

APPENDIX 2B

ANNUAL RECORDS OF TRANSPORT

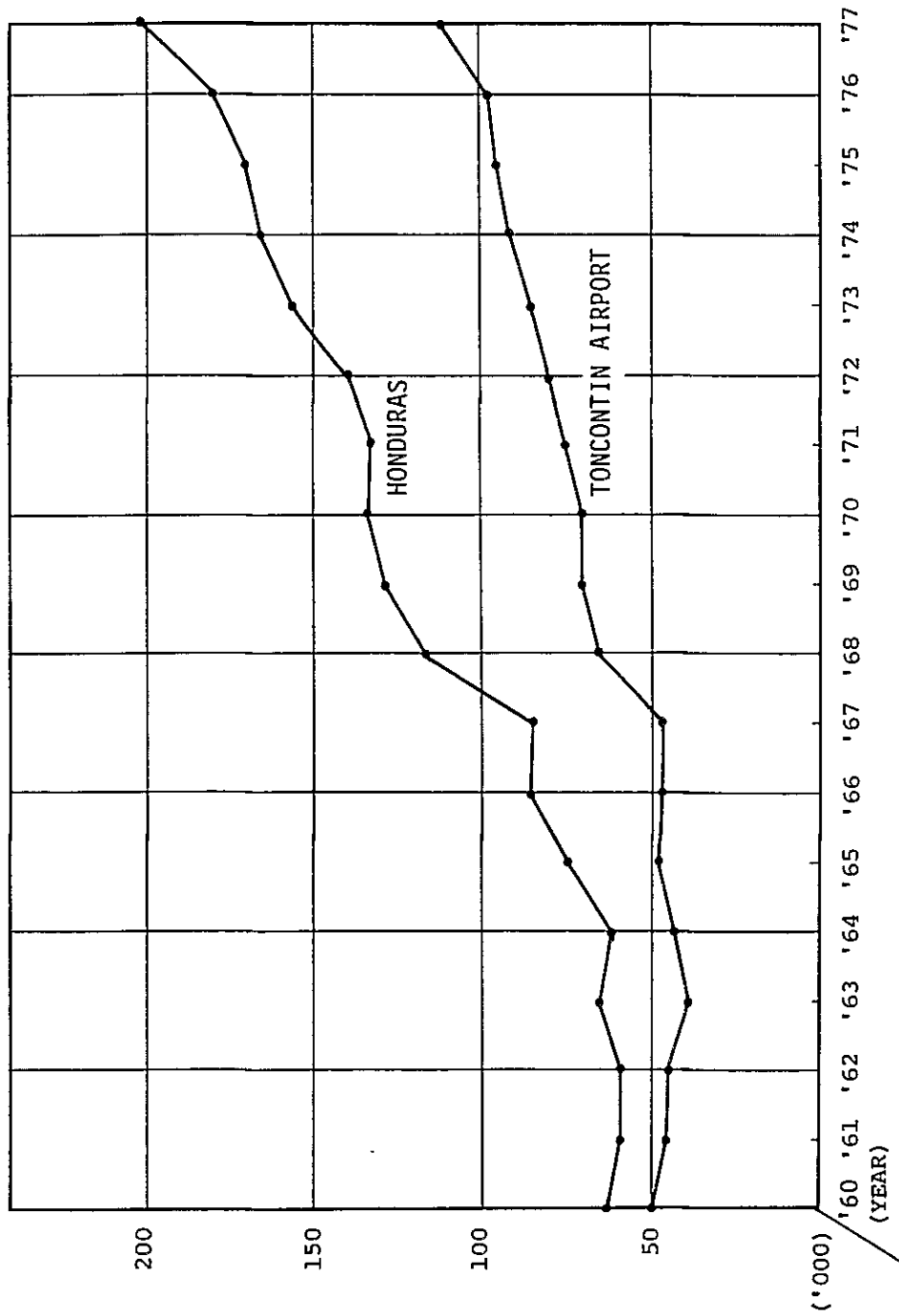


Fig. 2B-1 PAST DEVELOPMENT OF INTERNATIONAL EMBARKING & DISEMBARKING PASSENGER TRAFFIC IN THE REPUBLIC OF HONDURAS

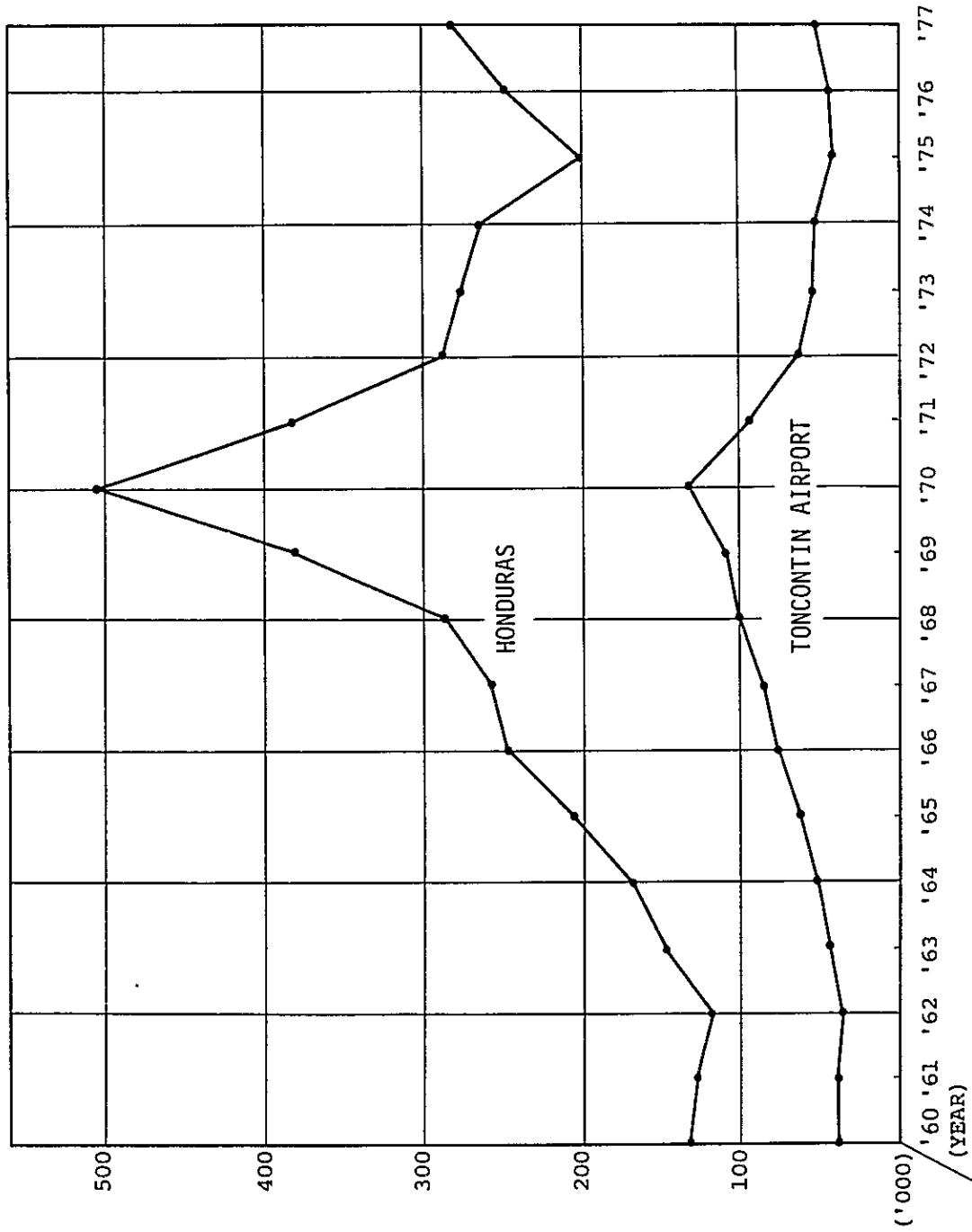


Fig. 2B-2 PAST DEVELOPMENT OF DOMESTIC EMBARKING & DISEMBARKING PASSENGER TRAFFIC IN THE REPUBLIC OF HONDURAS

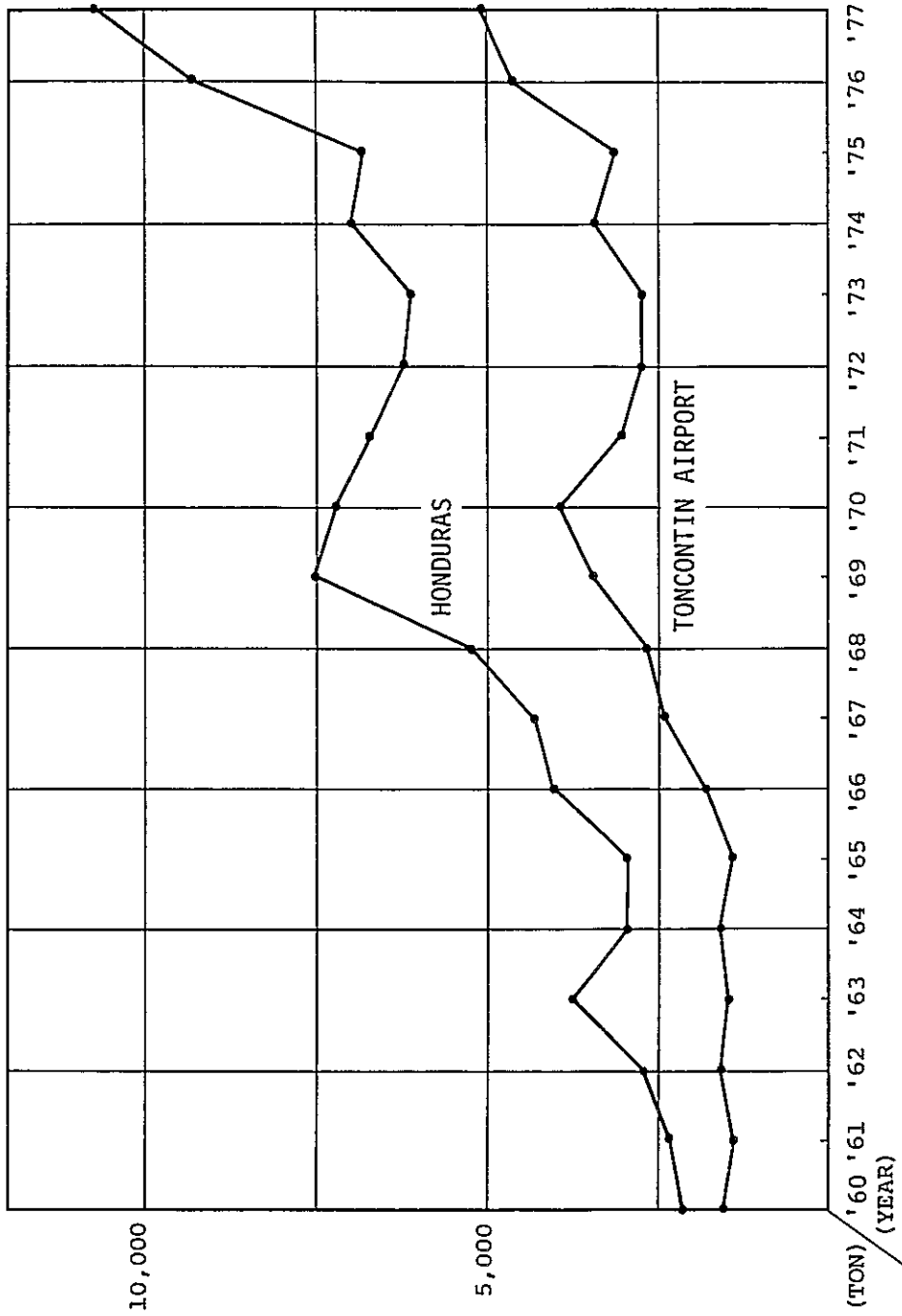


Fig. 2B-3 PAST DEVELOPMENT OF INTERNATIONAL LOADED & UNLOADED CARGO TRAFFIC IN THE REPUBLIC OF HONDURAS

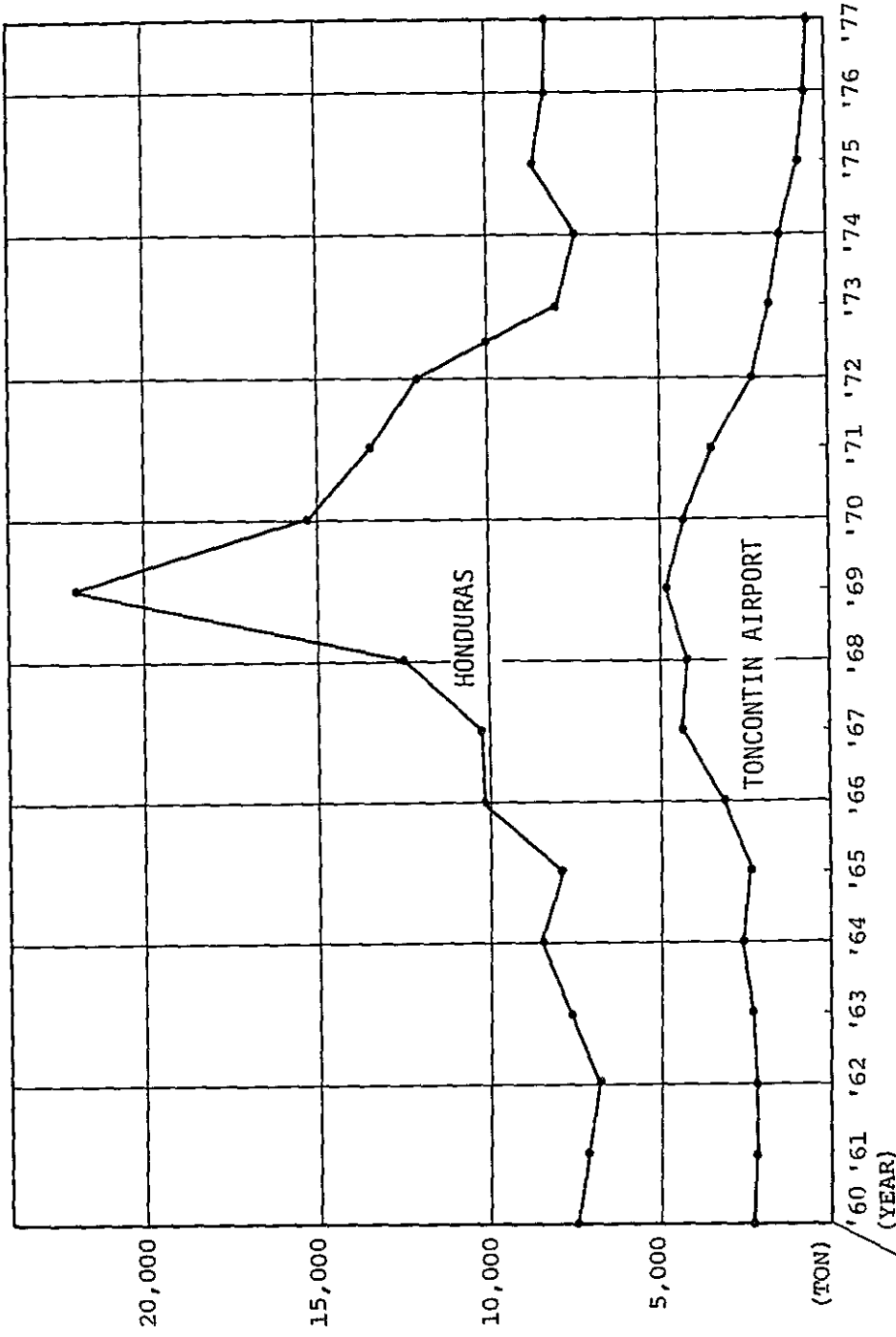


Fig. 2B-4 PAST DEVELOPMENT OF DOMESTIC LOADED & UNLOADED CARGO TRAFFIC IN THE REPUBLIC OF HONDURAS

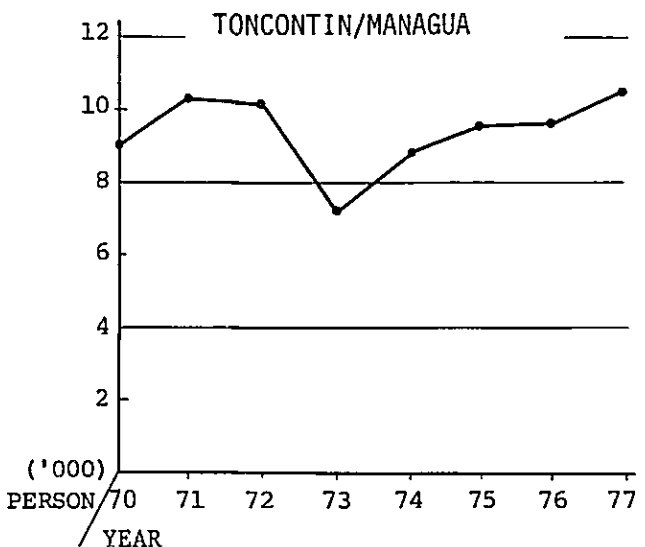
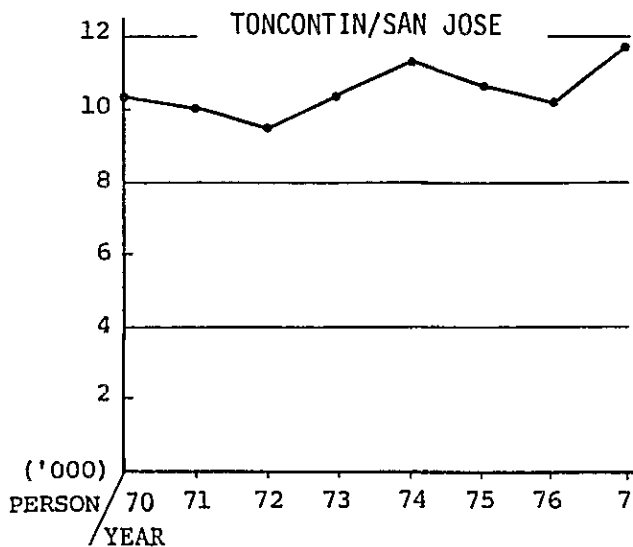
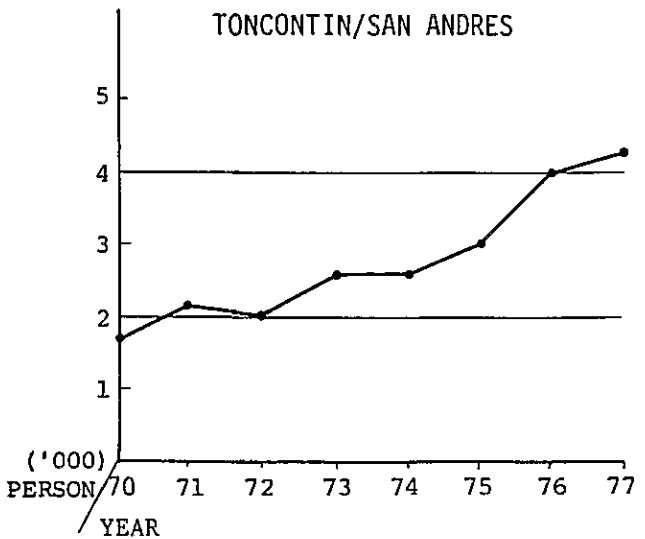
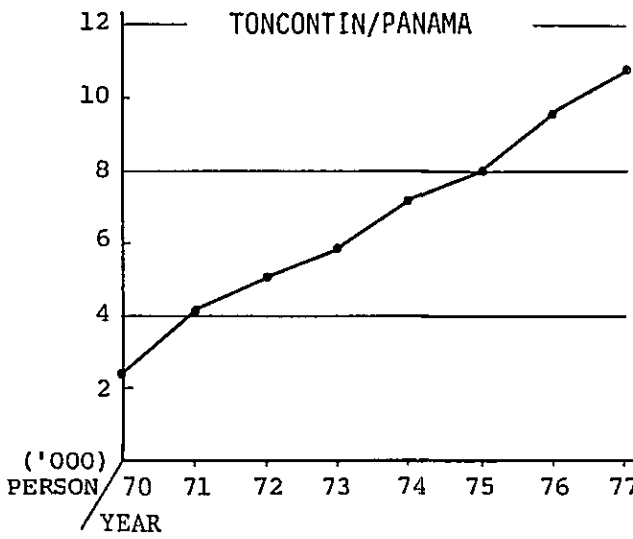
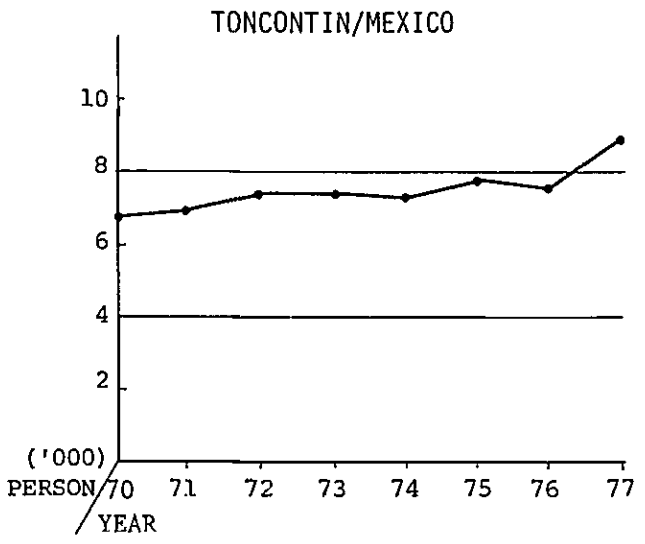
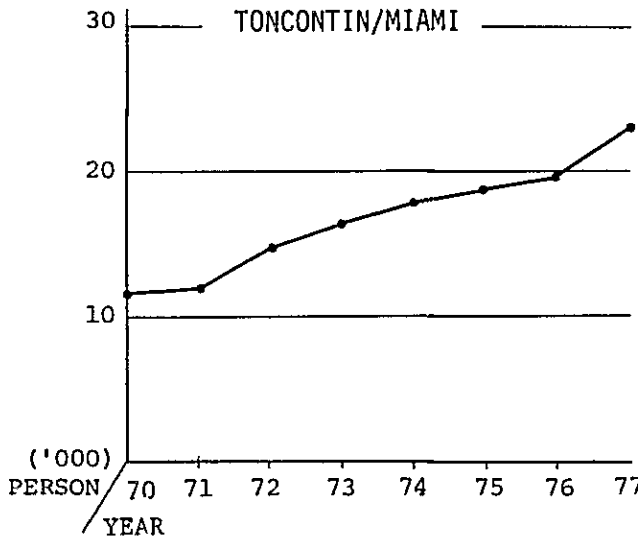


