100 H-727-100C/OC B-727-200 DC-8-20 DC-8-50 DC-8-62	487 323 100 248 1 1 1 1161	1:00 0:59 0:55 1:01 1:22 0:58 0:59 1:00	0:18 0:16 0:12 0:18 0:39 0:15 0:16	1161	0:17			0:43 (7204)		
	ROUTE SUMMARY	5269	0:59	0:16		212	0:49	0:06			

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

TABLE I-3-30

CATEGORIZED BY ROUTE SEGMENT, AIRLINES, AND EQUIPMENT TYPE

SEGMENT (IHD ==> ATL  
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-0659)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DFLAY	#FLIGHTS	Avg TIME	Avg AIR DFLAY			
DL	DC-9-30	676	1:28	0:20	1	1:19	0:12	1:07 (7209)	1:07 (7209)	1:07 (7209)
	B-727-100	5	1:29	0:22				1:07 (7209)	1:07 (7209)	
	B-727-200	635	1:24	0:16				1:07 (7209)	1:07 (7209)	
	DC-10-10	3	1:26	0:19				1:07 (7209)	1:07 (7209)	
	L-1011	230	1:28	0:20	58	1:21	0:14	1:07 (7209)	1:07 (7209)	
	H-747	115	1:21	0:14	1	1:22	0:15	1:07 (7209)	1:07 (7209)	
	CV-880	1	1:22	0:15				1:07 (7209)	1:07 (7209)	
	825	8	1:25	0:18				1:07 (7209)	1:07 (7209)	
	844	45	1:26	0:19				1:07 (7209)	1:07 (7209)	
	DC-8-30	7	1:31	0:23				1:07 (7209)	1:07 (7209)	
TOTAL		1725	1:26	0:18	60	1:22	0:14			
FA	DC-9-10	468	1:27	0:20				1:07 (7209)	1:07 (7209)	1:07 (7209)
	DC-9-30	1065	1:28	0:20				1:07 (7209)	1:07 (7209)	
	B-727-100	129	1:21	0:14				1:07 (7209)	1:07 (7209)	
	B-727-100C/GC	16	1:23	0:16				1:07 (7209)	1:07 (7209)	
	B-727-200	118	1:24	0:16				1:07 (7209)	1:07 (7209)	
	TOTAL	1796	1:27	0:19						
NW	B-727-100	645	1:23	0:15				1:07 (7209)	1:07 (7209)	1:07 (7209)
	B-727-200	6	1:30	0:23				1:07 (7209)	1:07 (7209)	
	DC-10-40	102	1:21	0:14				1:07 (7209)	1:07 (7209)	
	B-707-300C	1	1:28	0:21				1:07 (7209)	1:07 (7209)	
	TOTAL	754	1:23	0:15						
ROUTE SUMMARY		4275	1:26	0:18	60	1:22	0:14			

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

TABLE I - 3 - 31

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

SEGMENT **ORD => BNS**  
STAGE LENGTH = 867 ST. MILES

AIRLINF	AIRCRAFT	0700-2239			2300-0659			NOMINAL TIME (DATE)
		#FLIGHTS	BUSY AVG AIR TIME	AIR DELAY	#FLIGHTS	DULL AVG AIR TIME	AIR DELAY	
AA	710 R-727-100	287	1:43	0:08				1:36 (7206)
	715 R-727-200	216	1:43	0:08				1:36 (7206)
	730 DC-10-10	270	1:44	0:08				1:36 (7206)
	802 R-707-100R	500	1:43	0:07				1:36 (7206)
	808 R-707-300R	25	1:41	0:06				1:36 (7206)
	809 R-707-100C	35	1:42	0:06				1:36 (7206)
	816 R-747	90	1:45	0:09				1:36 (7206)
	TOTAL	1423	1:43	0:08				
PA	808 R-707-300R	97	1:47	0:12				1:36 (7206)
	809 R-707-300C	38	1:47	0:12				1:36 (7206)
	TOTAL	135	1:47	0:12				
TW	710 R-727-100	189	1:44	0:09				1:36 (7206)
	711 R-727-100C/QC	59	1:43	0:08				1:36 (7206)
	715 R-727-200	59	1:47	0:11				1:36 (7206)
	760 L-1011	37	1:41	0:05				1:36 (7206)
	802 R-707-100R	326	1:44	0:09				1:36 (7206)
	806 B-707-300	12	1:41	0:05				1:36 (7206)
	808 H-707-300B	150	1:45	0:09				1:36 (7206)
	809 H-707-300C	26	1:50	0:14				1:36 (7206)
UA	825 CV-880	75	1:43	0:07				1:36 (7206)
	TOTAL	933	1:44	0:09				

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

TABLE I-3-31 (Continued)

SEGMENT ORD ==> ROS (CONTINUED)		AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						
STAGE LENGTH = 867 ST. MILES		BUSY (0700-02259)			DULL (2300-0659)			NOMINAL TIME
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	(DATE)
UA (C1NT)	848 DC-8-50	19	1:45	0:09				1:36 (7206)
	850 DC-8-50F	162	1:43	0:07				1:36 (7206)
	851 DC-8-61	316	1:45	0:10				1:36 (7206)
	854 DC-8-62	6	1:39	0:03				1:36 (7206)
	TOTAL	917	1:44	0:08	154	1:41	0:05	
	ROUTE SUMMARY	3408	1:44	0:08	154	1:41	0:05	

TABLE I-3-32

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

SEGMENT ORD ==> NCA STAGE LENGTH = 612 ST. MILFS	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 H-727-100	1501	1:19	0:07				1:13 (7202)
	715 R-727-200	1093	1:21	0:08				1:13 (7202)
	730 DC-10-10	1	1:23	0:10				1:13 (7202)
	TOTAL	2595	1:20	0:07				1:13 (7202)
TW	630 DC-9-10	1	1:22	0:09				1:13 (7202)
	710 R-727-100	41	1:22	0:09				1:13 (7202)
	711 B-727-100C/QC	12	1:20	0:08				1:13 (7202)
	715 H-727-200	917	1:21	0:09				1:13 (7202)
	TOTAL	971	1:21	0:09				1:13 (7202)
UA	620 H-737-200	577	1:24	0:12				1:13 (7202)
	710 B-727-100	285	1:19	0:06				1:13 (7202)
	711 H-727-100C/QC	16	1:16	0:04				1:13 (7202)
	715 B-727-200	786	1:22	0:09				1:13 (7202)
	TOTAL	1666	1:22	0:09				1:13 (7202)
ROUTE SUMMARY		5232	1:21	0:08				