Fig 2B-5 (1) INTERNATIONAL EMBARKING & DISEMBARKING PASSENGERS BY ORIGIN/DESTINATION AT TONCONTIN AIRPORT [1970 - 1977]

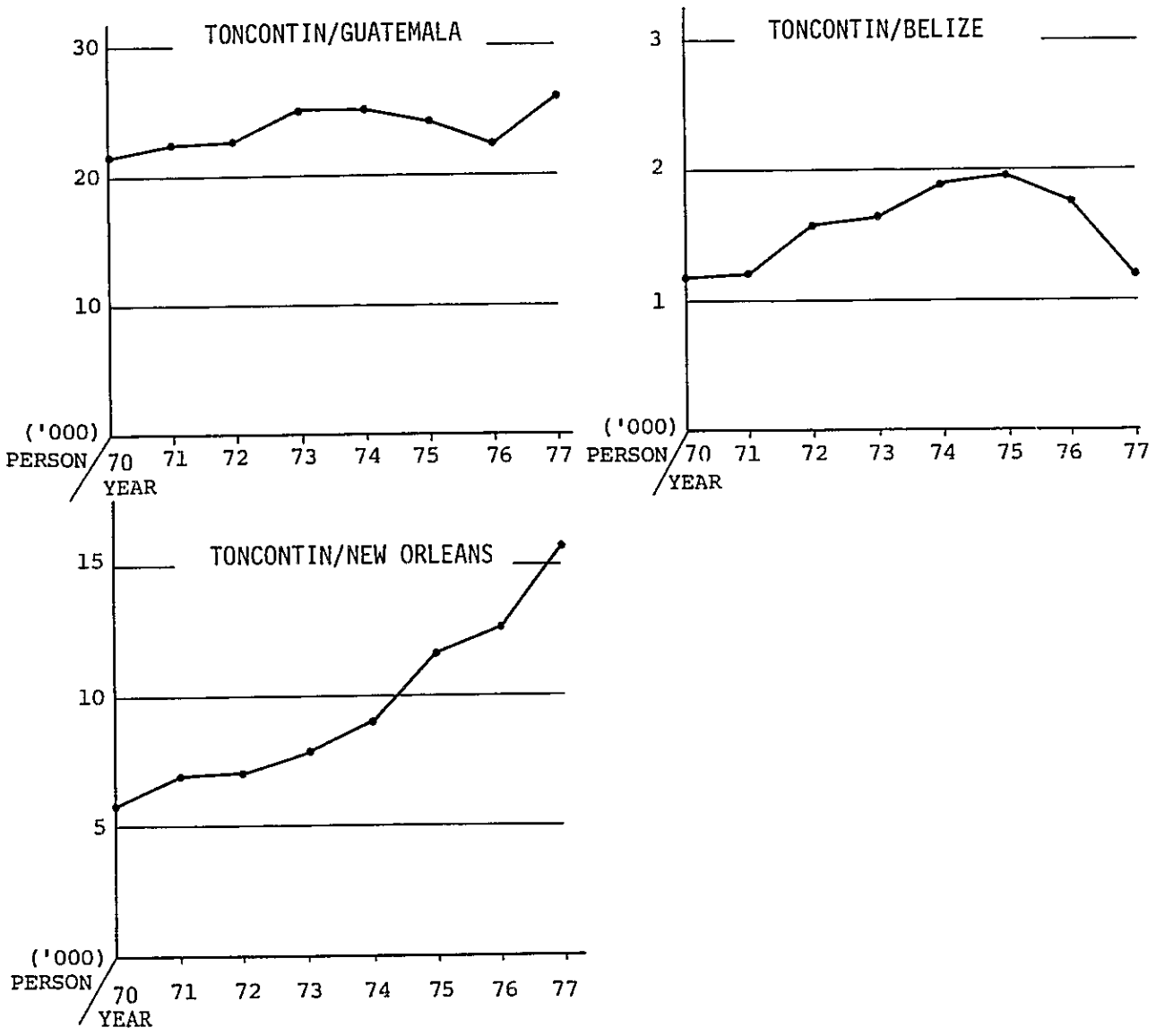


Fig. 2B-5 (2) INTERNATIONAL EMBARKING & DISEMBARKING PASSENGERS BY ORIGIN/DESTINATION AT TONCONTIN AIRPORT [1970 - 1977]

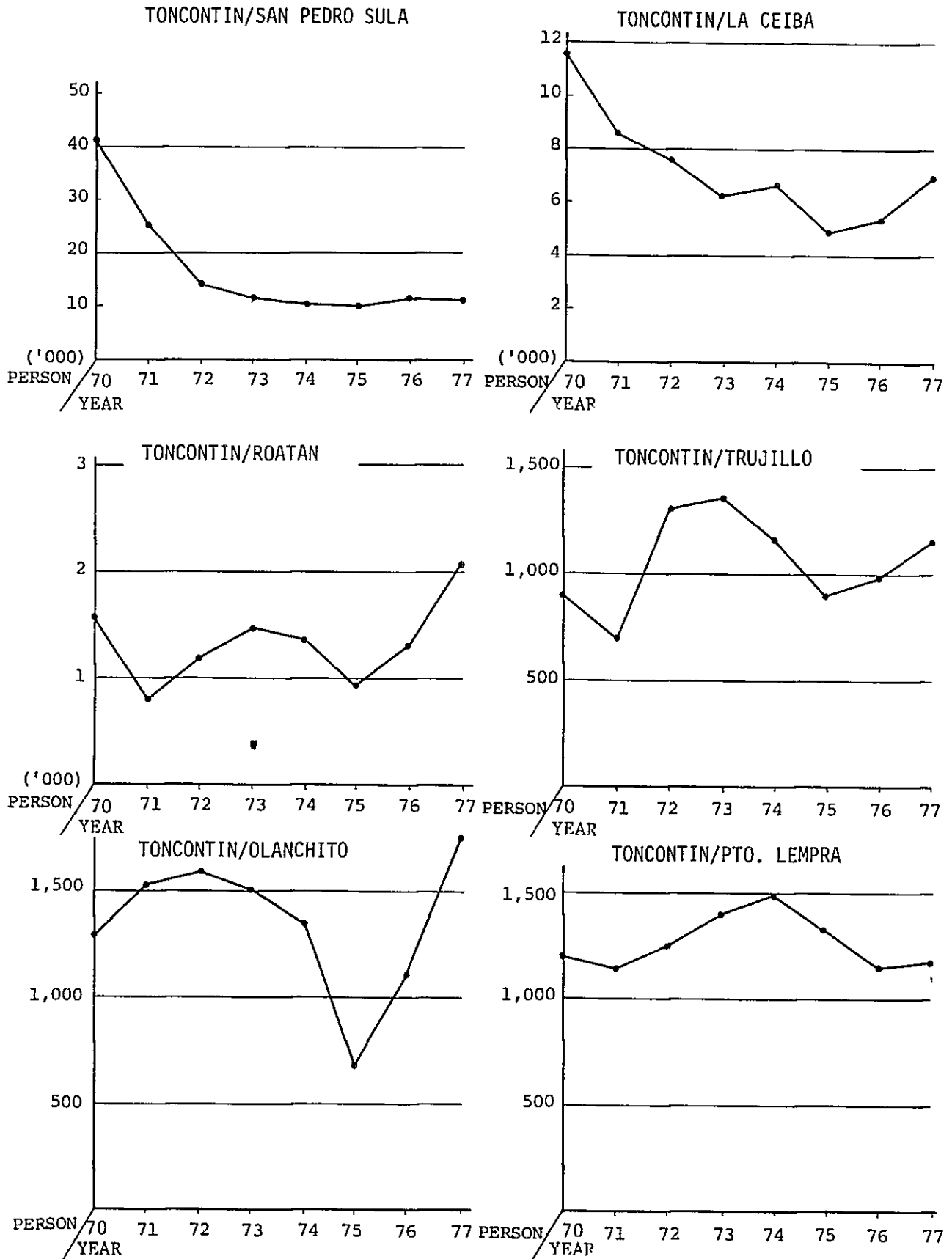


Fig. 2B-6 DOMESTIC EMBARKING & DISEMBARKING PASSENGERS BY ORIGIN/DESTINATION AT TONCONTIN AIRPORT [1970 - 1977]

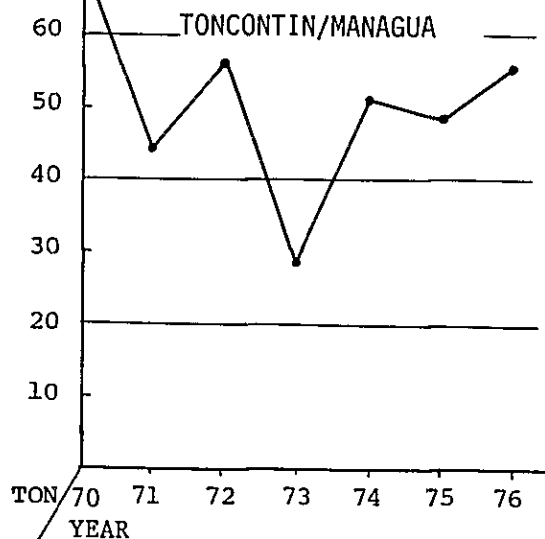
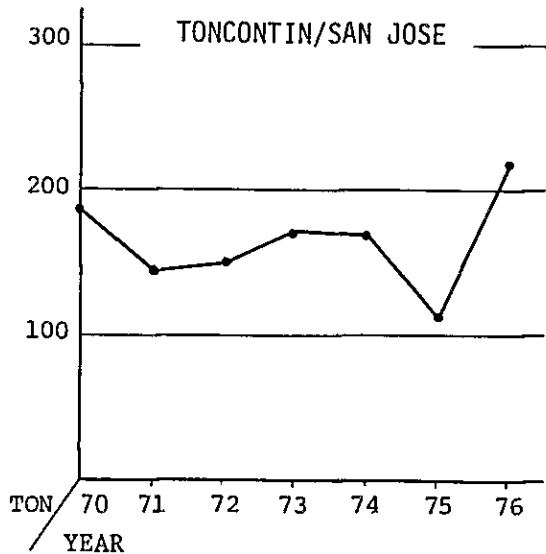
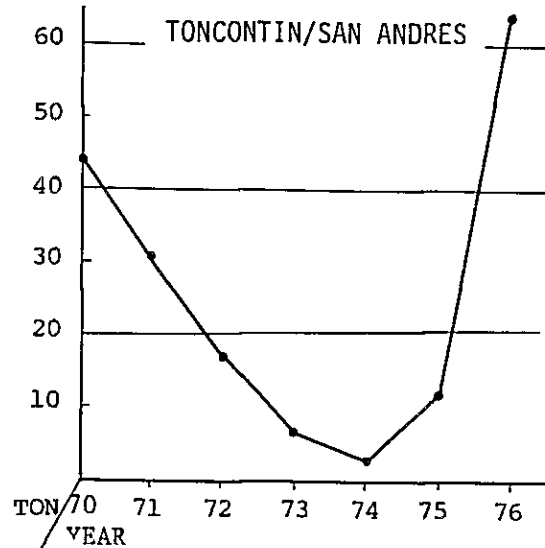
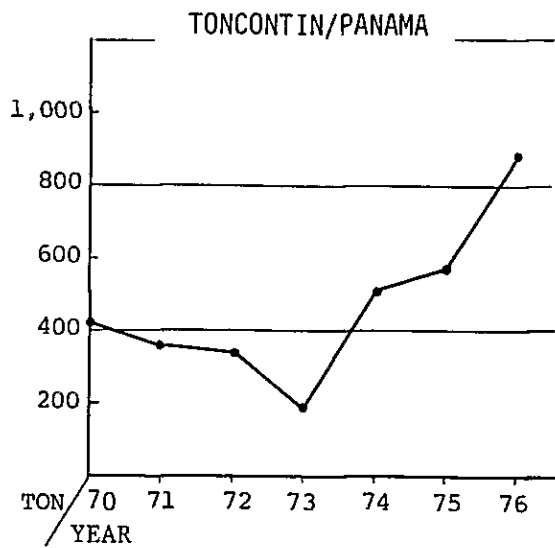
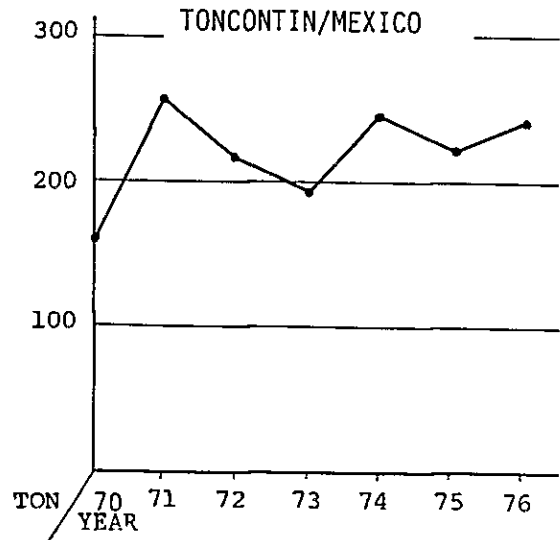
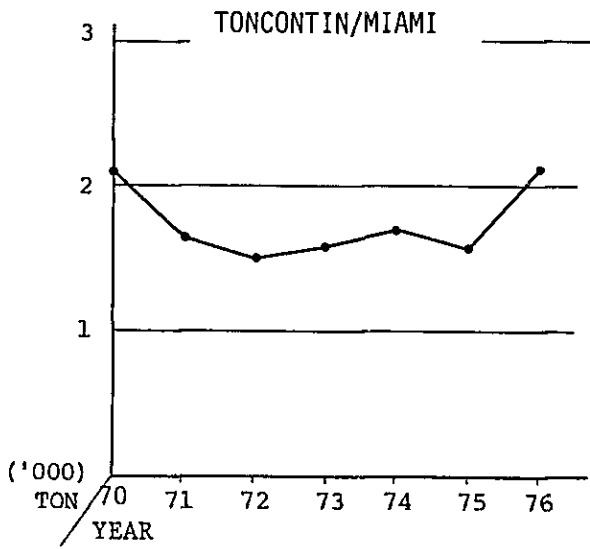


Fig. 2B-7 (1) INTERNATIONAL LOADED & UNLOADED CARGO BY ORIGIN/DESTINATION AT TONCONTIN AIRPORT [1970 - 1976]

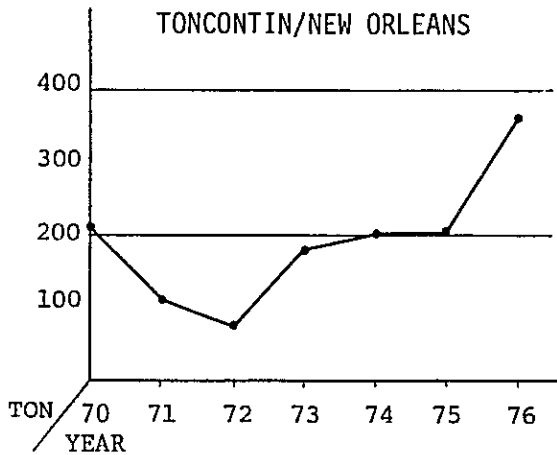
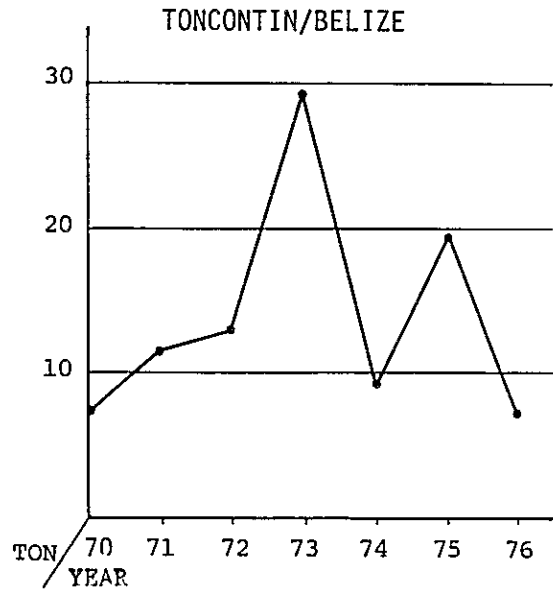
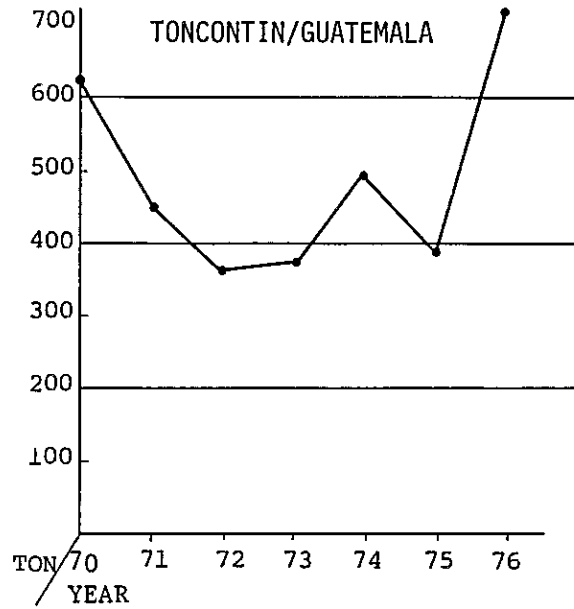


Fig. 2B-7 (2) INTERNATIONAL LOADED & UNLOADED CARGO BY ORIGIN/DESTINATION AT TONCONTIN AIRPORT [1970 - 1976]

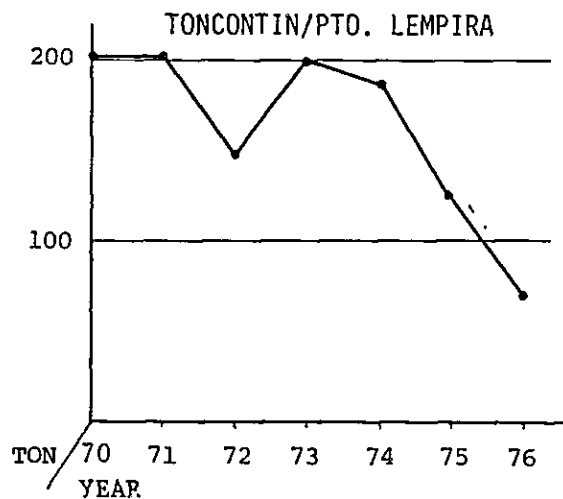
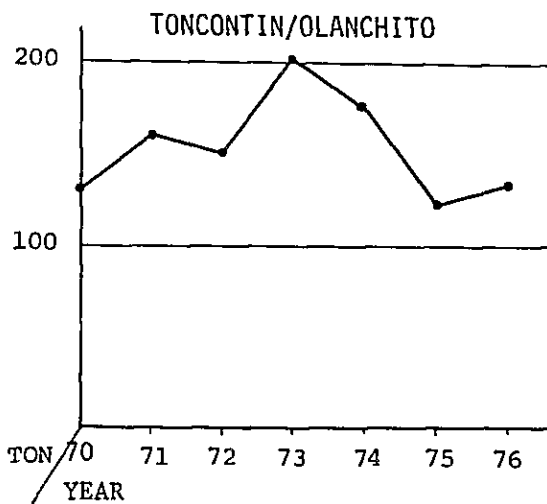
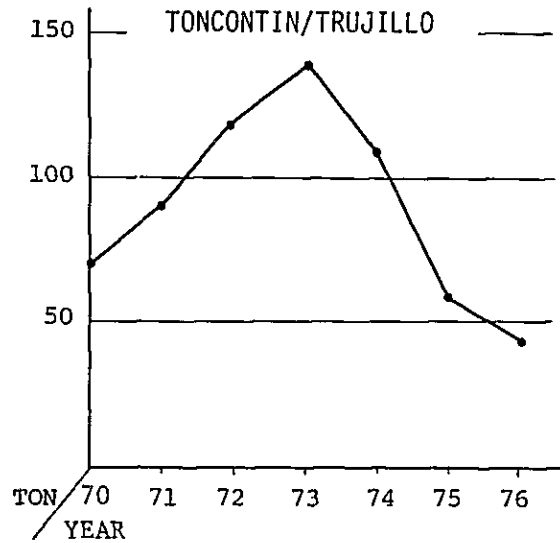
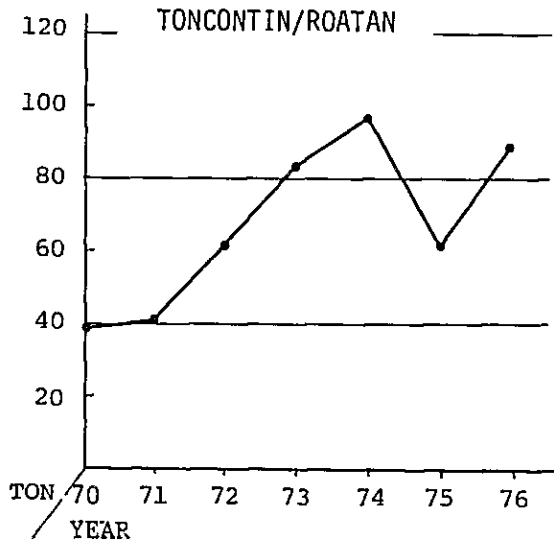
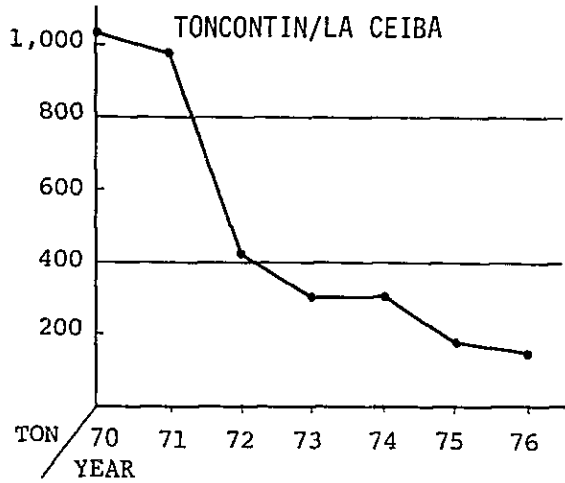
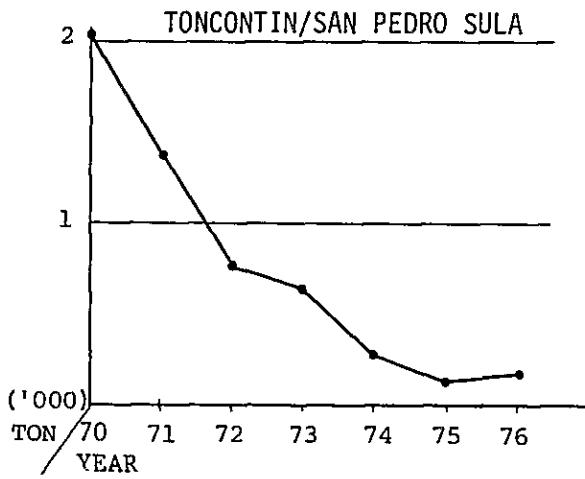


Fig. 2B-8 DOMESTIC LOADED & UNLOADED CARGO BY ORIGIN/DESTINATION AT TONCONTIN AIRPORT [1970 - 1976]

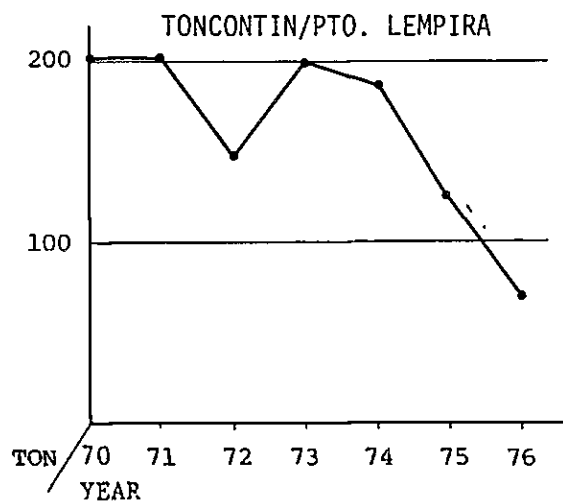
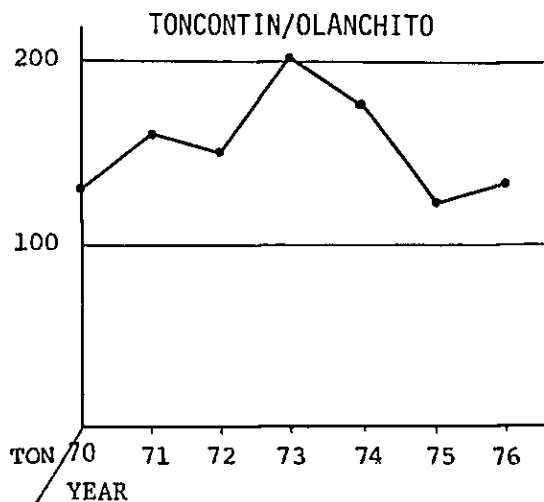
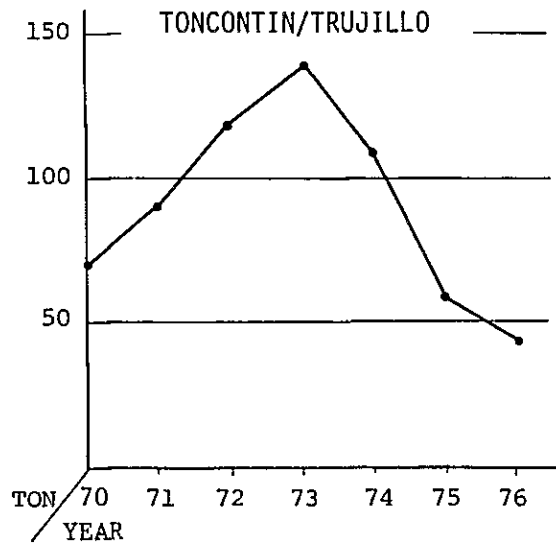
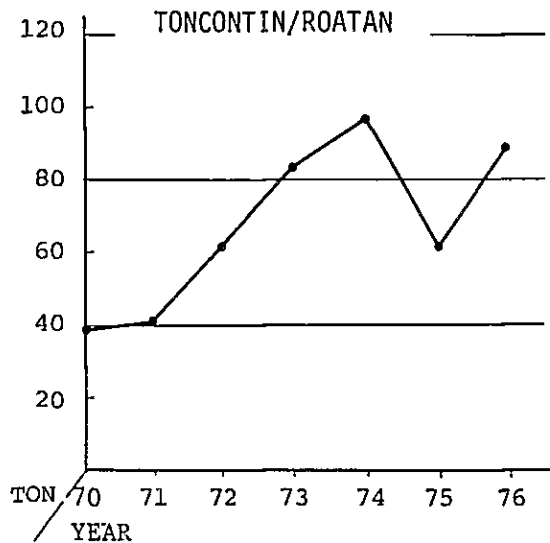
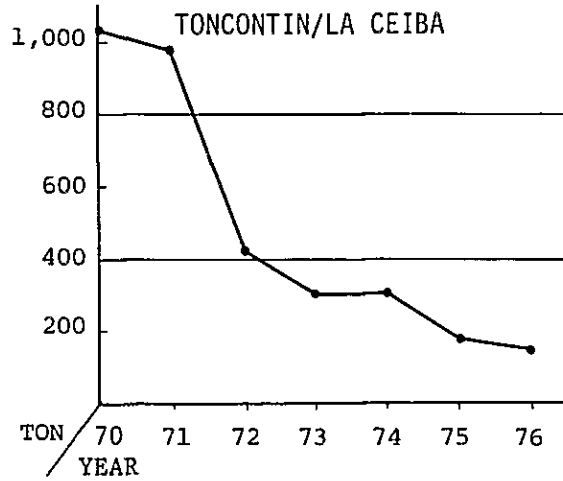
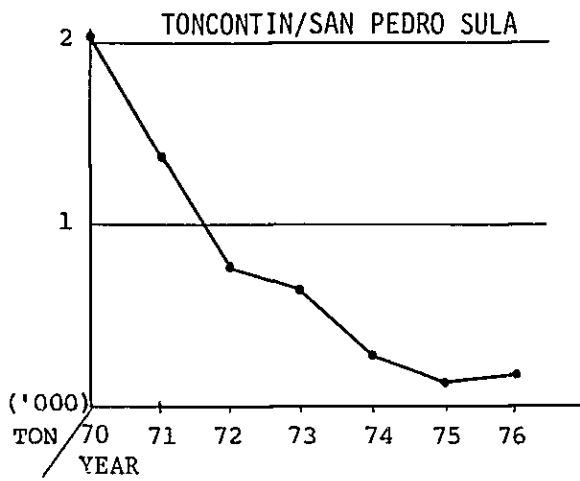


Fig. 2B-8 DOMESTIC LOADED & UNLOADED CARGO BY ORIGIN/DESTINATION AT TONCONTIN AIRPORT [1970 - 1976]

APPENDIX 3A

ILS OPERATIONAL REQUIREMENT

Appendix 3A ILS OPERATIONAL REQUIREMENTS

Operational requirements of ICAO by category of Instrument Landing System (ILS) are as follows:

Table 3A-1 ICAO ILS OPERATIONAL REQUIREMENTS BY CATEGORY

Category	Decision Height		Runway Visual Range	
	meter	(ft.)	meter	(ft.)
I	60	(200)	800	(2600)
II	30	(100)	400	(1200)
III	-	-	Below 200	(700)

The frequency of occurrence of below Cat-I operational minima at each meteorological observation point based on data obtained 24 times a day for a 12-month period are as follows:

Table 3A-2 PERCENTAGE OF OCCURRENCE OF WEATHER CONDITIONS BELOW CAT-I OPERATIONAL MINIMA

	Toncontin	Pedregal	Hule	Talanga
Average for 12-month period	0.7%	4.4%	11.5%	
Jan	0	12.1	5.0	
Feb	0	0.5	5.0	
Mar	0	1.6	3.5	0
Apr	0	1.9	14.6	0.15
May	0.7	0.9	6.1	0
Jun	3.1	4.3	14.7	0.15
Jul	0.7	7.7	13.2	
Aug	1.3	1.8	13.3	
Sep	0	0.5	16.7	
Oct	2.2	3.2	19.5	
Nov	0	11.3	13.4	
Dec	0	13.6	8.0	

Provision of ILS at airports regularly handling international jet flights is generally required by international airlines. ILS is often an economic necessity where its absence could result in excessive delays and diversions of traffic. As Tegucigalpa area is surrounded by mountains and is elevated high, it has low cloud height and poor visibility as shown in Table 3A-2 above.

Notwithstanding the fact that according to the ICAO recommendation as stipulated in the "Requirements of ILS at New Tegucigalpa International Airport, ANP 1977", ILS Category I operation with Category II ILS equipment and appropriate airfield lighting system are recommended, in this site selection study Category I equipment is selected for economic reasons, especially of cost-effectiveness considerations based on (1) expected number of flight movements and (2) costs of equipment, operation and maintenance.

APPENDIX 3B

AERONAUTICAL METEOROLOGICAL ANALYSIS

Appendix 3B AERONAUTICAL METEOROLOGICAL ANALYSIS

1. Observation Data Obtained

1) Source

Dirección General de Aeronautica Civil, Servicio Meteorologico Nacional

2) Observation Points, Period, Time and Interruption

i) Toncontin (Existing Airport Site) - Elev. 1000m

January to December, 1976 (12 months)
Hourly observation (24 times a day)
No interruption of observation

ii) El Pedregal - Elev. 1500m

January to December, 1976 (12 months)
Hourly observation (24 times a day)
Interruption 23%

iii) Cerro de Hule - Elev. 1500m

a) January, 1962 (1 month)
Hourly observation (12 times a day)
No interruption of observation

b) February, 1962 to January, 1963 (12 months)
Hourly observation (24 times a day)
Interruption %

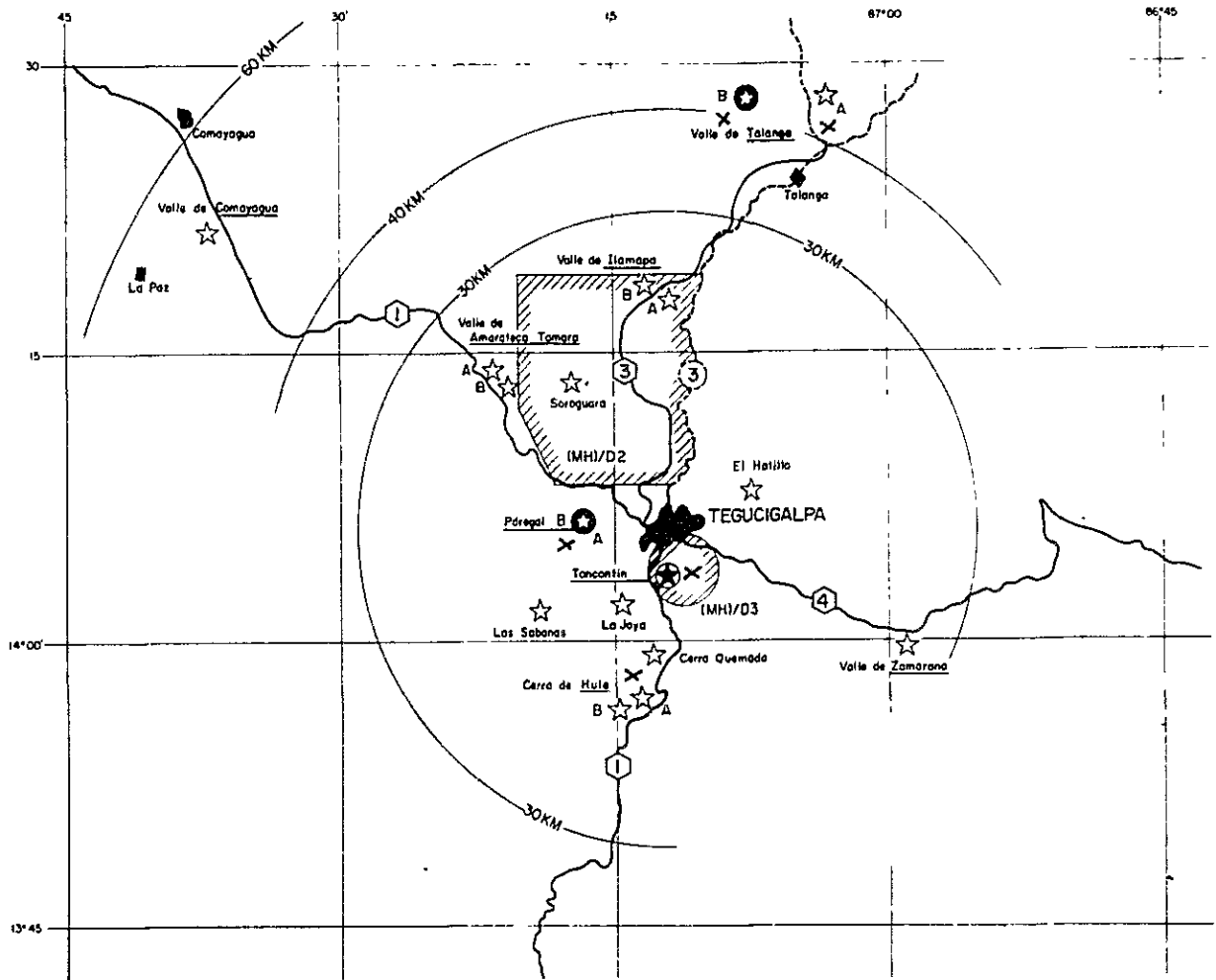
c) April to December, 1970 (9 months)
Hourly observation (12 times a day)
Interruption 24%

iv) Talanga - La Ermita - Elev. 760m

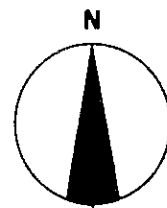
March, 1978 to present
Hourly observation (24 times a day)
No interruption of observation

v) Talanga - El Espino - Elev. 760m

April, 1978 to present
Anemocinemograph recording (24 hours a day)
No interruption of observation



✱ Weather observation point



0 10 20 25 KM
SCALE

Fig. 3B-1 LOCATION OF WEATHER OBSERVATION POINTS

2. Results of Analysis

1) Toncontin

i) Prevailing wind direction : N to NNE

ii) Frequency of occurrence of calm wind:

39% of the total number of observations

25% of the number of daytime observations only

iii) Annual frequency of occurrence of weather conditions below weather minimum (ceiling/visibility):

	<u>Below 200ft - 800m</u>	<u>Below 1200ft - 2800m (Operating minima for the existing runway)</u>
Out of the total number of observations	0.7%	17%
Out of the number of daytime observations only	0.8%	21%

iv) Wind coverage

Maximum cross-wind component :

	<u>10kts</u>	<u>15kts</u>
RWY 01/19	95.2%	99.8%
RWY 06/24	89.5%	99.3%
RWY 13/31	85.3%	98.7%

2) El Pedregal

i) Prevailing wind direction : N to NNE

ii) Frequency of occurrence of calm wind:

52% Whole year

44% Dry season

58% Wet season

iii) Frequency of occurrence of weather conditions below weather minimum (ceiling/visibility, 24 hours):

	<u>Below 200ft - 800m</u>	<u>Below 200ft - 1200m</u>
Whole year	4%	7%
Dry season	4%	6%
Wet season	4%	7%

iv) Wind coverage

Not less than 99% for any direction under the maximum cross-wind component of 15kts.

3) Cerro de Hule

i) Prevailing wind direction : N

ii) Frequency of occurrence of calm wind:

32% Whole year

27% Dry season

35% Wet season

- iii) Frequency of occurrence of weather conditions below weather minimum (ceiling/visibility, 24 hours):

	<u>Below 200ft - 800m</u>	<u>Below 200ft - 1200m</u>
Whole year	12%	12%
Dry season	7%	7%
Wet season	15%	15%

- iv) Wind coverage:

	<u>Max. cross-wind component</u>	
	<u>10kts</u>	<u>15kts</u>
RWY 04/22		
Whole year	74.8%	93.1%
Dry season	73.1%	92.0%
Wet season	75.9%	94.4%
RWY 18/36		
Whole year	97.3%	99.7%
Dry season	97.0%	99.7%
Wet season	97.5%	99.6%

- v) Other findings:

During January, 1962, wind of over 30kts was observed, with frequency of occurrence of 57%.