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

TABLE I-3-33

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT ORD ==> DEN  
STAGE LENGTH = 900 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	
CD	715 B-727-200	1067	2:01	0:05	12	2:01	0:04	1:55 (7206)
	730 DC-10-10	666	2:00	0:04	351	1:58	0:01	1:57 (7206)
	A14 R-720-000B	25	2:05	0:09				1:57 (7206)
	TOTAL	1758	2:01	0:04	363	1:58	0:02	
TW	B-727-100	156	2:04	0:07				1:57 (7206)
	B-727-100C/QC	44	2:04	0:07				1:57 (7206)
	B-727-200	567	2:02	0:05				1:57 (7206)
	B-707-100R	389	2:03	0:06				1:57 (7206)
	R-707-300	14	2:01	0:04				1:57 (7206)
	R-707-300R	50	2:03	0:06				1:57 (7206)
	B-707-300C	5	1:56	-0:01				1:57 (7206)
	CV-R80	169	2:04	0:07				1:57 (7206)
	TOTAL	1194	2:03	0:06				1:57 (7206)
UA	B-737-200	9	2:15	0:19				1:57 (7206)
	B-727-100	46	2:05	0:08				1:57 (7206)
	B-727-100C/QC	50	2:03	0:07	155	2:00	0:03	1:57 (7206)
	R-727-200	245	2:03	0:06				1:57 (7206)
	R-727-100	730	2:01	0:05				1:57 (7206)
	DC-10-10	790	2:01	0:04				1:57 (7206)
	R-747	816	28	2:01				1:57 (7206)
	DC-8-20	842	40	2:04	0:07			1:57 (7206)
	DC-8-30	844	4	2:10	0:13			1:57 (7206)
	DC-8-50	848	29	2:02	0:06			1:57 (7206)
	DC-8-61	851	206	2:05	0:08			1:57 (7206)
	DC-8-62	854	1	2:03	0:06			1:57 (7206)
	TOTAL	1448	2:03	0:06	155	2:00	0:03	
ROUTE SUMMARY		4400	2:02	0:05	518	1:59	0:02	

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

TABLE I-3-34

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

SEGMENT (IRD ==> DTW STAGE LENGTH = 235 ST. MILFS)	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
AIRLINE	#FLIGHTS	Avg AIR TIME	Avg AIR Delay	#FLIGHTS	Avg AIR TIME	Avg AIR Delay		
AA	710 B-727-100	223	0:39	0:08				0:31 (7201)
	715 H-727-200	98	0:38	0:07				0:31 (7201)
	730 DC-10-10	578	0:38	0:07				0:31 (7201)
	802 B-707-100B	527	0:38	0:06				0:31 (7201)
	808 H-707-300B	106	0:40	0:09				0:09
	809 B-707-300C	152	0:39	0:07				0:04
	816 B-747	11	0:36	0:04				0:10
	TOTAL	1675	0:38	0:07				0:31 (7201)
	DL 640 DC-9-30	366	0:34	0:02				0:31 (7201)
DL	TOTAL	366	0:34	0:02				
EA	710 H-727-100	18	0:38	0:07				0:31 (7201)
	711 H-727-100C/QC	9	0:38	0:06				0:31 (7201)
	715 B-727-200	5	0:40	0:08				0:31 (7201)
	TOTAL	30	0:38	0:07				
NW	710 B-727-100	444	0:38	0:07				0:36
	715 H-727-200	150	0:38	0:07				0:07
	733 DC-10-40	227	0:40	0:09				0:31 (7201)
	808 H-707-300B	3	0:39	0:07				0:08
	809 B-707-300C	185	0:39	0:08				0:04
	816 H-747	98	0:40	0:08				0:06
	TOTAL	1087	0:39	0:08				0:40
								0:09
								0:31 (7201)
PA	809 B-707-300C	60	0:40	0:09				0:31 (7201)

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-3-34 (Continued)

SEGMENT DOD => DTW (CONTINUED)			AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE.								
STAGE LENGTH = 235 ST. MILES			#FLIGHTS			#FLIGHTS			#FLIGHTS		
AIRLINE	AIRCRAFT		HUSY (0700-2259)	Avg Air Time	Avg Air Delay	DULL (2300-0659)	Avg Air Time	Avg Air Delay	DULL (2300-0659)	Avg Air Time	Avg Air Delay
PA (CNT)	TOTAL		60	0:40	0:09	4015	0:58	0:07	303	0:59	0:08
UA	620 R-737-200		287	0:40	0:08						
	710 R-727-100		47	0:39	0:07						
	711 A-727-100 C/DC		35	0:36	0:04						
	715 R-727-200		2	0:38	0:07						
	730 DC-10-10		172	0:40	0:08						
	816 A-747		88	0:39	0:07						
	842 DC-8-20		66	0:40	0:08						
	848 DC-8-50		18	0:37	0:06						
	851 DC-8-61		79	0:37	0:06						
	854 DC-8-62		3	0:39	0:08						
	TOTAL		797	0:39	0:08						
	ROUTE SUMMARY										

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

TABLE I-3-35

AIRBORNE DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT (ORD => FWR)  
STAGE LENGTH # 719 ST. MILFS

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 B-727-100 715 B-727-200 802 B-707-100B 808 B-707-300B 809 B-707-300C	181 174 136 168 440	1:28 1:31 1:31 1:31 1:31	0:05 0:07 0:08 0:07 0:08	1099	1:31	0:07	1:24 (7211)
	TOTAL							1:24 (7211)
TW	710 B-727-100 711 B-727-100C/QC 715 B-727-200 802 B-707-100R 806 B-707-300 808 B-707-300R 825 CV-880	114 33 117 241 15 15 159	1:32 1:33 1:29 1:32 1:32 1:33 1:26	0:09 0:10 0:06 0:09 0:08 0:10 0:02	684	1:30	0:07	1:24 (7211)
	TOTAL							1:24 (7211)
UA	620 R-737-200 710 R-727-100 711 R-727-100C/QC 715 R-727-200 730 DC-10-10 816 B-747 842 DC-8-20 844 DC-8-30 848 DC-8-50 851 DC-8-61 854 DC-8-62	3 63 7 1 366 155 161 15 22 244 115 1152	1:41 1:28 1:26 1:30 1:29 1:29 1:27 1:26 1:30 1:32 1:29	0:17 0:04 0:05 0:06 0:06 0:05 0:04 0:02 0:06 0:08 0:06	2935	1:30	0:07	1:24 (7211)
	TOTAL							1:24 (7211)
ROUTE SUMMARY								ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-3-36