- 4) Valle de Talanga

- i) Prevailing wind direction : E

ii) Frequency of occurrence of calm wind:

More than 50%

iii) Frequency of occurrence of weather conditions below weather minimum (Ceiling 200ft, Visibility 800m)

No more than 1%

Table 3B-1 SUMMARY (1)

Observation Point	Year	D.S	W.S.	Dry Season (D.S.)					Wet Season (W.S.)				
				Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

a) Prevailing Wind Direction

Toncontin 12 hrs 24 hrs	N, NNE	N, NNE	N	NNE	NNE	NNE	NW	N, NE	NW	NW	NW	NW	NW	NW	NW	N	NNE
	N, NNE	N	NNE	NNE	NNE	NNE	NW	N	NW	NW	NW	NW	N	NW	NW	N	NNE
Pedregal	N	N	N, NNE	NE	N	N	N	N	N	N	N	N	NNE	NNE	N	N	N
Hule 1962*1 1970	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Talanga La Ermita El Espino							E	E	E	E	E	E	E	E	E		

*1 March to December only

b) Frequency of Occurrence of Calm Wind

(%)

Toncontin 12 hrs 24 hrs	25.4	24.6	26.3	18.4	15.1	14.1	29.0	32.3	38.2	51.8	15.6	21.1	26.2	26.8	16.7
	39.0	34.4	43.7	30.9	23.3	24.0	40.1	40.6	47.0	63.1	34.7	41.7	46.3	44.8	31.5
Pedregal	51.9	44.4	58.3	32.5	22.4	28.2	43.5	51.3	68.8	83.6	38.6	51.4	64.1	60.1	48.4
Hule 1962*1 1970	31.6	27.4	35.2	11.5	13.6	24.6	46.3	31.5	25.9	58.8	7.1	36.7	52.4	43.1	13.8
Talanga La Ermita El Espino							66.1	56.6	59.7	62.2					
								54.9	45.1	52.5					

*1 March to December only

Table 3B-1 SUMMARY (2)

Observation Point	Year	D.S.	W.S.	Frequency of Occurrence of Wind Velocity More Than 20 kts (%)											
				Dry Season (D.S.)						Wet Season (W.S.)					
				Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov

C) Frequency of Occurrence of Wind Velocity More Than 20 kts (%)

Toncontin 12 hrs	0.36	0.50	0.21	0.25	1.49	1.06	0.25	0	0	0	0	0.25	0.26	0	0.77
24 hrs	0.33	0.52	0.14	0.40	0.81	0.57	1.07	0.14	0.13	0.14	0	0.13	0.14	0	0.42
Pedregal	0.09	0.19	0	0	0.40	1.00	0	0	0	0	0	0	0	0	0
Hule 1962*2	6.85	8.36	5.56	17.69	*1 75.53	12.63	6.33	7.50	0.94	0.42	5.91	3.36	0.28	0.95	22.79
1970	13.58	20.53	9.09												
Talanga La Ermita El Espino															

*1 12 hrs. 1962 only

*2 March to December, 1970

Table 3B-1 SUMMARY (3)

Observation Point	Year	D.S.	W.S.	Dry Season (D.S.)			Wet Season (W.S.)				
				Dec	Jan	Feb	Mar	Apr	May	Jun	Jul

d) Frequency of Occurrence of Ceiling/Visibility Minimum (%)

Toncontin (12hrs) 200ft - 800m *1 1200ft - 2800m	0.76	0.08	1.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20.55	12.99	24.30	34.99	17.87	9.28	1.99	5.90	7.69	36.15	22.58	15.14	13.85	29.53	26.92				
(24hrs) 200ft - 800m 1200ft - 2800m	0.74	0.11	1.25	0	0	0	0	0	0.67	3.14	0.68	1.34	0	2.15	0				
	17.06	12.48	21.65	33.91	18.01	7.89	1.47	4.43	8.74	34.67	19.35	9.66	11.20	31.95	23.19				
Pedregal 200ft - 800m 200ft - 1200m	4.38	4.34	4.34	13.61	12.10	0.50	1.59	1.87	0.94	4.28	7.69	1.82	0.46	3.23	11.29				
	6.70	6.32	7.10	24.17	14.48	0.75	2.07	2.43	1.75	8.22	9.74	3.33	1.98	7.22	15.21				
Hule (1962) 200ft - 800m 200ft - 1200m	11.46	7.14	15.11	8.97	12.20*2		3.50	14.58	6.05	14.71	13.17	13.31	16.67	19.50	13.36				
	11.71	7.28	15.46	8.97	5.03	5.02	3.50	14.72	6.32	15.13	13.31	13.31	16.81	19.86	14.35				
(1970)*3 200ft - 800m 200ft - 1200m	13.63	9.67	16.01																
	14.54	10.55	16.50																
Talanga - La Ermita 200ft - 800m 200ft - 1200m																			
							0	0.15	0	0.15									
							0	0.58	1.11	0.15									

*1 Existing Runway Operation Minimum

*2 12hrs, 1962 only

*3 March to December only

Table 3B-1 SUMMARY (4)

e) Wind Coverage (%)

Observation Point	RWY	Cross Wind Components of									
		10kts			15kts						
		Year	Dry Season	Wet Season	Year	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season	Wet Season
Toncontin	12hrs	01/19	91.6 x	91.2 x	92.2 x	99.7	99.6	99.8	99.8	99.6	99.8
		06/24	84.6 x	82.8 x	85.4 x	98.9	98.6	99.3	99.3	98.6	99.3
	24hrs	13/31	79.8 x	75.5 x	83.6 x	98.0	97.3	99.2	99.2	97.3	99.2
		01/19	95.2	94.6	95.4	99.8	99.8	99.9	99.9	99.8	99.9
		06/24	89.5 x	88.7 x	90.7 x	99.3	99.0	99.5	99.5	99.0	99.5
		13/31	85.3 x	82.0x	89.0 x	98.7	97.9	99.8	99.8	97.9	99.8
Pedregal	24hrs	99.6	100.0	99.7	99.99	99.4	99.97	99.97	99.4	99.97	
	24hrs	04/22	74.8 x	73.1 x	75.9 x	93.1 x	92.0 x	94.4 x	94.4 x	92.0 x	94.4 x
Talanga *1 La Ermita		24hrs	18/36	97.3	97.0	97.5	99.7	99.7	99.6	99.7	99.6
	17/35			90.1 x	87.1 x		98.2	94.5 x	98.2	94.5 x	
	24hrs	10/28		96.7	97.9		99.5	99.5	99.5	99.5	
		17/35		88.9 x	86.3 x		99.7	99.4	99.7	99.4	
El Espino *2	24hrs	10/28		98.2	99.5		99.9	100.0	99.9	100.0	