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

SEGMENT (ORD => LAX  
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			
AA	710 R-727-100	75	3:37	0:02						3:35 (7212)
	715 R-727-200	7	3:42	0:07						3:35 (7212)
	730 DC-10-10	899	3:40	0:06	3	3:42	0:07			3:35 (7212)
	802 R-707-100R	399	3:47	0:12	15	3:48	0:13			3:35 (7212)
	808 R-707-300R	20	3:42	0:07	3	3:41	0:06			3:35 (7212)
	809 R-707-300C	269	3:44	0:10	231	3:48	0:14			3:35 (7212)
	816 H-747	1	3:42	0:07						3:35 (7212)
	TOTAL	1670	3:42	0:08	252	3:48	0:14			
CA	715 B-727-200	278	3:45	0:10	4	3:42	0:07			3:35 (7212)
	730 DC-10-10	941	3:41	0:06	83	3:40	0:06			3:35 (7212)
	814 R-720-000R	1	3:40	0:05						3:35 (7212)
	TOTAL	1220	3:42	0:07	87	3:40	0:06			
TW	710 R-727-100	1	3:37	0:02	1	3:50	0:15			3:35 (7212)
	711 R-727-100C/AC	2	3:57	0:23						3:35 (7212)
	715 R-727-200	4	3:37	0:02						3:35 (7212)
	760 L-1011	349	3:34	-0:01	2	3:38	0:03			3:35 (7212)
	802 R-707-100R	722	3:52	0:17	117	3:56	0:21			3:35 (7212)
	806 R-707-300	20	3:54	0:20	9	3:55	0:20			3:35 (7212)
	808 R-707-300H	24	3:50	0:15	85	3:51	0:17			3:35 (7212)
	809 R-707-300C	1	4:08	0:33	171	3:50	0:15			3:35 (7212)
	816 B-747	1	4:05	0:30	2	3:28	-0:06			3:35 (7212)
	825 CV-880									3:35 (7212)
	TOTAL	1124	3:46	0:12	387	3:52	0:17			
UA	710 B-727-100	2	3:39	0:04						3:35 (7212)
	730 DC-10-10	459	3:43	0:09	1	3:42	0:07			3:35 (7212)
	816 R-747	353	3:39	0:05	17	3:50	0:16			3:35 (7212)
	842 DC-R-20	166	3:49	0:15						

ALL TIMES ARE IN HOURS AND MINUTES

TABLE 1-3-36 (Continued)

AIRCRAFT CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT (IRI) ==> LAX (CONTINUED)		AIRLINE					AIRCRAFT		
SEGMENT LENGTH = 1744 ST. MILES		#FLIGHTS			#FLIGHTS		#FLIGHTS		NOMINAL TIME (DATE)
		AIRPORT	#FLIGHTS	Avg AIR TIME	AIR DELAY	TIME	AIR DELAY	AIR DELAY	
UA (CONT)		844 DC-8-50	15	3:55	0:20		15	3:49	0:14 3:35 (7212)
		848 DC-8-50	69	3:50	0:16		205	3:48	0:15 3:35 (7212)
		850 DC-8-50F				111	3:46	0:12	3:48 3:35 (7212)
		851 DC-8-61				14	3:49	0:14	4 0:14 3:35 (7212)
		854 DC-8-62							4 0:12 3:35 (7212)
		TOTAL	1187	3:44	0:09		244	3:48	0:14
		ROUTE SUMMARY	5201	3:43	0:09		970	3:49	0:10

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

TABLE I-3-37

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

SEGMENT (ORD ==> LGA STAGE LENGTH = 733 ST. MILES)		BUSY (0700-2255) #FLIGHTS AVG AIR TIME				DULL (2300-0659) #FLIGHTS AVG AIR TIME				NUMINAL TIME (DATE)	
AIRLINE	AIRCRAFT		Avg Air Delay		Avg Air Delay		Avg Air Delay		Avg Air Delay		Delay
AA	710 R-727-100	1327	1:34	0:09						1:26	(7212)
	715 B-727-200	2127	1:35	0:09						1:26	(7212)
	730 DC-10-10	244	1:56	0:10						1:26	(7212)
	TOTAL	3698	1:35	0:09							
TW	630 DC-9-10	1	1:30	0:04						1:26	(7212)
	710 R-727-100	936	1:35	0:10						1:26	(7212)
	711 H-727-100C/ac	268	1:36	0:11						1:26	(7212)
	715 H-727-200	1221	1:36	0:10						1:26	(7212)
TOTAL		2426	1:36	0:10							
UA	620 B-737-200	29	1:35	0:09						1:26	(7212)
	710 R-727-100	717	1:38	0:12						1:26	(7212)
	711 H-727-100C/ac	54	1:31	0:05						1:26	(7212)
	715 B-727-200	481	1:33	0:07						1:26	(7212)
TOTAL		1281	1:35	0:10							
ROUTE SUMMARY		7405	1:35	0:09							

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

TABLE I-3-38

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

SEGMENT ORIGIN ==> MSP STAGE LENGTH = 334 ST. MILES		-----BUSY (0700-2259)-----				-----BUSY (2300-0659)-----				NOMINAL TIME (DATE)		
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	TIME	TIME	Avg AIR DELAY	NOMINAL TIME (DATE)	
NC	640 DC-9-30	550	0:55	0:05							0:51 (7208)	
	TOTAL	550	0:55	0:05								
NW	710 B-727-100 715 B-727-200 733 DC-10-00 80R H-707-300H 809 R-707-300C 816 H-747	860 1207 964 19 226 135	0:56 0:56 0:55 0:55 0:56 0:56	0:05 0:05 0:04 0:05 0:05 0:07	149 14 194 2 35 144	0:53 0:53 0:53 0:53 0:54 0:54	0:03 0:03 0:03 0:03 0:04 0:04	0:51 (7208)	0:51 (7208)	0:03	0:51 (7208)	
	TOTAL	3411	0:56	0:05	536	0:54	0:03					
UA	620 H-737-200 710 R-727-100 711 B-727-100C/AC 715 B-727-200 842 DC-8-20 84R DC-8-50 851 DC-8-61 854 DC-8-62	485 309 151 285 4 1 1 1 1237	0:58 0:54 0:55 0:55 0:53 1:44 0:52 0:49 0:56	0:07 0:04 0:05 0:04 0:03 0:53 0:01 -0:02	101 0:53 0:02	0:51 (7208)	0:51 (7208)	0:02	0:51 (7208)	0:51 (7208)	0:03	0:51 (7208)
	TOTAL	5198	0:56	0:05	637	0:54	0:03					
MINUTE SUMMARY												

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

TABLE I - 3-39

AIRPORTS DELAYS DURING 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE  
SEGMENT DIR ==> PIT  
STAGE LENGTH = 412 MI LS

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AL	430 CV-580	16	1:21	-0:10				1:31 (7211)
	605 R-1-11-200	16	1:08	0:14				0:54 (7202)
	640 DC-9-30	5657	0:59	0:06				0:54 (7202)
	TOTAL	5689	1:00	0:05				
TW	710 H-727-100	129	1:01	0:07				0:54 (7202)
	711 H-727-00C/qC	32	1:02	0:08				0:54 (7202)
	715 H-727-00	150	0:58	0:04				0:54 (7202)
	760 L-1011	265	1:00	0:06				0:54 (7202)
	802 R-707-100R	510	0:59	0:05				0:54 (7202)
	806 R-707-300	31	1:01	0:07				0:54 (7202)
	808 H-707-300H	66	1:02	0:08				0:54 (7202)
	809 H-707-300C	7	1:01	0:08				0:54 (7202)
	825 CV-880	78	0:55	0:01				0:54 (7202)
	TOTAL	1268	0:59	0:05				
UA	620 B-737-200	64	0:56	0:02				0:54 (7202)
	710 H-727-100	73	0:56	0:02				0:54 (7202)
	711 H-727-00C/qC	84	0:54	0:01				0:54 (7202)
	715 H-727-00	240	1:00	0:06				0:54 (7202)
	730 DC-10-10	137	0:57	0:03				0:54 (7202)
	816 R-747	220	0:58	0:04				0:54 (7202)
	842 DC-8-200	20	1:01	0:07				0:54 (7202)
	844 DC-8-50	18	1:01	0:07				0:54 (7202)
	851 DC-8-61	124	1:01	0:07				0:54 (7202)
	TOTAL	980	0:58	0:04				
ROUTE SUMMARY		5937	0:59	0:05				

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

TABLE I-3-40

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE										
SEGMENT (ORD ==> SFO) STAGE LENGTH = 1846 ST. MILES		#FLIGHTS				#FLIGHTS				NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	BUSY		(0700-02259)		DULL		(2300-0659)		NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	#FLIGHTS	Avg Air Time	#FLIGHTS	Avg Air Time	#FLIGHTS	Avg Air Time	DELAY
AA	715 R-727-200	1	3:53	-0:00						3:53 (7208)
	730 DC-10-10	357	3:54	0:01						3:53 (7208)
	R02 R-707-100B	540	4:02	0:09						3:53 (7208)
	808 B-707-300R	126	3:56	0:03						3:53 (7208)
	809 B-707-300C	244	3:57	0:04	23	3:55	0:01			3:53 (7208)
	816 H-747	86	3:45	-0:09						3:53 (7208)
	TOTAL	1354	3:57	0:04	23	3:55	0:01			
UA	715 R-727-200	2	4:04	0:11						3:53 (7208)
	760 L-1011	387	3:46	-0:07						3:53 (7208)
	802 R-707-100B	548	4:03	0:10						3:53 (7208)
	806 R-707-300	6	4:03	0:09						3:53 (7208)
	808 B-707-300R	8	4:03	0:10						3:53 (7208)
	809 R-707-300C	1	5:58	0:05						3:53 (7208)
	816 H-747	2	3:53	-0:01						3:53 (7208)
	825 CV-880	2	4:00	0:07						3:53 (7208)
	TOTAL	956	3:56	0:03						
UA	710 H-727-100	3	4:07	0:14						3:53 (7208)
	711 R-727-100C/qC	1	3:52	-0:01						3:53 (7208)
	730 DC-10-10	118	3:53	-0:01						3:53 (7208)
	816 H-747	202	3:53	-0:01						3:53 (7208)
	842 NC-8-20	135	3:59	0:06						3:53 (7208)
	844 DC-8-30	1	4:11	0:16						3:53 (7208)
	848 NC-8-50	68	3:58	0:05						3:53 (7208)
	850 NC-8-50F	294	4:01	0:08	161	4:00	0:07			3:53 (7208)
	851 DC-8-61	660	4:03	0:10						3:53 (7208)
	854 DC-8-62	7	3:59	0:06						3:53 (7208)
	TOTAL	1289	3:59	0:06						
ROUTE SUMMARY		5599	3:58	0:05						
					345	3:59	0:05			

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

TABLE I-3-41

SEGMENT ORD => STL  
STAGE LENGTH = 258 ST. MILES  
CATGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRBORNE DELAYS DURING 1974

AIRLINE	AIRCRAFT	BUSY (0700-0759)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AA	710 B-727-100	248	0:45	0:06				0:38 (7205)
	715 B-727-200	119	0:44	0:06				0:38 (7205)
	802 B-707-100H	652	0:45	0:06				0:38 (7205)
	808 B-707-300H	58	0:45	0:06				0:38 (7205)
	809 B-707-300C	57	0:46	0:06				0:38 (7205)
	TOTAL	1114	0:45	0:06				
DL	640 DC-9-30	2455	0:45	0:04	157	0:36	-0:03	0:38 (7205)
	710 R-727-100	114	0:42	0:04				0:38 (7205)
	715 R-727-200	292	0:40	0:01				0:38 (7205)
	844 DC-9-30	2	0:46	0:08				0:38 (7205)
	848 DC-R-50	2	0:43	0:04				0:38 (7205)
	TOTAL	2865	0:42	0:04	157	0:36	-0:03	
NZ	454 FH-227	2	1:11	0:06				1:05 (7212)
	630 DC-9-10	179	0:44	0:06				0:38 (7205)
	640 DC-9-30	788	0:45	0:06				0:38 (7205)
	TOTAL	969	0:45	0:06	151	0:42	0:04	
	ROUTE SUMMARY	4948	0:43	0:05	308	0:39	0:00	

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

TABLE I-3-42

SEGMENT PHL ==> HHS STAGE LENGTH = 280 ST. MILES		CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE				AIRCRAFT DELAYS DURING 1974					
AIRLINE	AIRCRAFT	#FLIGHTS			#FLIGHTS	(0700-2259)			(2300-0659)		
		#FLIGHTS			#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay	NOMINAL TIME (DATE)
AA	802 B-707-100R	154	0:49	0:13							0:36 (7210)
	808 B-707-300R	3	0:48	0:12							0:36 (7210)
	809 R-707-300C	12	0:50	0:14							0:36 (7210)
	TOTAL	149	0:49	0:13							
AL	430 CV-580	13	1:10	-0:28							1:38 (7211)
	605 R-1-1-200	1703	0:52	0:16							0:36 (7210)
	640 DC-9-30	2178	0:50	0:14							0:36 (7210)
	TOTAL	3894	0:51	0:14							
DL	640 NC-9-30	1255	0:52	0:16							0:36 (7210)
	710 R-727-100	57	0:49	0:13							0:36 (7210)
	715 R-727-200	698	0:52	0:16							0:36 (7210)
	TOTAL	2010	0:52	0:16							
FA	640 NC-9-30										0:46 (7210)
	710 R-727-100	165	0:48	0:12							0:43 (7210)
	711 R-727-100C/QC	61	0:49	0:13							0:45 (7210)
	715 R-727-200	16	0:49	0:13							0:43 (7210)
TOTAL		242	0:48	0:12							0:45 (7210)
NA	710 R-727-100	90	0:46	0:10							0:36 (7210)
	715 R-727-200	17	0:45	0:09							0:36 (7210)