Notes to Observation Period: *1 March to June, 1978 *2 April to June, 1978

Mark x indicates wind coverage less than 95%

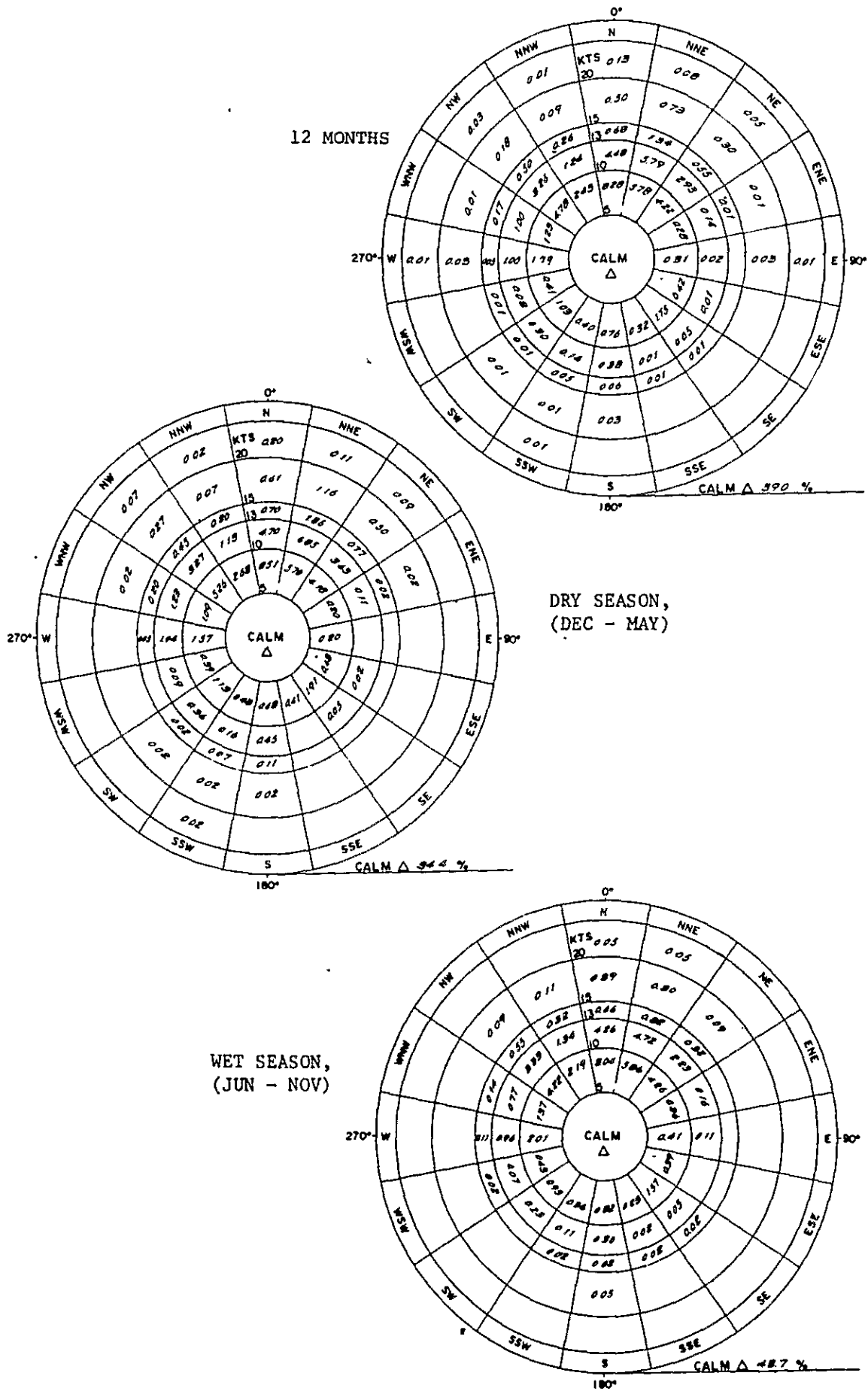


Fig. 3B-2 (a) TONCONTIN WIND ROSE, 1976

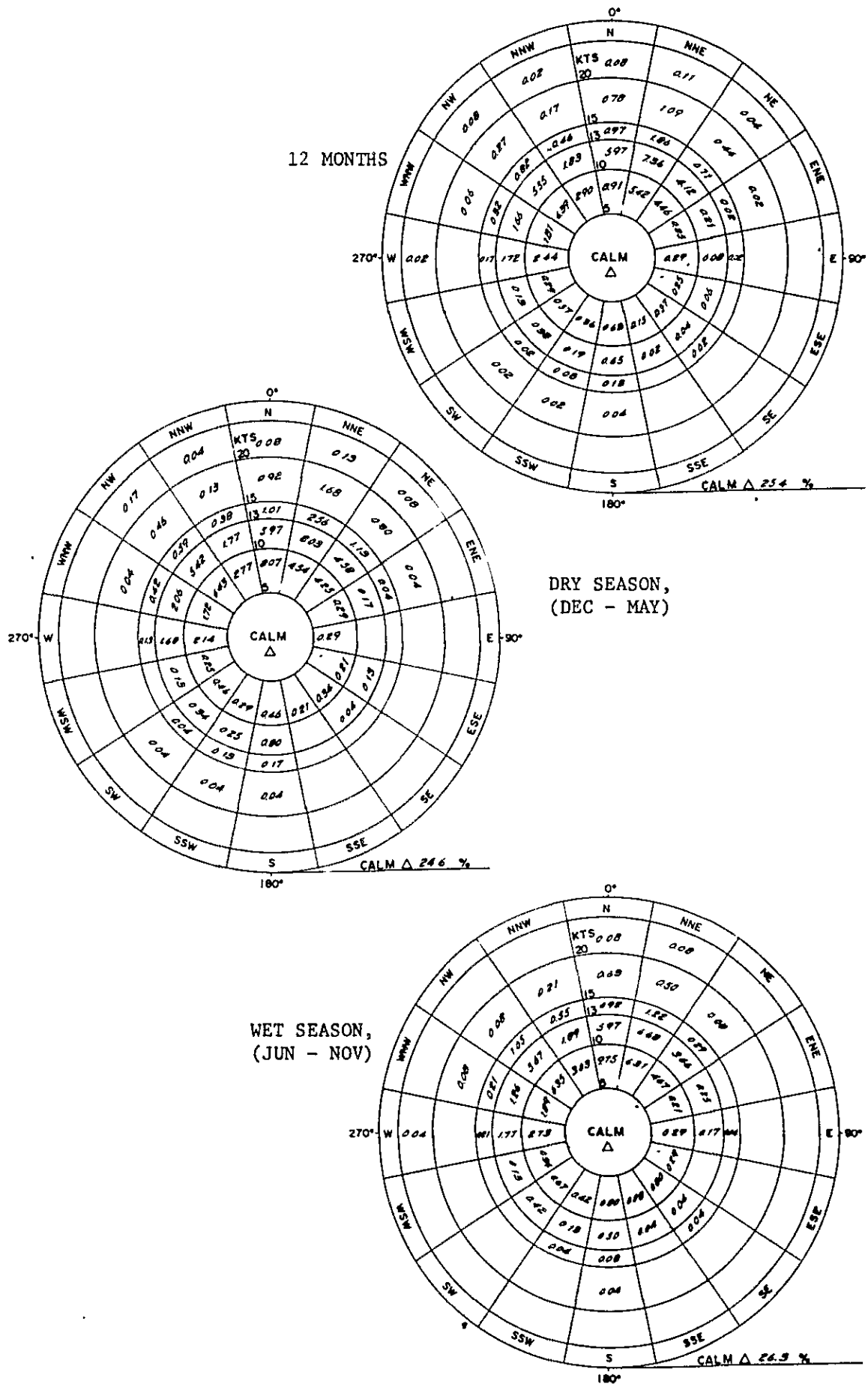


Fig. 3B-2 (b) TONCONTIN-DAYTIME WIND ROSE, 1976

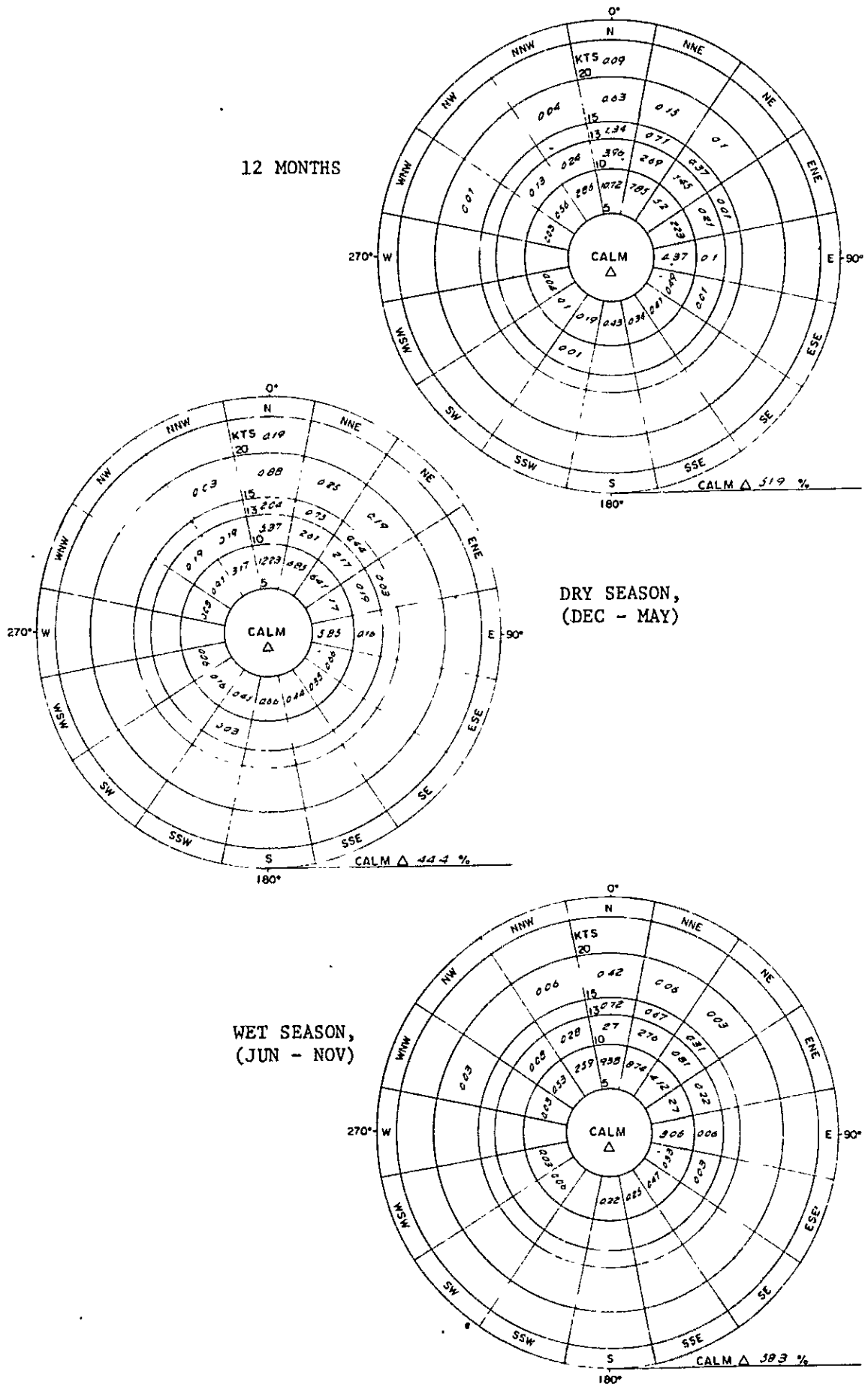


Fig. 3B-3 PEDREGAL WIND ROSE, 1976

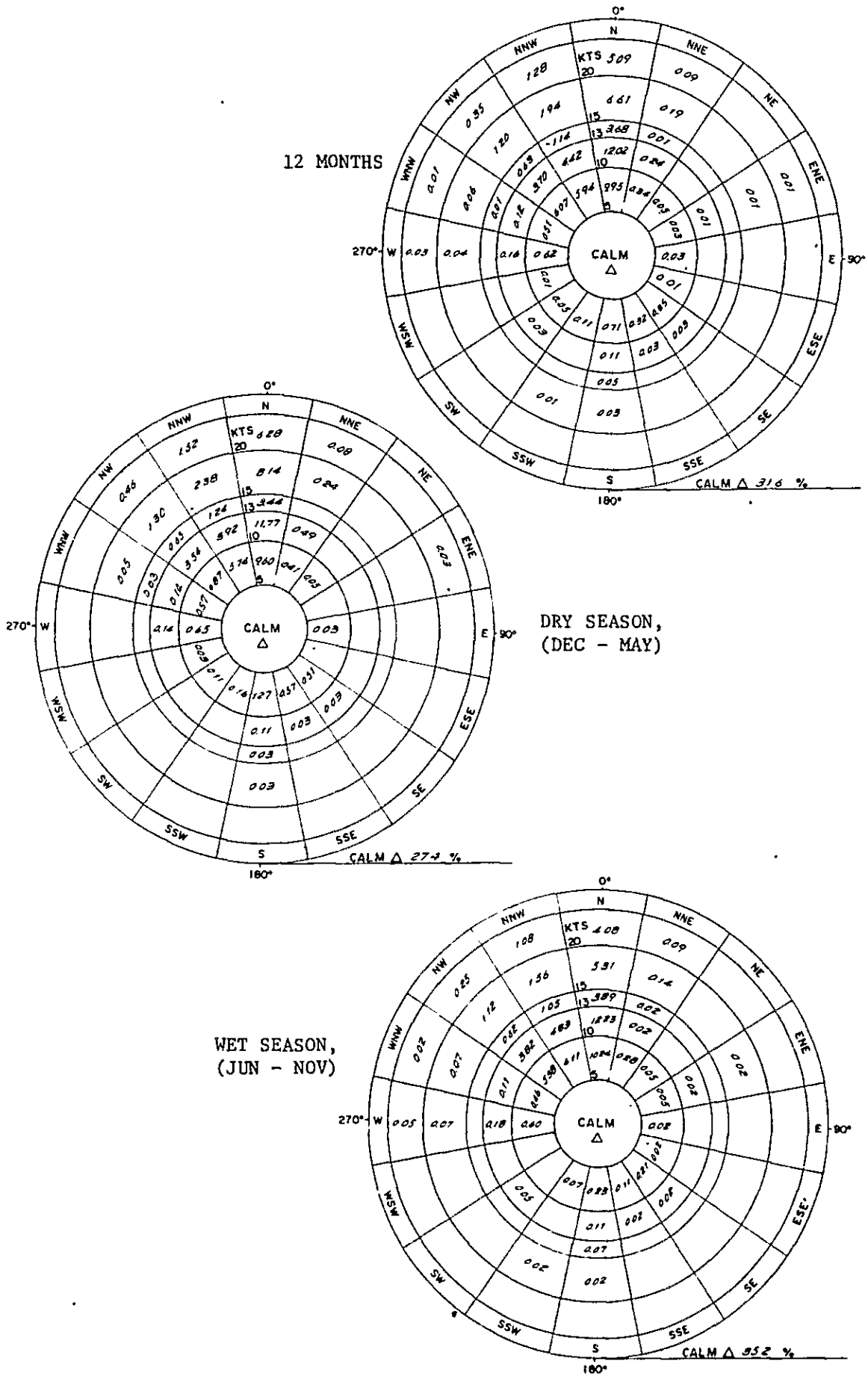


Fig. 3B-4 HULE WIND ROSE, 1962 - 1963

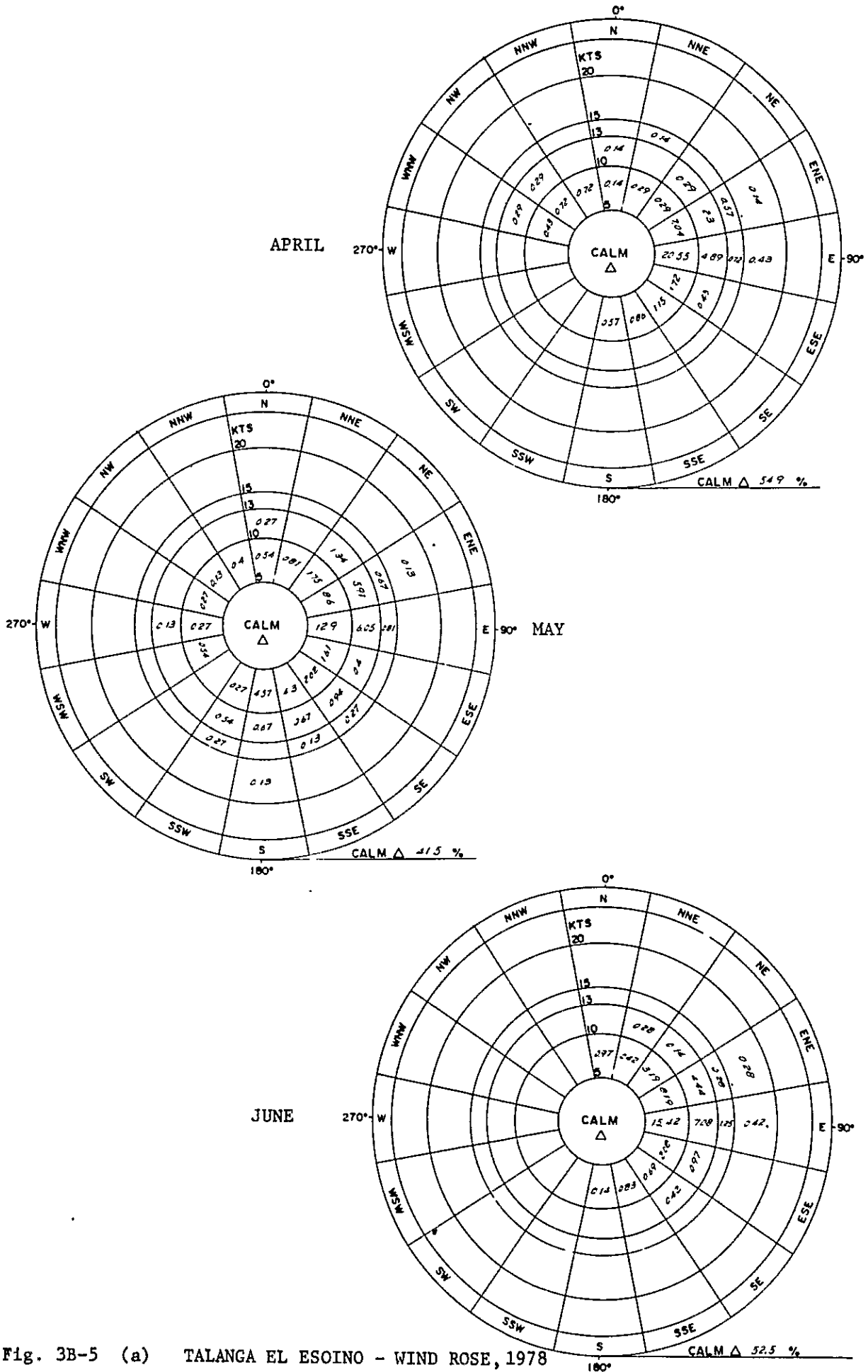
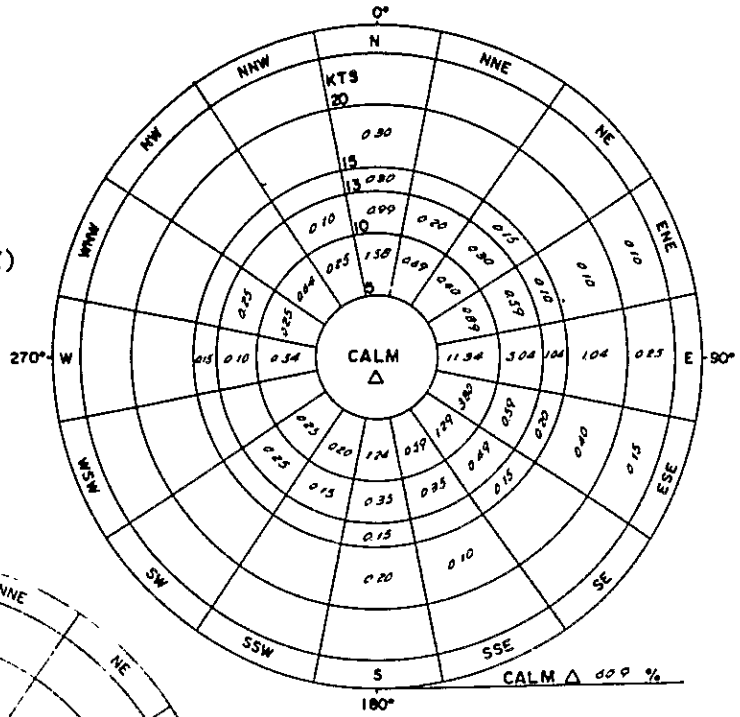


Fig. 3B-5 (a) TALANGA EL ESINO - WIND ROSE, 1978

DRY SEASON
(MAR. APR. MAY ONLY)



WET SEASON
(JUNE ONLY)

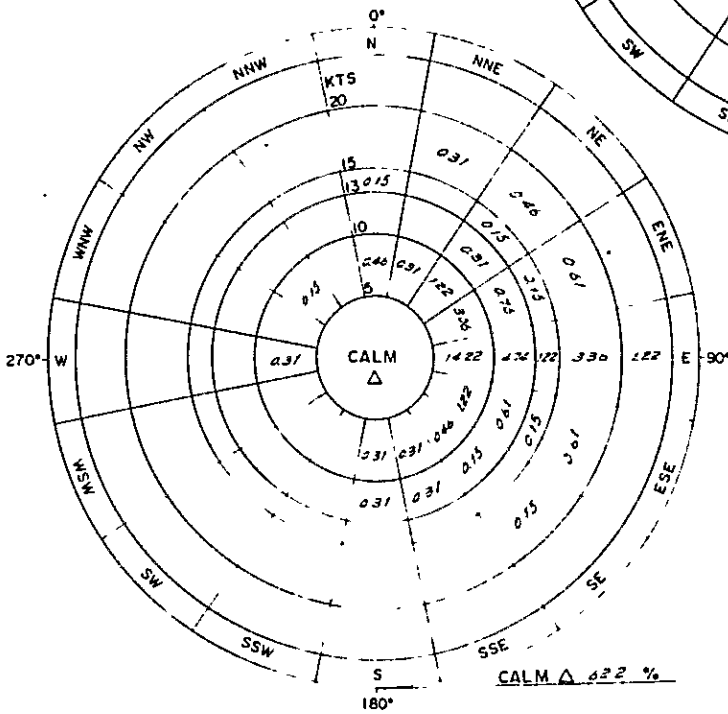


Fig. 3B-5 (6) TALANGA LA ERMITA - WIND ROSE, 1978

STATION TONCONTIN 12 MONTHS YEAR 1976

CEILING (meter)	VISIBILITY (meter)	100 or less	12 MONTHS																	YEAR 1976			
			100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600-2,000	2,000-3,000	3,000-5,000	6,000 or more	TOTAL	%
Unknown																							
50 or less											1									2	5	8	0.09
50 ~ 100										6								3	3	7	32	51	0.58
100 ~ 200									2	2							11	16	35	214	280	318	
200 ~ 300						1				5							7	19	30	835	897	1020	
300 ~ 600										3							2	3	13	403	424	482	
600 ~ 1,000						2	1		1	4	1					1	10	17	36	3315	3388	3852	
1,000 ~ 1,500																	1	3	9	781	794	903	
1,500 ~ 2,000																							
2,000 ~ 2,500																							
2,500 or more																	1				27	28	0.32
Cloud layer 4/8 or less						2											2	3	13	2005	2925	3326	
TOTAL						5	1		3	21	1					1	37	64	143	8517	8795		
%						0.06	0.01		0.03	0.24	0.01					0.01	0.42	0.73	1.65	98.84			

STATION TONCONTIN DRY SEASON, (DEC - MAY) YEAR 1976

CEILING (meter)	VISIBILITY (meter)	100 or less	DRY SEASON, (DEC - MAY)																	YEAR 1976			
			100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600-2,000	2,000-3,000	3,000-5,000	6,000 or more	TOTAL	%
Unknown																							
50 or less																							
50 ~ 100																				2	3	5	0.11
100 ~ 200																	2	3	13	47	65	147	
200 ~ 300						1				4							1	5	5	338	354	803	
300 ~ 600										1							2	2	3	188	196	445	
600 ~ 1,000						1	1		1	2							4	9	19	1325	1362	3091	
1,000 ~ 1,500																			1	5	397	403	914
1,500 ~ 2,000																							
2,000 ~ 2,500																							
2,500 or more																	1				6	7	0.16
Cloud layer 4/8 or less						2											1	3	11	1998	2015	4572	
TOTAL						4	1		1	7							11	23	58	4302	4407		
%						0.09	0.02		0.02	0.16							0.25	0.52	1.32	97.62			

STATION TONCONTIN WET SEASON, (JUN - NOV) YEAR 1976

CEILING (meter)	VISIBILITY (meter)	100 or less	WET SEASON, (JUN - NOV)																	YEAR 1976			
			100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600-2,000	2,000-3,000	3,000-5,000	6,000 or more	TOTAL	%
Unknown																							
50 or less											1									2	5	8	0.18
50 ~ 100										6							3	3	5	29	46	105	
100 ~ 200																				2	2		
200 ~ 300											2						9	13	22	147	215	490	
300 ~ 600										1							6	14	25	497	543	1237	
600 ~ 1,000											2								1	10	215	228	520
1,000 ~ 1,500						1				2	1					1	8	8	17	1990	2026	4617	
1,500 ~ 2,000																							
2,000 ~ 2,500																							
2,500 or more																	1	2	4	384	391	891	
Cloud layer 4/8 or less																					21	21	0.48
TOTAL																	1	2	907	910	2076		
%										1		2				1	26	41	87	4215	4388		
						0.02			0.05	0.02	0.02					0.02	0.59	0.93	1.98	96.06			

Table 3B-2 (a) TONCONTIN-CEILING/VISIBILITY 1976

STATION TONCONTIN-DAYTIME 12 MONTHS YEAR 1976

CEILING	VISIBILITY	100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600	2,000	3,000	6,000	TOTAL	%		
(meter)	(meter)	or less															2,000	3,000	5,000	or more				
Cloud layer 5/8 or more	Unknown																							
	50 or less																							
	50 ~ 100										6						3	1	4	21	35	074		
	100 ~ 200																							
	200 ~ 300								1		2													
	300 ~ 600									5														
	600 ~ 1,000										1													
	1,000 ~ 1,500						1					4												
	1,500 ~ 2,000																1	7	14	18	1834	1879	3949	
2,000 ~ 2,500																								
2,500 or more																						5	5	011
Cloud layer 4/8 or less							1																	
TOTAL						2			1		18					1	23	49	83	4381	4758			
%						004			002		038					002	048	103	174	9528				

DRY SEASON,
(DEC - MAY) YEAR 1976

STATION TONCONTIN-DAYTIME

CEILING	VISIBILITY	100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600	2,000	3,000	6,000	TOTAL	%			
(meter)	(meter)	or less															2,000	3,000	5,000	or more					
Cloud layer 5/8 or more	Unknown																								
	50 or less																								
	50 ~ 100																								
	100 ~ 200																								
	200 ~ 300										4														
	300 ~ 600										1														
	600 ~ 1,000						1					2													
	1,000 ~ 1,500																								
	1,500 ~ 2,000																								
2,000 ~ 2,500																									
2,500 or more																							5	5	021
Cloud layer 4/8 or less							1																		
TOTAL						2				7															
%						008				029															

WET SEASON,
(JUN - NOV) YEAR 1976

STATION TONCONTIN-DAYTIME

CEILING	VISIBILITY	100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600	2,000	3,000	6,000	TOTAL	%	
(meter)	(meter)	or less															2,000	3,000	5,000	or more			
Cloud layer 5/8 or more	Unknown																						
	50 or less																						
	50 ~ 100										6												
	100 ~ 200																						
	200 ~ 300									1	2												
	300 ~ 600										1												
	600 ~ 1,000											2											
	1,000 ~ 1,500																						
	1,500 ~ 2,000																						
2,000 ~ 2,500																							
2,500 or more																							
Cloud layer 4/8 or less																							
TOTAL									1		11					1	16	27	51	2272	2379		
%									004		046					004	067	118	214	9130			

Table 3B-2 (a) TONCONTIN-DAYTIME CEILING/VISIBILITY 1976

STATION PEDREGAL 12 MONTHS YEAR 1976

Table with columns: CEILING (feet), VISIBILITY (meters/ft), and counts for visibility levels (1 to 160 or more). Rows include categories like 50 or less, 100, 200, etc., and summary rows for TOTAL and %.

DRY SEASON, (DEC - MAY) YEAR 1976

Table with columns: CEILING (feet), VISIBILITY (meters/ft), and counts for visibility levels (1 to 160 or more). Rows include categories like 50 or less, 100, 200, etc., and summary rows for TOTAL and %.

WET SEASON, (JUN - NOV) YEAR 1976

Table with columns: CEILING (feet), VISIBILITY (meters/ft), and counts for visibility levels (1 to 160 or more). Rows include categories like 50 or less, 100, 200, etc., and summary rows for TOTAL and %.

Table 3B-3 PEDREGAL-CEILING/VISIBILITY 1976

12 MONTHS
YEAR 1962, 1963

STATION		HULE																TOTAL		%							
CEILING (meter)	VISIBILITY (meter)	100 or less	100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600 or more	2,000	3,000	6,000 or more	TOTAL	%				
		Unknown	4				1													1					7	18	02
50 or less	239			1	79					12								69	3	39	160	621	27				
50 ~ 100	9		2		1		1			3								2	1	12	19	51	06				
100 ~ 200	34		2		48					4								41	1	74	346	552	69				
200 ~ 300	35		1	1	23					1										3	37	229	849	43			
300 ~ 600	4				9															3	10	166	192	24			
600 ~ 1,000	33				20					3		1									27	54	2177	2315	287		
1,000 ~ 1,500	6				6																2	12	929	954	118		
1,500 ~ 2,000																							1	1	-		
2,000 ~ 2,500	1																										
2,500 or more	8				2					1														21	22	43	
Cloud layer 4/8 or less	4				2					4	2	3	1											31	2849	2905	560
TOTAL	396		6	1	191	1				28	2	4	1	4				1	8		31	2849	2905	560			
%	49		01	-	24	-				04	-	01	-	01				-	-	02	01	34	86.8				

DRY SEASON,
(DEC - MAY)

YEAR 1962, 1963

STATION		HULE																TOTAL		%								
CEILING (meter)	VISIBILITY (meter)	100 or less	100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600 or more	2,000	3,000	6,000 or more	TOTAL	%					
		Unknown						1													1					4	6	02
50 or less	39			1		48				1									16		5	35	165	45				
50 ~ 100	5									2									2	1	3	12	26	07				
100 ~ 200	13			2		12				2											10	16	123	179	48			
200 ~ 300	2			1		8															1	2	60	77	21			
300 ~ 600						7																						
600 ~ 1,000	1					6																4	87	99	27			
1,000 ~ 1,500	2					2																6	75	632	670	181		
1,500 ~ 2,000																						1	1	354	360	97		
2,000 ~ 2,500																												
2,500 or more	6									1															37	47	13	
Cloud layer 4/8 or less	3					2				2															4	2055	2067	559
TOTAL	91		4		86					8					4				42	2	60	3899	3496					
%	23		01		23					02					01				11	01	16	920						

WET SEASON,
(JUN - NOV)

YEAR 1962

STATION		HULE																TOTAL		%									
CEILING (meter)	VISIBILITY (meter)	100 or less	100	200	300	400	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600 or more	2,000	3,000	6,000 or more	TOTAL	%						
		Unknown	4																							5	7	02	
50 or less	199					31				11									53	3	34	185	456	104					
50 ~ 100	4		2			1	1			1												9	7	25	06				
100 ~ 200	21					36				2												31	59	223	573	85			
200 ~ 300	33				1	15				1												1	17	33	149	272	62		
300 ~ 600	4					2																							
600 ~ 1,000	32					14				3		1													29	1545	1645	377	
1,000 ~ 1,500	4					4																			11	374	392	136	
1,500 ~ 2,000																									1	1	-		
2,000 ~ 2,500	1																												
2,500 or more	2					2																				21	22	05	
Cloud layer 4/8 or less	1									2	2	3	1													27	794	838	122
TOTAL	305		2	1	165	1				20	2	4	1						2	2	134	3	212	3373	4367				
%	70		-	-	24	-				05	-	01	-						-	-	31	01	49	81.8					

Table 3B-4 HULE-CEILING/VISIBILITY 1962 - 1963

STATION LA ERMITA		MARCH																YEAR 1978											
CEILING (feet)	VISIBILITY (meters/100)	1 or less	1	2	4	6	8	10	12	14	16	20	24	28	32	36	40	48	64	80	90	112	160	240 or more	TOTAL	%			
	50 or less																												
100	50 or less																									0			
200	100																										0		
300	200																										0		
400	300																										0		
500	400																										0		
600	500																										0		
700	600																										0		
800	700																										0		
900	800																										0		
1,000	900																										0		
1,100	1,000																										0		
1,200	1,100																										0		
1,300 ~ 1,500	1,200																										0		
1,600 ~ 2,000	1,300 ~ 1,500																									11	12	17	
2,100 ~ 3,000	1,600 ~ 2,000																									98	100	141	
3,100 ~ 5,000	2,100 ~ 3,000																									168	168	236	
5,100 ~ 10,000	3,100 ~ 5,000																									17	20	28	
10,000 or more	5,100 ~ 10,000																									47	51	72	
Cloud layer 4/8 or less	10,000 or more																									358	360	506	
TOTAL	Cloud layer 4/8 or less																									699	711		
%	TOTAL																									98.3			
	%																									01			

STATION LA ERMITA		APRIL																YEAR 1978												
CEILING (feet)	VISIBILITY (meters/100)	1 or less	1	2	4	6	8	10	12	14	16	20	24	28	32	36	40	48	64	80	90	112	160	240 or more	TOTAL	%				
	50 or less																													
100	50 or less																													
200	100																													
300	200																													
400	300																													
500	400																													
600	500																													
700	600																													
800	700																													
900	800																													
1,000	900																													
1,100	1,000																													
1,200	1,100																													
1,300 ~ 1,500	1,200																													
1,600 ~ 2,000	1,300 ~ 1,500																									4	4	06		
2,100 ~ 3,000	1,600 ~ 2,000																									66	100	146		
3,100 ~ 5,000	2,100 ~ 3,000																									93	141	206		
5,100 ~ 10,000	3,100 ~ 5,000																									3	8	12		
10,000 or more	5,100 ~ 10,000																									63	129	181		
Cloud layer 4/8 or less	10,000 or more																									227	308	450		
TOTAL	Cloud layer 4/8 or less																									436	685			
%	TOTAL																									02				
	%																									04				

STATION LA ERMITA		MAY																YEAR 1978													
CEILING (feet)	VISIBILITY (meters/100)	1 or less	1	2	4	6	8	10	12	14	16	20	24	28	32	36	40	48	64	80	90	112	160	240 or more	TOTAL	%					
	50 or less																														
100	50 or less																														
200	100																														
300	200																														
400	300																														
500	400																														
600	500																														
700	600																														
800	700																														
900	800																														
1,000	900																														
1,100	1,000																														
1,200	1,100																														
1,300 ~ 1,500	1,200																														
1,600 ~ 2,000	1,300 ~ 1,500																														
2,100 ~ 3,000	1,600 ~ 2,000																														
3,100 ~ 5,000	2,100 ~ 3,000																														
5,100 ~ 10,000	3,100 ~ 5,000																														
10,000 or more	5,100 ~ 10,000																														
Cloud layer 4/8 or less	10,000 or more																														
TOTAL	Cloud layer 4/8 or less																										460	628			
%	TOTAL																									73.3					
	%																									02					

Table 3B-5 (a) TALANGA LA ERMITA-CEILING/VISIBILITY 1978

STATION		LA ERMITA																JUNE										YEAR		1978	
CEILING (feet)	VISIBILITY (meters)(ft)	1 or less	1	2	4	6	8	10	12	14	16	20	24	28	32	36	40	48	64	80	90	112	160	200 or more	TOTAL	%					
Cloud layer 5/8 or more	50 or less																														
	100																														
	200																														
	300																														
	400																														
	500																														
	600																														
	700																														
	800																														
	900																														
	1,000																														
	1,100																														
	1,200																														
	1,300 ~ 1,500																														
	1,600 ~ 2,000				/																					14	17	260			
2,100 ~ 3,000												/						1	5	1	7	10			219	244	3737				
3,100 ~ 5,000																										35	36	550			
5,100 ~ 10,000																										48	52	795			
10,000 or more																										115	118	1804			
Cloud layer 4/8 or less																										182	187	2859			
TOTAL				/								/						2	9	1	16	13			671	654					
%				0.15								0.15						0.31	1.38	0.15	2.45	1.99			9.34						