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

TABLE I-3-42 (Continued)

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

TABLE I - 3-43

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

SEGMENT	PHL => PIT	STAGE LENGTH = 268 ST. MILES	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	Avg AIR TIME	Avg AIR DELAY	
AL	430 CV-560		40	1:04	*0:01						1:05 (7208)
	605 B-1-1-200		1802	0:52	0:08						0:43 (7205)
	640 DC-9-30		2484	0:48	0:04						0:43 (7205)
	TOTAL		4326	0:50	0:06						0:06
TW	630 DC-9-10		955	0:48	0:05						0:43 (7205)
	710 B-727-100		1	0:52	0:09						0:43 (7205)
	711 B-727-100C/OC		1	0:43	*0:00						0:43 (7205)
	715 B-727-200		94	0:51	0:08						0:43 (7205)
	806 B-707-300		19	0:53	0:09						0:43 (7205)
	808 B-707-300H		146	0:48	0:04						0:43 (7205)
	809 B-707-300C		6	0:46	0:02						0:43 (7205)
	TOTAL		1222	0:48	0:05						
	ROUTE SUMMARY		5548	0:49	0:06						0:06

TABLE I-3-44

SEGMENT PIT ==> (R)D  
STAGE LENGTH = 412 ST. MILES  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
AL	430 CV-580	15	1:49	0:06				1:43 (7208)
	605 B-1-1-200	160	1:18	0:14				1:04 (7208)
	640 DC-9-30	3637	1:14	0:11				1:04 (7208)
	TOTAL	3812	1:15	0:11				
TW	710 R-727-100	128	1:20	0:16				1:04 (7208)
	711 R-727-100C/QC	29	1:20	0:16				1:04 (7208)
	715 R-727-200	195	1:13	0:09				1:04 (7208)
	760 L-1011	261	1:09	0:05				1:04 (7208)
	802 R-707-100R	565	1:20	0:16				1:04 (7208)
	806 R-707-300	29	1:35	0:31				1:04 (7208)
	808 R-707-300H	71	1:29	0:25				1:04 (7208)
	809 B-707-300C	8	1:42	0:38				1:04 (7208)
	825 CV-880	77	1:19	0:15				1:04 (7208)
	TOTAL	1363	1:18	0:14				
UA	620 R-737-200	189	1:29	0:25				1:04 (7208)
	710 R-727-100	373	1:17	0:13				1:04 (7208)
	711 R-727-100C/QC	27	1:17	0:13				1:04 (7208)
	715 R-727-200	23	1:27	0:23				1:04 (7208)
	730 DC-10-10	137	1:16	0:12				1:04 (7208)
	816 B-747	281	1:11	0:07				1:04 (7208)
	842 DC-8-20	26	1:24	0:20				1:04 (7208)
	848 DC-8-50	21	1:31	0:28				1:04 (7208)
	851 DC-8-61	129	1:33	0:29				1:04 (7208)
	TOTAL	1206	1:20	0:16				
ROUTE SUMMARY		6381	1:16	0:12				

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

TABLE I-3-45

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

SEGMENT	PIT => PHL	STAGE LENGTH = 268 ST. MILES	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT		#FLIGHTS	Avg AIR TIME	Avg AIR DFLAY	#FLIGHTS	Avg AIR TIME	Avg AIR DFLAY	DELAY		
AL	430 CV-580	27	1:04	0:04						1:00 (7211)	
	605 B-1-11-200	1786	0:49	0:16						0:33 (7210)	
	640 DC-9-30	2672	0:45	0:13						0:33 (7210)	
	TOTAL	4485	0:47	0:14							
TW	630 DC-9-10	1061	0:44	0:11						0:33 (7210)	
	710 B-727-100	2	0:41	0:08						0:33 (7210)	
	711 B-727-100C/NC	2	0:45	0:12						0:33 (7210)	
	806 B-707-300	74	0:44	0:11						0:33 (7210)	
	808 B-707-300B	98	0:47	0:15						0:33 (7210)	
	809 B-707-300C	4	0:46	0:13						0:33 (7210)	
	TOTAL	1241	0:44	0:12							
	ROUTE SUMMARY	5726	0:46	0:14							

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

TABLE I-3-46

SEGMENT SEA ==> SFO  
STAGE LENGTH = 678 ST. MILES  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Time	Avg Air Delay	#FLIGHTS	Avg Air Time	Avg Air Delay	
PA	808 B-707-300B	1	1:35	0:12				1:23 (7203)
	816 H-747	56	1:36	0:14				1:23 (7203)
	TOTAL	57	1:36	0:14				
UA	620 R-737-200	3	1:39	0:17				1:23 (7203)
	710 R-727-100	623	1:33	0:11				1:23 (7203)
	711 B-727-100C/QC	196	1:33	0:11				1:23 (7203)
	715 R-727-200	222	1:33	0:11				1:23 (7203)
	816 H-747	1	1:42	0:19				1:23 (7203)
	842 DC-8-200	175	1:37	0:19				1:23 (7203)
	844 DC-8-300	11	1:30	0:08				1:23 (7203)
	848 DC-8-50	121	1:34	0:11				1:23 (7203)
	850 DC-8-50F	33	1:37	0:14				1:23 (7203)
	851 DC-8-61	146	1:36	0:13				1:23 (7203)
	854 DC-8-62	15	1:38	0:15				1:23 (7203)
	TOTAL	1546	1:34	0:12				
WA	620 H-737-200	585	1:37	0:15				1:23 (7203)
	715 R-727-200	329	1:32	0:10	91	1:28	0:05	1:23 (7203)
	809 H-707-300C	2	1:39	0:17				1:23 (7203)
	814 B-720-00H	109	1:30	0:07	45	1:26	0:03	1:23 (7203)
	TOTAL	1025	1:35	0:12	136	1:27	0:05	
ROUTE SUMMARY		2628	1:34	0:12	136	1:27	0:05	

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

TABLE I-3-47

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

SEGMENT SFO => LAX		BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)	
AIRLINE	AIRCRAFT	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	TIME	DELAY		
RN	854 DC-B-62	150	0:55	0:09						0:46	(7212)
	TOTAL	150	0:55	0:09							
DL	848 DC-B-50 851 DC-R-61	8 410	0:51 0:54	0:05 0:08						0:46	(7212)
	TOTAL	418	0:54	0:08							
NW	816 B-747	90	0:56	0:09						0:46	(7212)
	TOTAL	90	0:56	0:09							
PA	808 B-707-300B 809 B-707-300C 816 B-747	137 114 389	0:55 0:55 0:55	0:09 0:09 0:09	27	0:54		0:07		0:46	(7212)
	TOTAL	640	0:55	0:09	27	0:54		0:07		0:46	(7212)
RW	630 DC-9-10 640 NC-9-30	89 451	0:52 0:55	0:06 0:09						0:46	(7212)
	TOTAL	540	0:55	0:09						0:46	(7212)
TW	710 R-727-100 711 H-727-100C/QC 715 H-727-200 760 L-1011 802 B-707-100R	248 68 11 148 512	0:52 0:53 0:53 0:53 0:52	0:06 0:06 0:07 0:07 0:06	44 1 1 1 55	0:51 0:49 1 0:48 0:48		0:05 0:05 0:05 0:05 0:05		0:46	(7212)
										0:46	(7212)
										0:46	(7212)
										0:46	(7212)
										0:46	(7212)
										0:46	(7212)

ALL TIMES ARE IN HOURS AND MINUTES

TABLE I-3-47 (Continued)

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

AIRLINE	AIRCRAFT	BUSY (0700-2259)			DULL (2300-0659)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
TW (CONT)	806 B=707-300	29	0:52	0:06	2	0:50	0:04	0:46 (7212)
	808 R=707-300R	350	0:52	0:06	1	0:50	0:04	0:46 (7212)
	809 R=707-300C	86	0:51	0:05	211	0:50	0:04	0:46 (7212)
	816 R=747	181	0:54	0:08				0:46 (7212)
	<b>TOTAL</b>	<b>1633</b>	<b>0:52</b>	<b>0:06</b>	<b>314</b>	<b>0:50</b>	<b>0:04</b>	
UA	620 R=737-200	914	0:53	0:07				0:46 (7212)
	710 R=727-00	1685	0:51	0:05				0:46 (7212)
	711 R=727-00C/0C	239	0:50	0:04	156	0:49	0:02	0:46 (7212)
	715 R=727-200	212	0:53	0:07				0:46 (7212)
	730 DC-10-10	2	0:50	0:04				0:46 (7212)
	816 R=747	90	0:53	0:04				0:46 (7212)
	842 NC-8-20	2	0:51	0:07				0:46 (7212)
	844 DC-8-30	62	0:51	0:05				0:46 (7212)
	848 DC-R-50	35	0:50	0:04				0:46 (7212)
	850 DC-8-50F	108	0:53	0:07				0:46 (7212)
	851 DC-8-61	40	0:53	0:06				0:46 (7212)
	854 DC-8-62							0:46 (7212)
	<b>TOTAL</b>	<b>3391</b>	<b>0:52</b>	<b>0:06</b>	<b>156</b>	<b>0:49</b>	<b>0:02</b>	
WA	620 R=737-200	683	0:53	0:06	153	0:50	0:03	0:46 (7212)
	715 R=727-00	276	0:52	0:05	98	0:47	0:01	0:46 (7212)
	814 R=720-000R	212	0:52	0:06	51	0:48	0:02	0:46 (7212)
	<b>TOTAL</b>	<b>1171</b>	<b>0:52</b>	<b>0:06</b>	<b>302</b>	<b>0:49</b>	<b>0:02</b>	
	<b>ROUTE SUMMARY</b>	<b>8033</b>	<b>0:53</b>	<b>0:06</b>	<b>799</b>	<b>0:49</b>	<b>0:03</b>	

\*\*\*ALL TIMES ARE IN HOURS AND MINUTES\*\*\*

TABLE I-3-48

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

SEGMENT SFO => ORD  
STAGE LENGTH = 1846 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME (DATE)
		#FLIGHTS	TIME	Avg Air	Delay	#FLIGHTS	TIME	Avg Air	Delay	
AA	710 B-727-100	2	3:45	0:21						3:25 (7204)
	715 B-727-200	1	3:35	0:10						3:25 (7204)
	730 DC-10-10	357	3:34	0:10						3:25 (7204)
	802 A-707-100R	471	3:42	0:17	16	3:24	-0:00			3:25 (7204)
	808 B-707-300B	162	3:32	0:08	1	3:39	0:14			3:25 (7204)
	809 A-707-300C	530	3:34	0:09	1	3:16	-0:09			3:25 (7204)
	816 R-747	93	3:30	0:05						3:25 (7204)
	TOTAL	1616	3:36	0:11	18	3:25	0:00			
TW	711 B-727-100C/QC	1	3:28	0:03						3:25 (7204)
	715 B-727-200	2	3:24	=0:00						3:25 (7204)
	760 L-1011	335	3:35	0:11	40	3:19	-0:05			3:25 (7204)
	802 B-707-100H	357	3:42	0:17	87	3:28	0:03			3:25 (7204)
	806 R-707-300	4	3:28	0:03						3:25 (7204)
	808 R-707-300R	4	3:45	0:21	1	3:28	0:03			3:25 (7204)
	809 A-707-300C	1	3:53	0:28						3:25 (7204)
	816 R-747	2	3:29	0:05						3:25 (7204)
	825 CV-880	1	3:43	0:18	1	3:30	0:05			3:25 (7204)
	TOTAL	707	3:38	0:14	187	3:28	0:03			
UA	710 R-727-100	3	3:33	0:08	2	3:36	0:11			3:25 (7204)
	711 B-727-100C/QC	79	3:47	0:23	1	3:39	0:14			3:25 (7204)
	730 DC-10-10	190	3:39	0:14	42	3:25	0:01			3:25 (7204)
	816 B-747	62	3:43	0:18	5	3:29	0:04			3:25 (7204)
	842 DC-8-20	1	3:30	0:05	7	3:34	0:10			3:25 (7204)
	844 DC-8-30	34	3:44	0:20	2	3:28	0:04			3:25 (7204)
	848 DC-8-50	187	3:39	0:14	10	3:34	0:09			3:25 (7204)
	850 DC-8-50F	360	3:45	0:20	193	3:28	0:04			3:25 (7204)
	851 DC-8-61	18	3:40	0:16	174	3:29	0:05			3:25 (7204)
	854 DC-8-62	TOTAL	934	3:42	0:18	436	3:29	0:04		
	ROUTE SUMMARY	3257	3:38	0:14	641	3:28	0:04			