Table 3B-5(b) TALANGA LA ERMITA-CEILING/VISIBILITY 1978

APPENDIX 3C

DRAWINGS OF SITES SCREENING

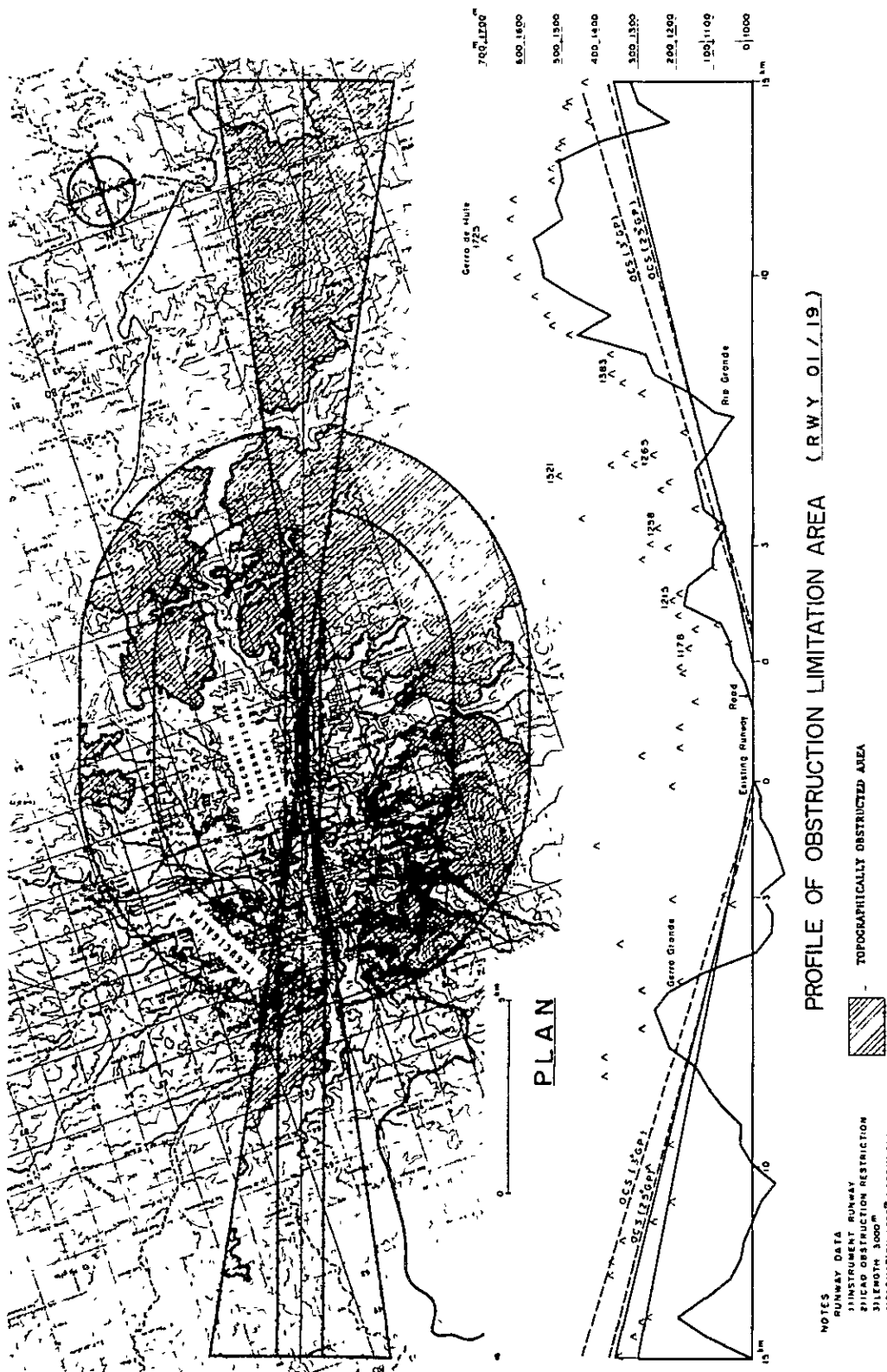


Fig. 3C-1 (a) EXISTING TONCONTIN AIRPORT:
RWY (01/19) EXTENSION & OBSTACLES

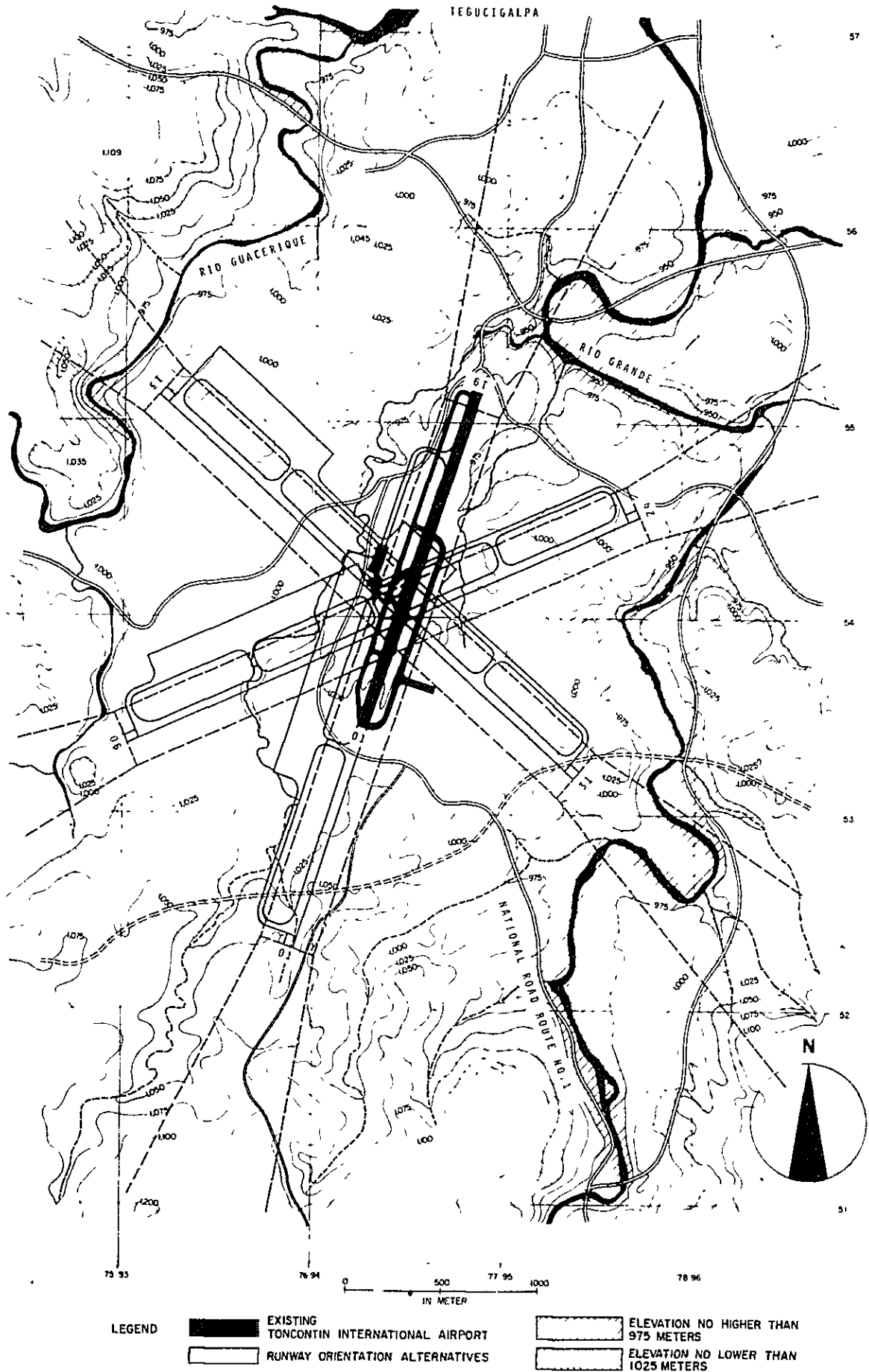
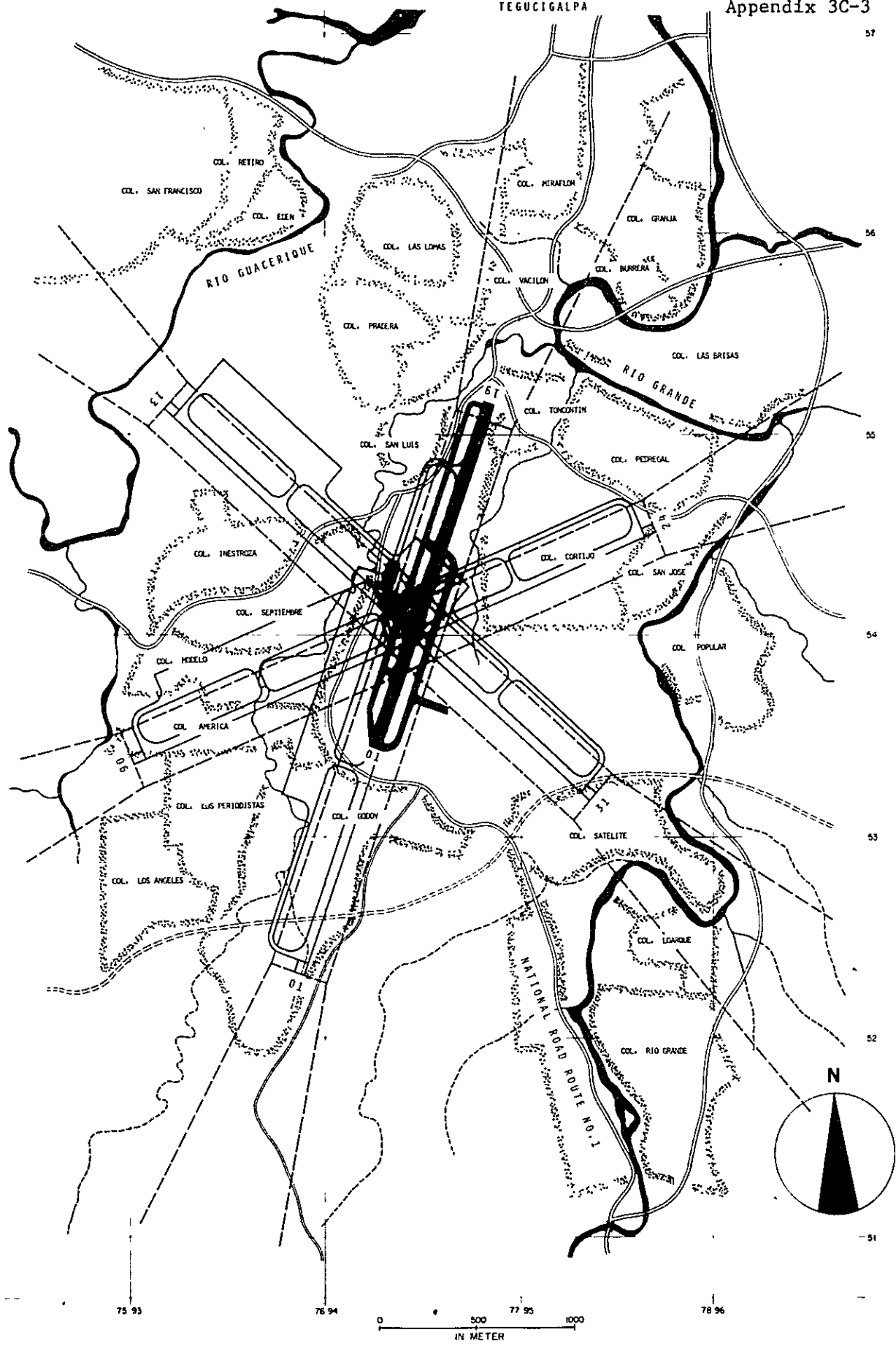


Fig. 3C-1 (b) TOPOGRAPHICALLY FEASIBLE ORIENTATION ALTERNATIVES OF RUNWAY EXTENSION NEEDED IN IMPROVEMENT OF EXISTING TONCONTIN AIRPORT



LEGEND

EXISTING
 TONCONTIN INTERNATIONAL AIRPORT
 RUNWAY ORIENTATION ALTERNATIVES

RESIDENTIAL AREA

Fig. 3C-1 (c) INCOMPATIBILITY WITH SURROUNDING LAND USE OF TOPOGRAPHICALLY FEASIBLE EXPANSION POSSIBILITIES OF EXISTING TONCONTIN AIRPORT

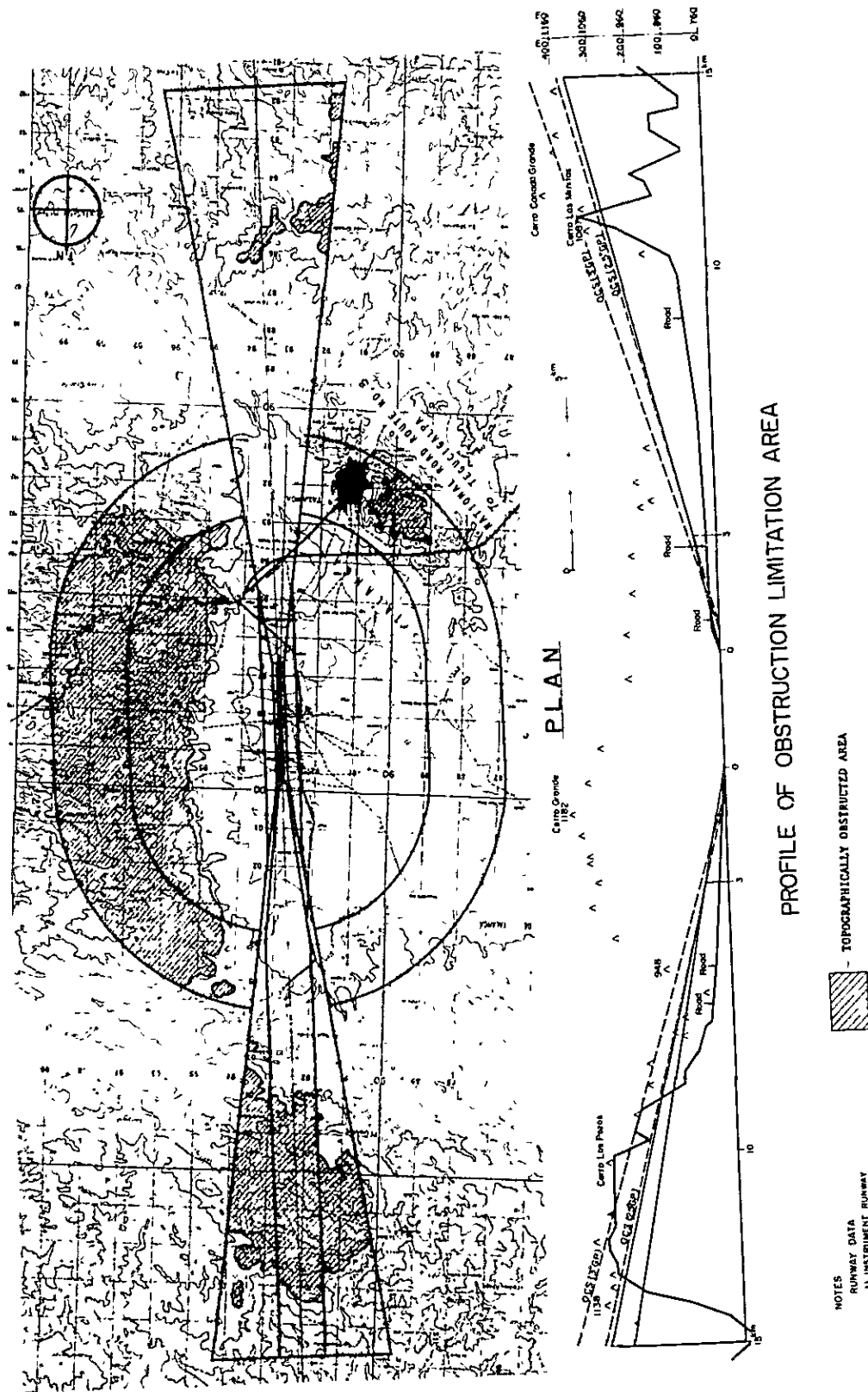


Fig. 3C-2 (a) VALLE DE TALANGA - A : RWY LOCATION & OBSTACLES

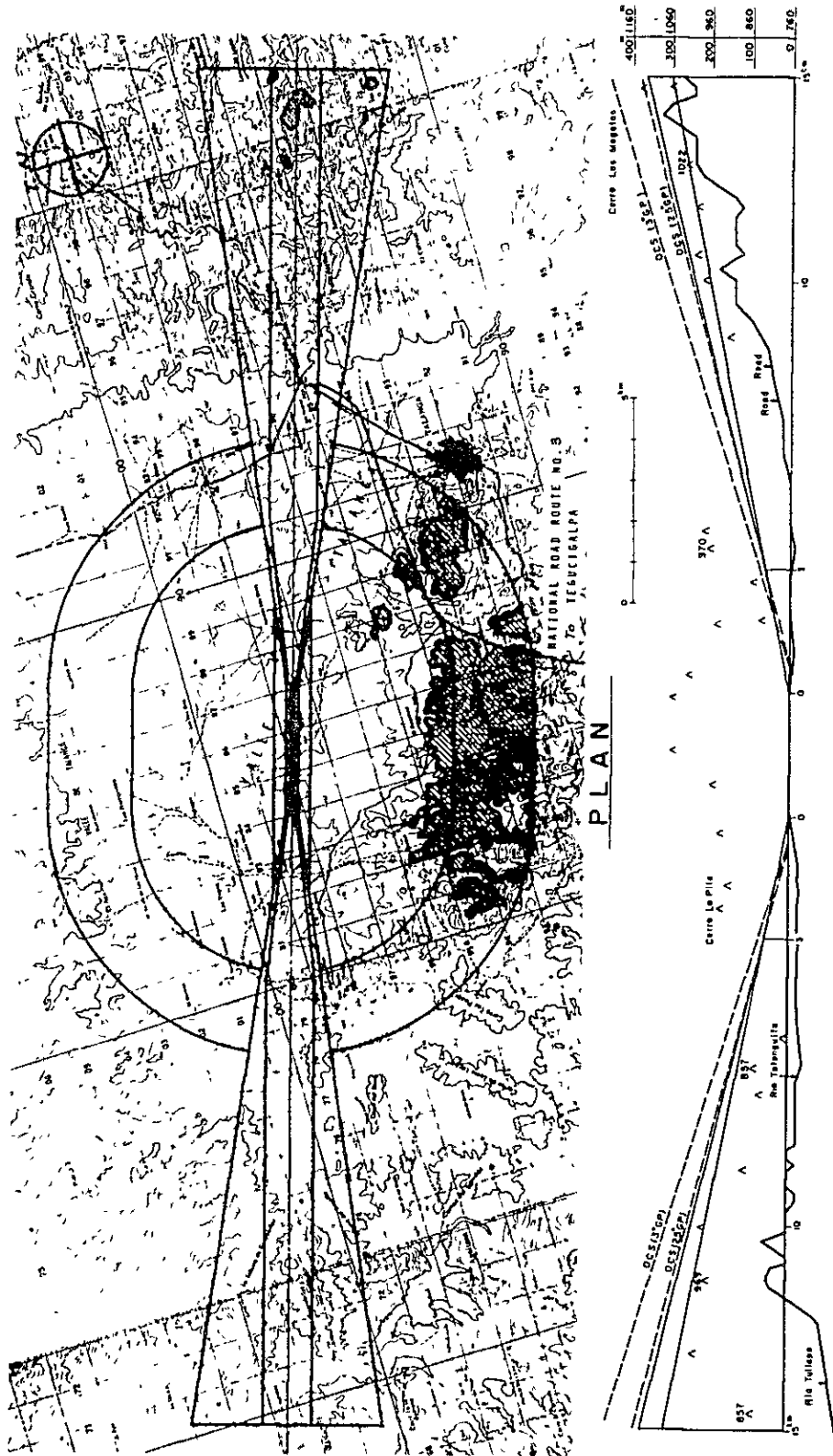
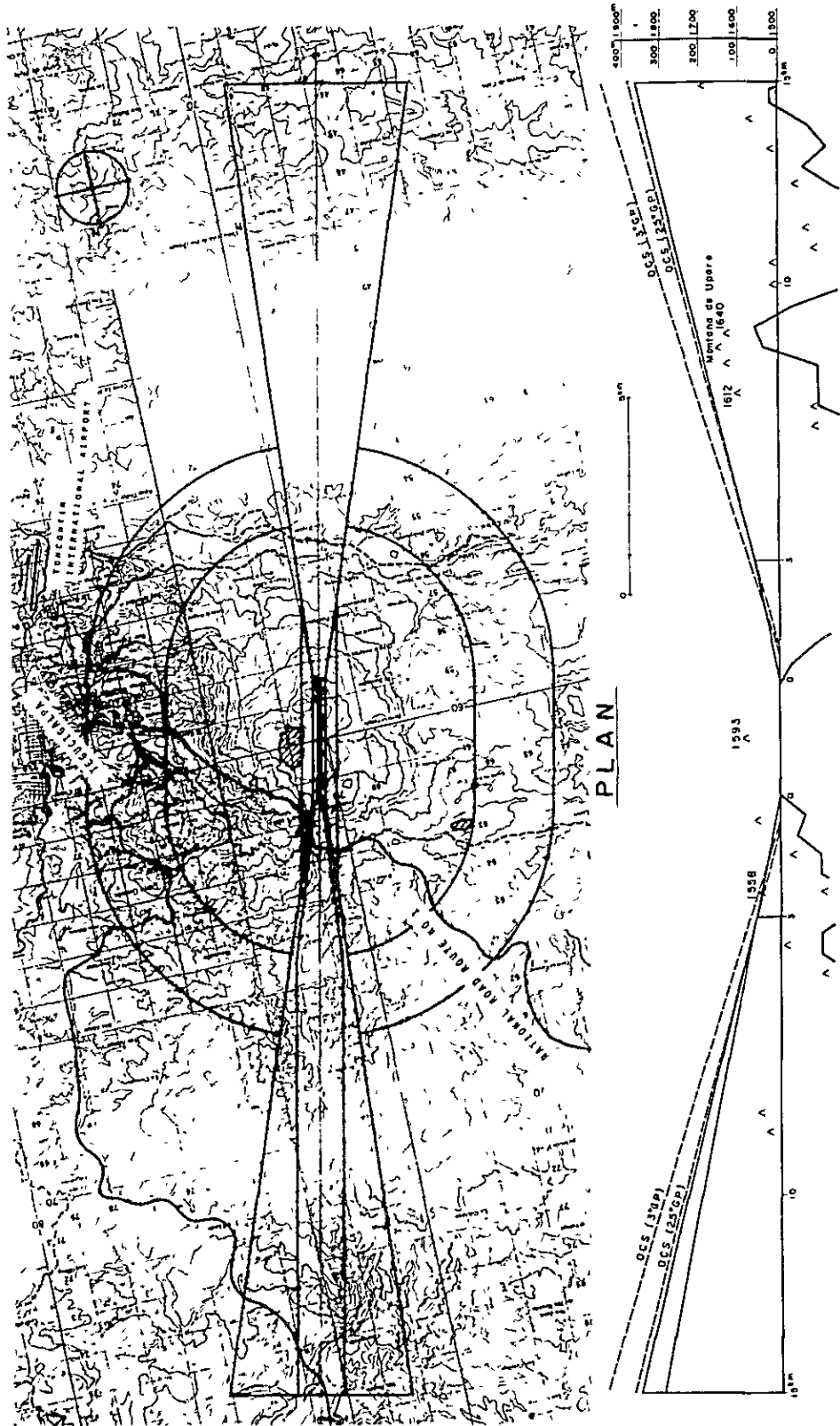