ALL TIMES ARE IN HOURS AND MINUTES--

TABLE I-3-49

SEGMENT SFU ==> SEA  
 STAGE LENGTH = 678 ST. MILFS  
 AIRLINE AIRCRAFT  
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	BUSY (0700-2255)			DULL (2300-0655)			NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	#FLIGHTS	Avg AIR TIME	Avg AIR DELAY	
PA	808 H-707-300B 816 B-747	2 96	1:31 1:26	0:08 0:03				1:24 (7206) 1:24 (7206)
	TOTAL	98	1:26	0:03				
UA	620 B-737-200 710 R-727-200 711 H-727-100C/DC 715 A-727-200 730 DC-10-10 816 B-747 842 NC-B-20 844 DC-B-10 848 DC-B-50 851 DC-B-61 854 NC-B-e2	3 871 369 13 1 1 1 249 7 89 192 17	1:37 1:31 1:31 1:29 1:36 1:26 1:31 1:37 1:37 1:32 1:30 1:29	0:13 0:07 0:08 0:05 0:12 0:02 0:08 0:14 0:14 0:09 0:07 0:05				1:24 (7206) 1:24 (7206)
	TOTAL	1812	1:31	0:08				
WA	620 B-737-200 715 H-727-200 809 B-707-300C 814 B-720-100B	621 286 2 147	1:33 1:28 1:27 1:31	0:10 0:04 0:03 0:07	154	1:26	0:02	1:24 (7206) 1:24 (7206) 1:24 (7206) 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-3-50

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

SEGMENT STL ==> ORD STAGE LENGTH = 258 ST. MILFS		BUSY (0700-2259)				DULL (2300-0659)				NOMINAL TIME	
AIRLINF	AIRCRAFT	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	TIME	DATE		
AA	710 B-727-100 715 B-727-200 802 B-707-100R 808 B-707-100R 809 B-707-200C	225 191 397 38 46	0:54 0:53 0:52 0:52 0:51	0:16 0:15 0:14 0:13 0:12	0:16 0:15 0:14 0:13 0:12	0:18 0:18 0:18 0:18 0:18	(7211) (7211) (7211) (7211) (7211)				
	TOTAL	897	0:53	0:14							
DL	640 DC-9-30 710 H-727-100 715 H-727-200 844 NC-H-30 848 DC-8-50	2685 133 156 1 13	0:55 0:53 0:57 0:47 1:00	0:17 0:15 0:19 0:19 0:22	306	0:46	0:08	0:38	(7211)		
	TOTAL	2988	0:55	0:17	306	0:46	0:08	0:38	(7211)		
DL	630 DC-9-10 640 DC-9-30	197 807	0:58 0:54	0:20 0:15	73 28	0:42 0:43	0:04 0:04	0:38	(7211)		
	TOTAL	1004	0:55	0:16	101	0:42	0:04	0:38	(7211)		
ROUTE SUMMARY		4889	0:55	0:16	407	0:45	0:07				

— ALL TIMES ARE IN HOURS AND MINUTES —

TABLE I-4-1

AIRBORNE DELAYS DURING 1973 AND 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

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

AIRLINE	AIRCRAFT	1973			1974			TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY					
DL	640 DC-9-30			5	0:11			5	1:35 (7404)	
	710 B-727-100	1	0:06					1		
	715 B-727-200	302	0:01					302		
	760 L-1011	342	0:11					342		
	816 B-747	561	0:04					561		
	848 DC-8-50	785	0:08					785		
	851 DC-8-61	145	0:11					145		
	TOTAL	2141	0:07					2141		
EA	630 DC-9-10	118	0:08					118		
	640 DC-9-30	397	0:13					397		
	710 B-727-100	241	0:06					241		
	711 B-727-100C/QC	155	0:04					155		
	715 B-727-200	155	0:04					155		
	TOTAL	1066	0:08					1066		
	ROUTE SUMMARY	3207	0:07					3207		

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

TABLE I-4-2

AIRBORNE DELAYS DURING 1973 AND 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL ==> MIA  
STAGE LENGTH = 595 ST. MILFS

AIRLINE	AIRCRAFT	1973			1974			TOTAL #FLIGHTS	#FLIGHTS	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Delay	#FLIGHTS	Avg Air Delay							
DL	DC-9-10	1	0:00	4	0:09			1	31	0:08	1:15 (7209)	
	DC-9-30	27	0:01	10	0:05				13	0:05	1:15 (7209)	
	B-727-100	3	=0:00	323	0:02				333	=0:02	1:15 (7209)	
	B-727-200	10	0:04	400	0:03				574	0:02	1:15 (7209)	
	730 DC-10-10	174	0:02	240	0:07				240	0:07	1:15 (7209)	
	760 L-1011	310	0:02	97	0:03				407	0:01	1:15 (7209)	
	B-747	8	0:02						8		1:15 (7209)	
	816 CV-880	67	0:03						67		1:15 (7209)	
	825 DC-8-30	67	0:05	482	0:05				1137	=0:00	1:15 (7209)	
	844 DC-8-50	655	0:05	411	0:03				996	=0:03	1:15 (7209)	
EA	846 DC-8-50	585	0:06						3807	=0:00	1:15 (7209)	
	851 DC-8-61											
	<b>TOTAL</b>	<b>1840</b>	<b>0:04</b>	<b>1967</b>	<b>0:04</b>							
	630 DC-9-10	2	0:08	9	0:06				11	=0:02	1:15 (7209)	
	640 DC-9-30	501	0:09	748	0:08				1249	=0:00	1:15 (7209)	
	B-727-100	150	0:06	408	0:05				558	=0:00	1:15 (7209)	
	711 B-727-100C/QC	224	0:05	55	0:04				279	=0:02	1:15 (7209)	
	715 B-727-200	146	0:03	42	0:05				188	=0:02	1:15 (7209)	
	760 L-1011	2	0:02	79	0:02				81	0:00	1:15 (7209)	
	842 DC-8-20	2	0:04						2		1:15 (7209)	
NW	<b>TOTAL</b>	<b>1027</b>	<b>0:07</b>	<b>1341</b>	<b>0:07</b>				<b>2568</b>	<b>0:00</b>		
	710 B-727-100	364	0:08	396	0:07				760	=0:01	1:15 (7209)	
	715 B-727-200	9	0:09	11	0:07				20	=0:02	1:15 (7209)	
	733 DC-10-40			45	0:09				45		1:15 (7209)	
	808 B-707-300B	9	0:08	1	0:10				10	0:02	1:15 (7209)	
	809 B-707-300C	75	0:08	1	0:13				76	0:06	1:15 (7209)	
	<b>TOTAL</b>	<b>457</b>	<b>0:08</b>	<b>454</b>	<b>0:07</b>				<b>911</b>	<b>=0:00</b>		
	620 B-737-200	248	0:12	1	0:15				249	0:03	1:15 (7209)	
	710 B-727-100	135	0:05	465	0:06				600	0:00	1:15 (7209)	
	711 B-727-100C/QC	69	0:05	7	0:07				76	0:03	1:15 (7209)	
UA	715 B-727-200	217	0:07	6	0:07				223	0:00	1:15 (7209)	
	<b>TOTAL</b>	<b>669</b>	<b>0:08</b>	<b>479</b>	<b>0:06</b>				<b>1148</b>	<b>=0:03</b>		
	<b>ROUTE SUMMARY</b>	<b>3993</b>	<b>0:06</b>	<b>4241</b>	<b>0:05</b>				<b>8234</b>	<b>=0:01</b>		

TABLE I-4-3

AIRBORNE DELAYS DURING 1973 AND 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL => ORD  
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	1973		1974		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	Avg AIR DELAY	#FLIGHTS	Avg AIR DELAY			
DL	630 DC-9-10	61	0:18	420	0:16	61	792	1:15 (7204)
	640 DC-9-30	372	0:14					1:15 (7204)
	710 B-727-100	1	0:11	428	0:25	436	1:15	1:15 (7204)
	715 B-727-200	8	0:11	221	0:18	221	1:15	1:15 (7204)
	730 DC-10-10			232	0:27	232	1:15	1:15 (7204)
	760 L-1011			119	0:16	270	0:01	1:15 (7204)
	816 B-747	151	0:15					1:15 (7204)
	825 CV-880	194	0:12					1:15 (7204)
	844 DC-8-30	337	0:21	8	0:20	345	-0:01	1:15 (7204)
	848 DC-8-50	498	0:20	19	0:20	517	-0:00	1:15 (7204)
	851 DC-8-61	355	0:14	66	0:15	421	0:02	1:15 (7204)
	TOTAL	1977	0:17	1513	0:21	3490	0:04	
EA	630 DC-9-10	141	0:12	536	0:16	677	0:03	1:15 (7204)
	640 DC-9-30	761	0:16	345	0:20	1106	0:03	1:15 (7204)
	710 B-727-100	199	0:15	302	0:19	501	0:04	1:15 (7204)
	711 B-727-100C/QC	826	0:10	124	0:17	950	0:07	1:15 (7204)
	715 B-727-200	366	0:10	144	0:21	510	0:11	1:15 (7204)
	760 L-1011	104	0:09	315	0:08	419	-0:01	1:15 (7204)
	842 DC-8-20	16	0:08			16	1:15	1:15 (7204)
	851 DC-8-61	27	0:09			27	1:15	1:15 (7204)
	856 DC-8-63	6	0:06			6	1:15	1:15 (7204)
	TOTAL	2446	0:12	1766	0:16	4212	0:04	
NW	710 B-727-100	923	0:20	474	0:27	1397	0:07	1:15 (7204)
	715 B-727-200	77	0:17	6	0:37	83	0:20	1:15 (7204)
	733 DC10-40			91	0:24	91	1:15	1:15 (7204)
	809 B-707-300C			1	0:14	1	1:15	1:15 (7204)
	TOTAL	1000	0:19	572	0:26	1572	0:07	
	ROUTE SUMMARY	5423	0:15	3851	0:19	9274	0:04	

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

TABLE I-4-4

AIRBORNE DELAYS DURING 1973 AND 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT BDG ==&gt; DCA

AIRLINE	AIRCRAFT	1973		1974		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY			
AA	710 B-727-100	1353	0:04	1194	0:04	2547	-0:01	0:59 (7210)
	715 B-727-200	944	0:04	895	0:05	1839	0:00	0:59 (7210)
	802 B-707-100R			2	0:25	2		0:59 (7210)
	TOTAL	2297	0:04	2091	0:04	4388	-0:00	
AL	430 CV-580	1	0:08	4	0:22	5	0:14	1:30 (7204)
	605 B-11-200	76	0:12	263	0:08	339	-0:04	0:59 (7210)
	640 DC-9-30	48	0:07			48		0:59 (7210)
	TOTAL	125	0:10	267	0:09	392	-0:02	
DL	640 DC-9-30	572	0:02	240	0:03	812	0:01	0:59 (7210)
	710 B-727-100	456	0:01	55	0:01	511	0:00	0:59 (7210)
	715 B-727-200	1120	0:00	2198	0:02	3318	0:02	0:59 (7210)
	TOTAL	2148	0:01	2493	0:02	4641	0:01	
EA	550 L-188A-08/18RC	15	-0:02	17	0:02	32	0:04	1:30 (7204)
	630 DC-9-10	312	0:03	3	0:09	315	0:06	0:59 (7210)
	640 DC-9-30	1076	0:06	1127	0:07	2203	0:01	0:59 (7210)
	710 B-727-100	93	0:03	292	0:05	385	0:02	0:59 (7210)
	711 B-727-100C/QC	96	0:05	122	0:06	218	0:01	0:59 (7210)
	715 B-727-200	88	0:05	178	0:06	266	0:01	0:59 (7210)
	TOTAL	1680	0:05	1739	0:07	3419	0:01	
	ROUTE SUMMARY	6250	0:04	6590	0:04	12640	0:01	

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

TABLE I-4-5

AIRBORNE DELAYS DURING 1973 AND 1974  
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT BOS ==> EWR  
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	1973			1974			TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	Avg Air Delay	#FLIGHTS	Avg Air Delay					
DL	640 DC-9-30	218	0:03	369	0:04			587	0:01	0:40 (7210)
	710 B-727-100	249	0:02	1	0:10			250	0:09	0:40 (7210)
	715 B-727-200	361	0:06	173	0:05			534	-0:01	0:40 (7210)
	L=1011			55	0:07			55		0:40 (7210)
760		219	0:01					219		0:40 (7210)
825	CV-880			234	0:06			234		0:40 (7210)
851	DC-8-61									0:40 (7210)
TOTAL		1047	0:03	832	0:05			1879	0:02	
EA	550 L=188A-08/188C	1105	0:15	27	0:17	1132	0:02	0:40 (7212)		
	630 DC-9-10			194	0:08	194				0:40 (7210)
	640 DC-9-30	2713	0:06	885	0:08	3598	0:02			0:40 (7210)
	710 B-727-100	165	0:06	232	0:05	397	-0:01			0:40 (7210)
	711 B-727-100C/QC	73	0:07	148	0:06	221	-0:01			0:40 (7210)
	715 B-727-200	58	0:03	356	0:05	414	0:02			0:40 (7210)
	L=1011	13	0:06	406	0:06	419	-0:00			0:40 (7210)
760		1	0:01			1				0:40 (7210)
TOTAL		4128	0:08	2248	0:07	6576	-0:02			
NA	715 B-727-200	7	0:05			7				0:40 (7210)
TOTAL		7	0:05			7				
ROUTE SUMMARY		5182	0:07	3080	0:06	8262	-0:01			

====ALL TIMES ARE IN HOURS AND MINUTES=====