FIG. 3C-2 (b) VALLES DE TALANGA -- B : RMY LOCATION & OBSTACLES



- NOTES
- 1) RUNWAY DATA
 - 2) INSTRUMENT RUNWAY
 - 3) ICAO OBSTRUCTION RESTRICTION
 - 4) LENGTH 3,000'
 - 5) ELEVAT ON 1500' (ASSUMED)
 - 6) ORIENTATION N12°20E (TENTATIVE)



TOPOGRAPHICALLY OBSTRUCTED AREA

PROFILE OF OBSTRUCTION LIMITATION AREA

Fig. 3C-3 LAGUNA EL PEDREGAL - B : RWY LOCATION & OBSTACLES

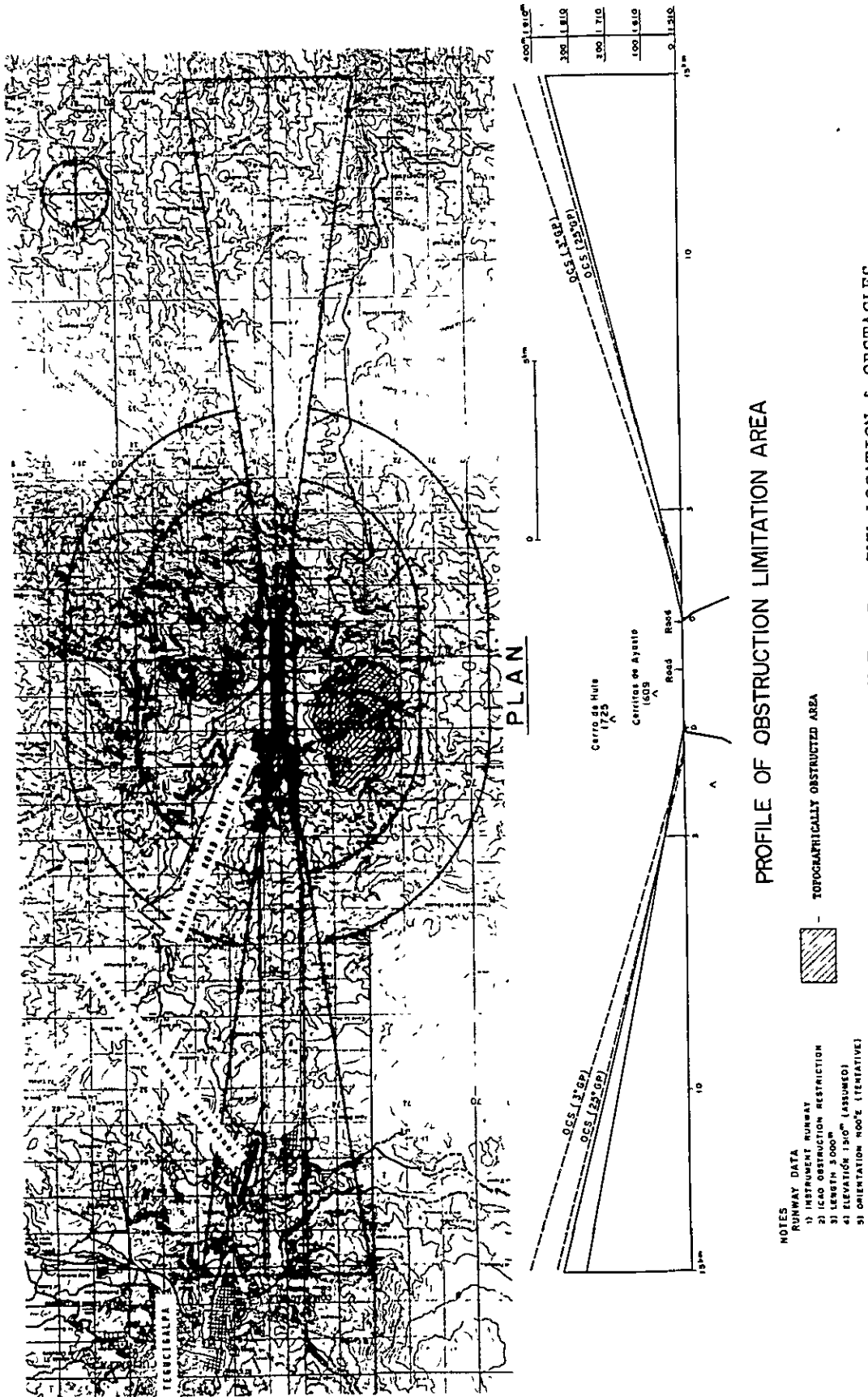
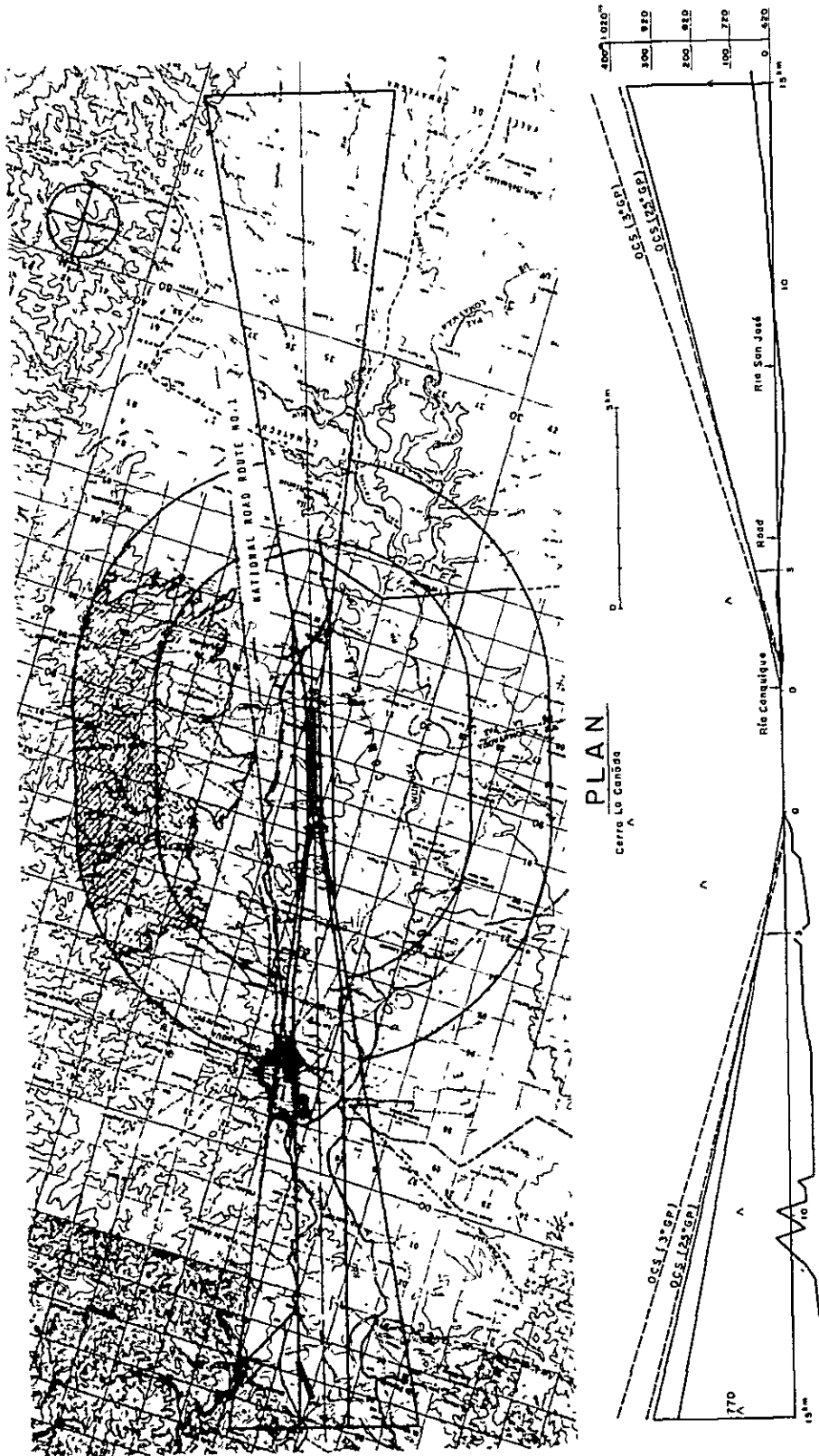


Fig. 3C-4 CERRO DE HULE - B : RWY LOCATION & OBSTACLES



PROFILE OF OBSTRUCTION LIMITATION AREA

- NOTES
- 1) INSTRUMENT RUNWAY
 - 2) ICAO OBSTRUCTION RESTRICTION
 - 3) LENGTH 3000M
 - 4) ELEVATION 820M (ASSUMED)
 - 5) ORIENTATION 117°M (TENTATIVE)

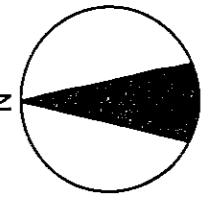
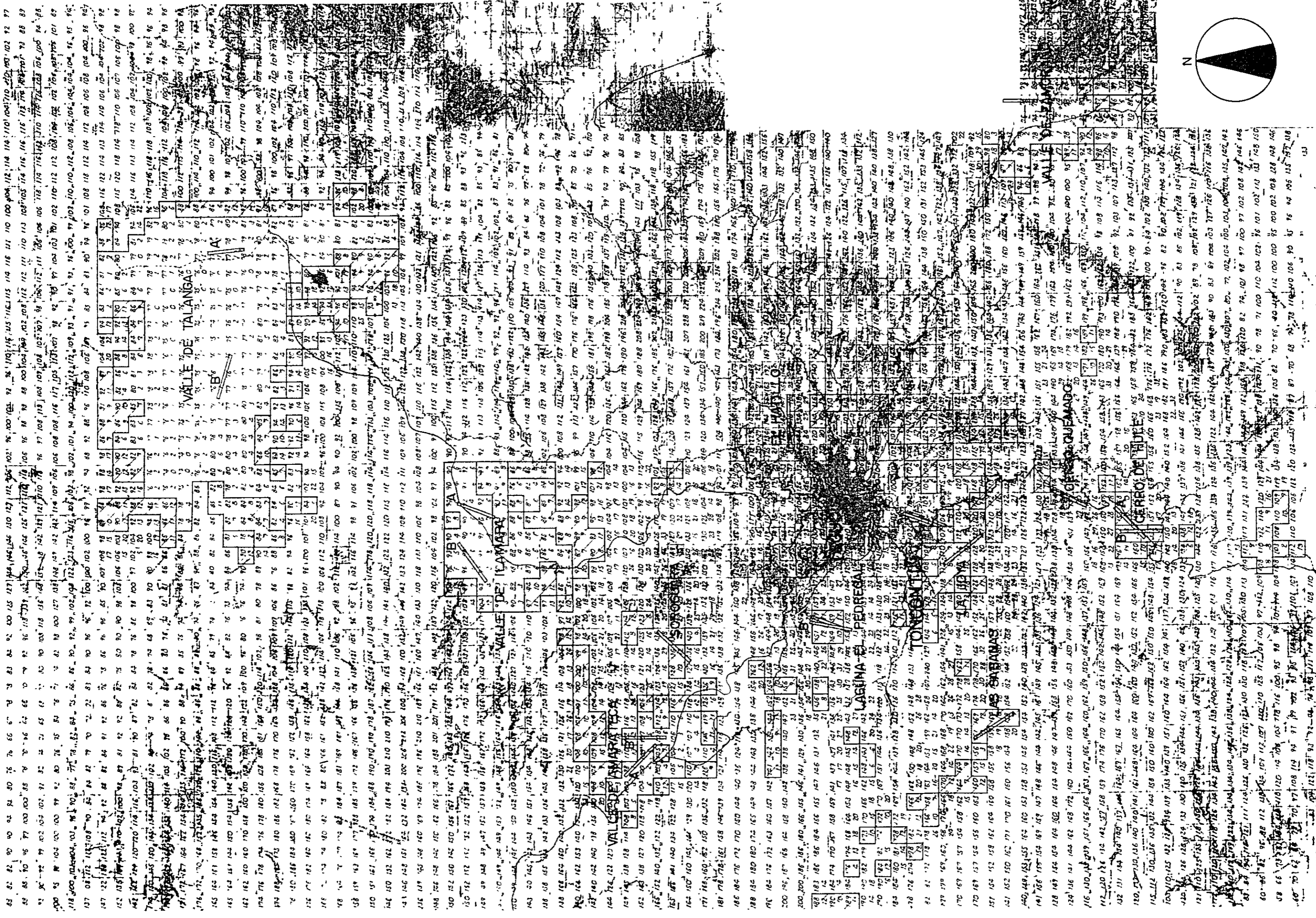


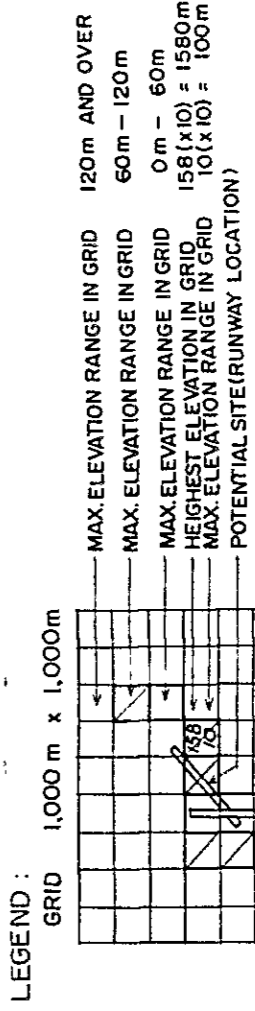
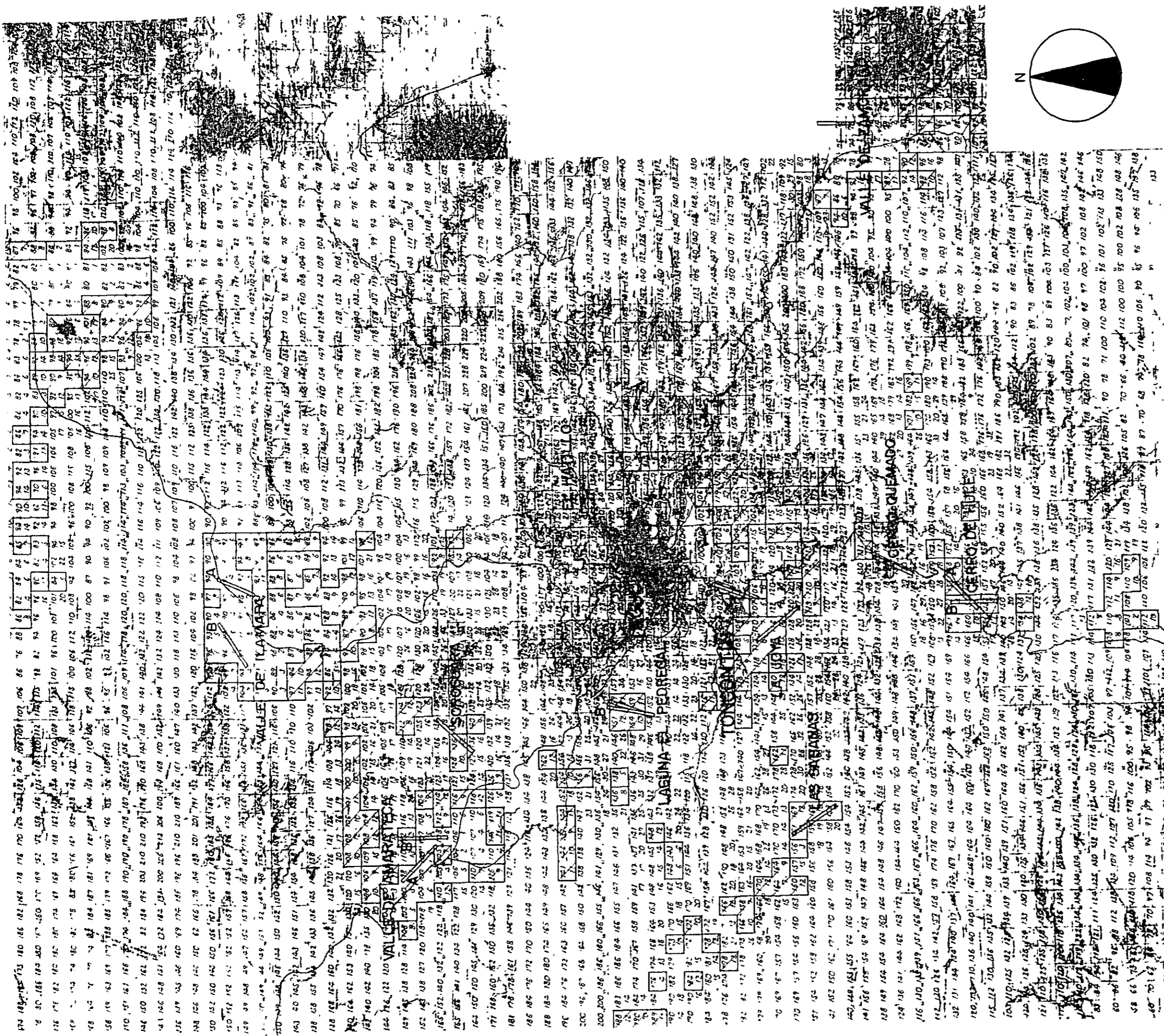
TOPOGRAPHICALLY OBSTRUCTED AREA

Fig. 3C-5 COMAYAGUA : RWY LOCATION & OBSTACLES

APPENDIX 3D

GRID MAP





NOTE : COMAYAGUA-SITE IS NOT SHOWN
 SCALE : 1 : 200,000

**AIRPORT POTENTIAL SITES / EARTHWORK PRACTICABILITY
 GRID MAP
 NEW TEGUCIGALPA AIRPORT DEVELOPMENT - HONDURAS, C.A.**

APPENDIX 4A

LISTS OF PROJECTION FORMULA

1. Forecast of International Embarking & Disembarking Passengers
in the Republic of Honduras

$$\text{[Formula 1]} \quad \text{Log } Y_t = -1.1656 + 1.1340 \text{ Log } X_t + 0.4094 \text{ Log } Y_{t-1}$$

where: Y_t = International Embarking & Disembarking
Passengers in Honduras at year t

X_t = Gross Domestic Product in Honduras at
year t

$$(R = 0.989, \text{ DWR} = 2.272, n = 18)$$

2. Forecast of International Embarking & Disembarking Passengers
at Toncontin Airport

$$\text{[Formula 2]} \quad \text{Log } Y_t = -0.9902 + 1.1393 \text{ Log } X_t + 0.3673 \text{ Log } Y_{t-1}$$

where: Y_t = International Embarking & Disembarking
Passengers at Toncontin Airport at
year t

X_t = Gross Domestic Product in Honduras at
year t

$$(R = 0.971, \text{ DWR} = 1.818, n = 18)$$

3. Forecast of International Embarking & Disembarking Passengers
bt Route at Toncontin Airport

3.1 TGU - MIA Route

$$\text{[Formula 3]} \quad Y_t = -9,548 + 0.2945 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - MIA Route at year
t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.985)$$

3.2 TGU - MEX Route

$$\text{[Formula 4]} \quad Y_t = 3,513 + 0.0436 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - MEX Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.917)$$

3.3 TGU - PTY Route

$$\text{[Formula 5]} \quad Y_t = 11,356 + 0.2027 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - PTY Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.980)$$

3.4 TGU - ADZ Route

$$\text{[Formula 6]} \quad Y_t = -2,900 + 0.0641 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - ADZ Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.931)$$

3.5 TGU - SJO Route

$$\text{[Formula 7]} \quad Y_t = 7,453 + 0.0349 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - SJO Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.607)$$

3.6 TGU - MGA Route

$$[\text{Formula 8}] \quad Y_t = 8,012 + 0.0159 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - MGA Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.446)$$

3.7 TGU - GUA Route

$$[\text{Formula 9}] \quad Y_t = 16,357 + 0.0841 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - GUA Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.670)$$

3.8 TGU - BZE Route

$$[\text{Formula 10}] \quad Y_t = 1,042 + 0.0059 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - BZE Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.413)$$

3.9 TGU - MSY Route

$$[\text{Formula 11}] \quad Y_t = -12,463 + 0.2487 X_t$$

where: Y_t = International Embarking & Disembarking
Passengers by TGU - MSY Route at year t

X_t = Total International Embarking & Dis-
embarking Passengers at Toncontin Air-
port at year t

$$(R = 0.967)$$

4. Forecast of International Embarking & Disembarking Passengers
Generated by New Route

$$\text{[Formula 12]} \quad T_{ij} = 0.5368 \frac{P_i P_j}{D_{ij}^{1.7558}}$$

where: T_{ij} = Number of Passengers between cities
i and j

P_i = Number of Population in city i

P_j = Number of Population in city j

D_{ij} = Travel Time between cities i and j
(Including trip time from downtown
to airport)

5. Forecast of International Transit Passengers at Toncontin
Airport

$$\text{[Formula 13]} \quad Y_t = -17,002 + 0.8365 X_t$$

where: Y_t = International Transit Passengers at
Toncontin Airport at year t

X_t = International Embarking & Disembarking
Passengers at Toncontin Airport at
year t

(R = 0.916)

6. Forecast of Domestic Embarking & Disembarking Passengers in the Republic of Honduras

$$[\text{Formula 14}] \quad Y_t = -850,029 + 1,447 X_t + 77,687 Z_t + 0.7765 Y_{t-1}$$

where: Y_t = Domestic Embarking & Disembarking Passengers in Honduras at year t

X_t = Per capita GDP in Honduras at year t

$$Z_t = TR_t/TA_t$$

where: TR_t = Travel Time by road between Tegucigalpa and San Pedro Sula at year t

TA_t = Travel Time by air between Tegucigalpa and San Pedro Sula at year t

$$(R = 0.917, DWR = 2.001, n = 18)$$

7. Forecast of Domestic Embarking & Disembarking Passengers at Toncontin Airport

$$[\text{Formula 15}] \quad Y_t = -207,281 + 325 X_t + 23,172 Z_t + 0.7769 Y_{t-1}$$

where: Y_t = Domestic Embarking & Disembarking Passengers at Toncontin Airport

X_t = Per capita GDP in Honduras at year t

$$Z_t = TR_t/TA_t$$

where: TR_t = Travel Time by road between Tegucigalpa and San Pedro Sula at year t

TA_t = Travel Time by air between Tegucigalpa and San Pedro Sula at year t

$$(R = 0.961, DWR = 2.198, n = 18)$$

8. Forecast of Domestic Embarking & Disembarking Passengers by Route at Toncontin Airport

8.1 TGU - SAP Route

[Formula 16] $Y_t = 12,740 + 0.1927 X_t$

where: Y_t = Domestic Embarking & Disembarking Passengers by TGU - SAP Route at year t

X_t = Total Domestic Embarking & Disembarking Passengers at Toncontin Airport at year t

($R = 0.863$)

8.2 TGU - LCE Route

[Formula 17] $Y_t = -3,099 + 0.3206 X_t$

where: Y_t = Domestic Embarking & Disembarking Passengers by TGU - LCE Route at year t

X_t = Total Domestic Embarking & Disembarking Passengers at Toncontin Airport at year t

($R = 0.795$)

8.3 TGU - ROA Route

[Formula 18] $Y_t = -933 + 0.0824 X_t$

where: Y_t = Domestic Embarking & Disembarking Passengers by TGU - ROA Route at year t

X_t = Total Domestic Embarking & Disembarking Passengers at Toncontin Airport at year t

($R = 0.767$)

8.4 TGU - TJI Route

$$\text{[Formula 19]} \quad Y_t = 6.9 + 0.0414 X_t$$

where: Y_t = Domestic Embarking & Disembarking
Passengers by TGU - TJI Route at
year t

X_t = Total Domestic Embarking & Dis-
embarking Passengers at Toncontin
Airport at year t

$$(R = 0.999)$$

8.5 TGU - OAN Route

$$\text{[Formula 20]} \quad Y_t = -3,535 + 0.1249 X_t$$

where: Y_t = Domestic Embarking & Disembarking
Passengers by TGU - OAN Route at
year t

X_t = Total Domestic Embarking & Disembark-
ing Passengers at Toncontin Airport
at year t

$$(R = 0.831)$$

8.6 TGU - PLP Route

$$\text{[Formula 21]} \quad Y_t = 880 + 0.0365 X_t$$

where: Y_t = Domestic Embarking & Disembarking
Passengers by TGU -PLP Route at
year t

X_t = Total Domestic Embarking & Disembark-
ing Passengers at Toncontin Airport
at year t

$$(R = 0.728)$$

9. Forecast of Domestic Embarking & Disembarking Passengers
by Route

$$\text{[Formula 22]} \quad T_{ij} = 0.465 \frac{P_i P_j}{D_{ij} 0.5452}$$

where: T_{ij} = Number of Passengers between cities
i and j

P_i = Number of Population in city i

P_j = Number of Population in city j

D_{ij} = Travel Time between cities i and j

10. Forecast of International Loaded & Unloaded Air Cargo in the Republic of Honduras

[Formula 23] $\text{Log } Y_t = -2.6929 + 1.0679 \text{ Log } X_t + 0.4332 \text{ Log } Y_{t-1}$

where: Y_t = International Loaded & Unloaded Air Cargo in Honduras at year t

X_t = Gross Domestic Product in Honduras at year t

($R = 0.941$, $DWR = 1.820$, $n = 18$)

11. Forecast of International Loaded & Unloaded Air Cargo at Toncontin Airport

[Formula 24] $\text{Log } Y_t = -2.5672 + 0.8970 \text{ Log } X_t + 0.5198 \text{ Log } Y_{t-1}$

where: Y_t = International Loaded & Unloaded Air Cargo at Toncontin Airport at year t

X_t = Gross Domestic Product in Honduras at year t

($R = 0.932$, $DWR = 1.806$, $n = 18$)

12. Forecast of International Loaded & Unloaded Air Cargo Generated by New Route

[Formula 25] $T_{ij} = 32.265 \frac{G_i G_j}{D_{ij}^{2.1075}}$

where: T_{ij} = International Air Cargo Tonnage between cities i and j

G_i = (Number of Population in city i) x (Per capita GDP in city i)

G_j = (Number of Population in city j) x (Per capita GDP in city j)

D_{ij} = Travel Time between cities i and j

13. Forecast of Domestic Loaded & Unloaded Air Cargo in the Republic of Honduras

[Formula 26] $Y_t = -3,517 + 0.2197 X_t + 1,583 Z_t + 0.8049 Y_{t-1}$

where: Y_t = Domestic Loaded & Unloaded Air Cargo in Honduras at year t

X_t = Gross Domestic Product in Honduras at year t

$$Z_t = TR_t/TA_t$$

where: TR_t = Travel Time by road between Tegucigalpa and San Pedro Sula at year t

TA_t = Travel Time by air between Tegucigalpa and San Pedro Sula at year t

$$(R = 0.726, DWR = 2.616, n = 18)$$

14. Forecast of Domestic Loaded & Unloaded Air Cargo at Toncontin Airport

[Formula 27] $\log Y_t = -1.8335 + 1.0594 \log X_t$

where: Y_t = Domestic Loaded & Unloaded Air Cargo at Toncontin Airport at year t

X_t = Domestic Loaded & Unloaded Air Cargo in Honduras at year t

$$(R = 0.935)$$

15. Forecast of Number of Small Aircraft Registered at Toncontin Airport

[Formula 28] $Y = -82 + 0.11 X$

where: Y = Number of small aircraft registered at Toncontin Airport

X = Gross Domestic Product (in 1966 constant prices)

$$(R = 0.959)$$

APPENDIX 5A

STAGE LENGTH-PAYLOAD RELATIONSHIP

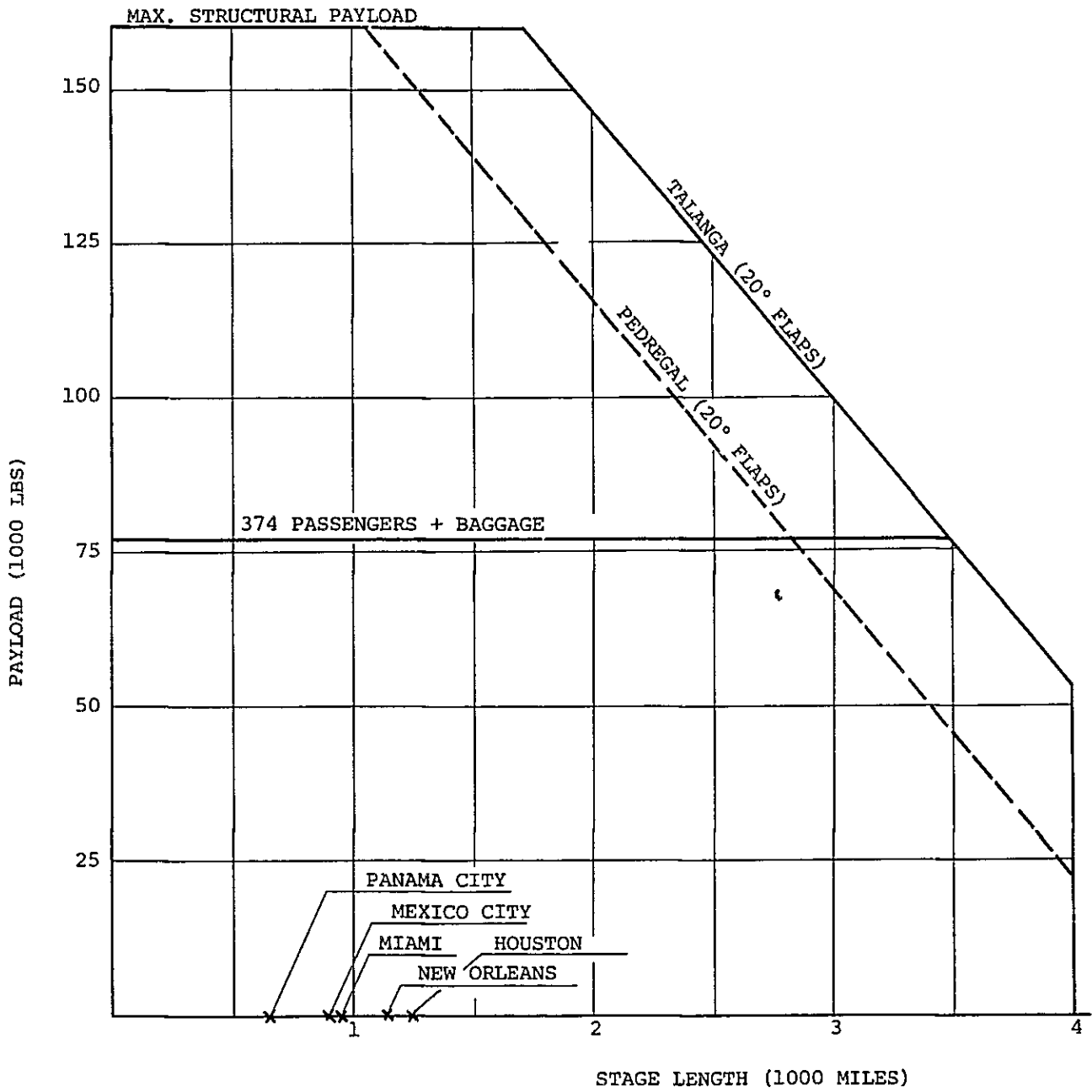


Fig. 5A-1

STAGE LENGTH - PAYLOAD RELATIONSHIP (B-747)

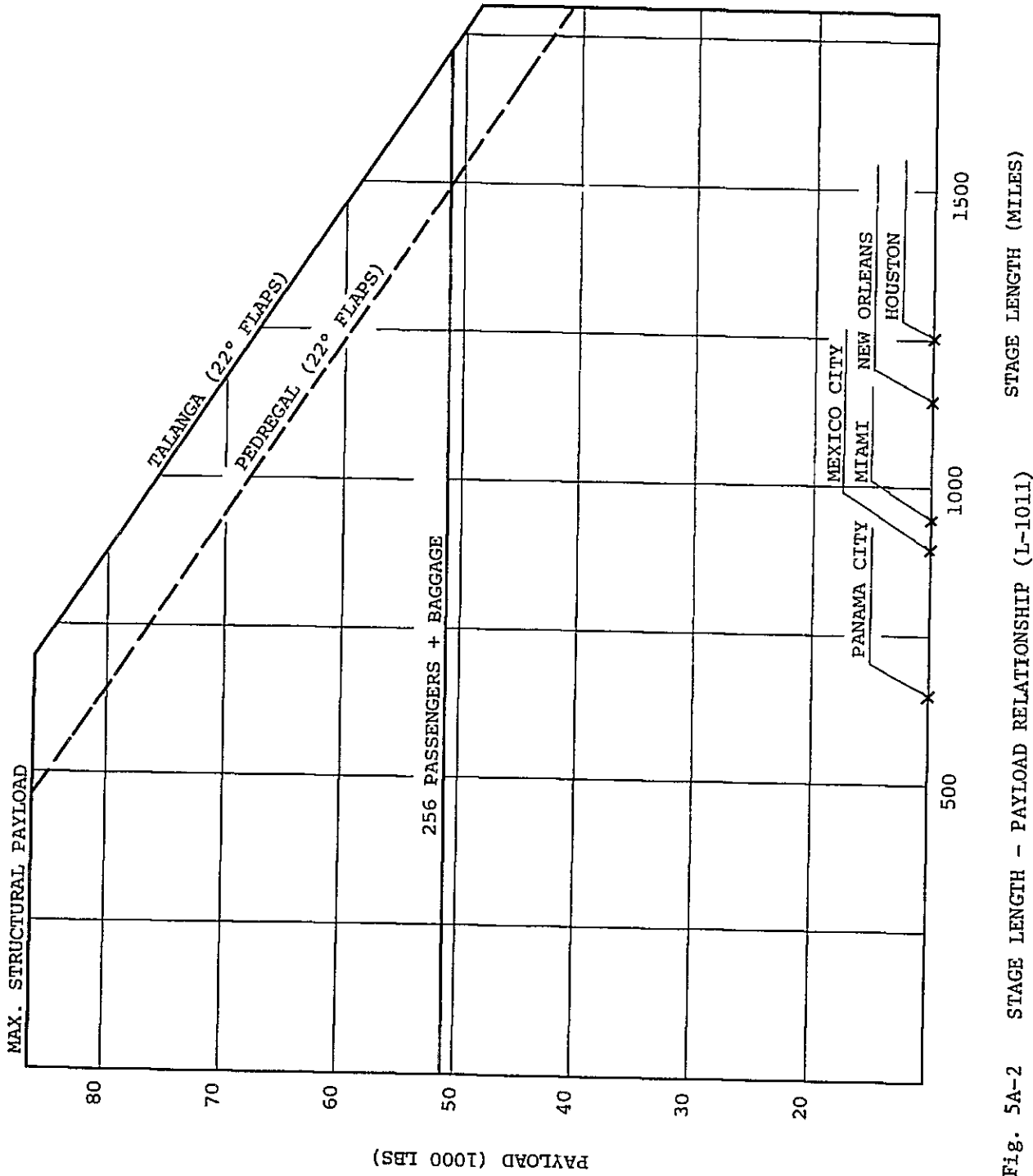


Fig. 5A-2 STAGE LENGTH - PAYLOAD RELATIONSHIP (L-1011)

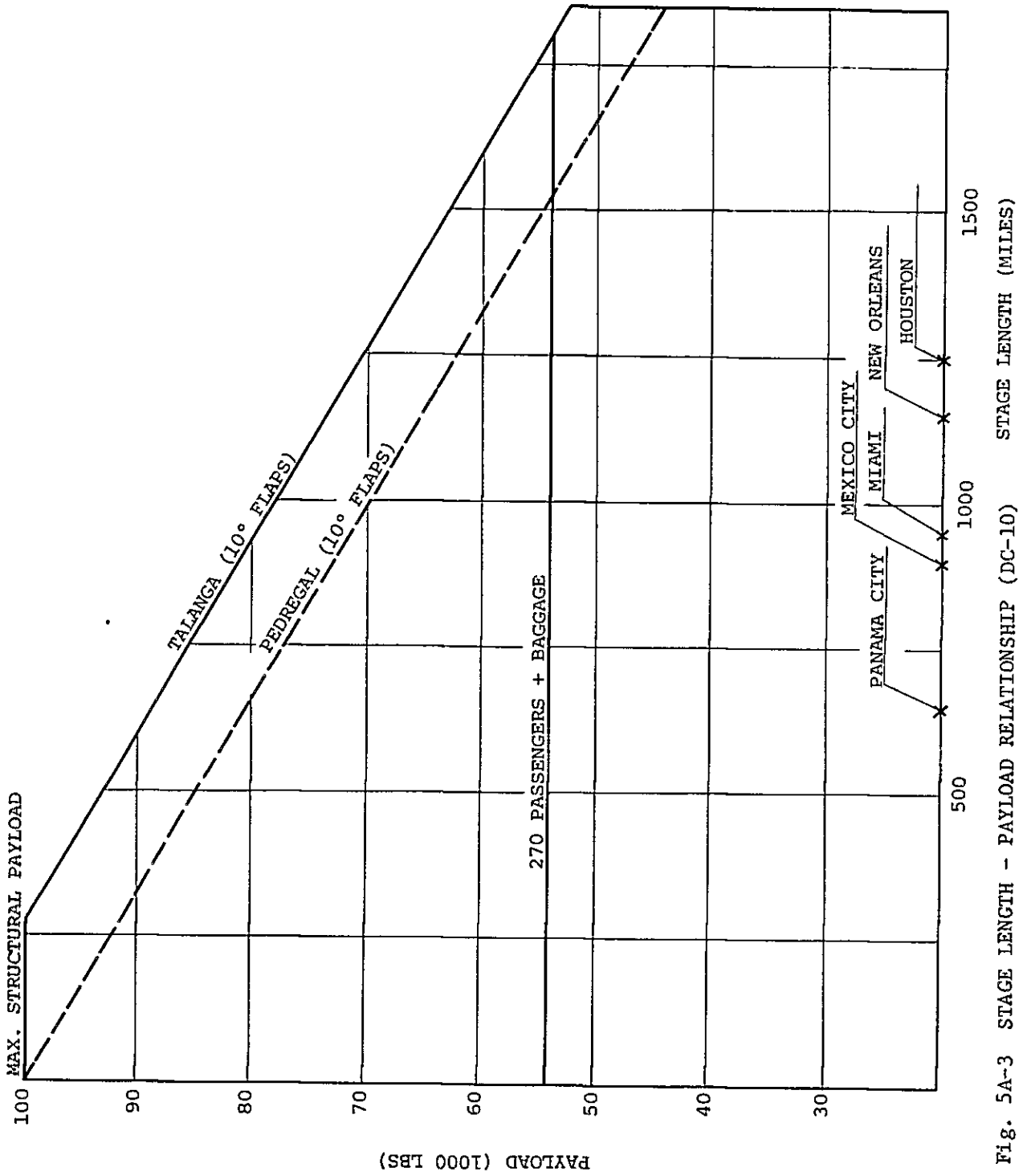


Fig. 5A-3 STAGE LENGTH - PAYLOAD RELATIONSHIP (DC-10)

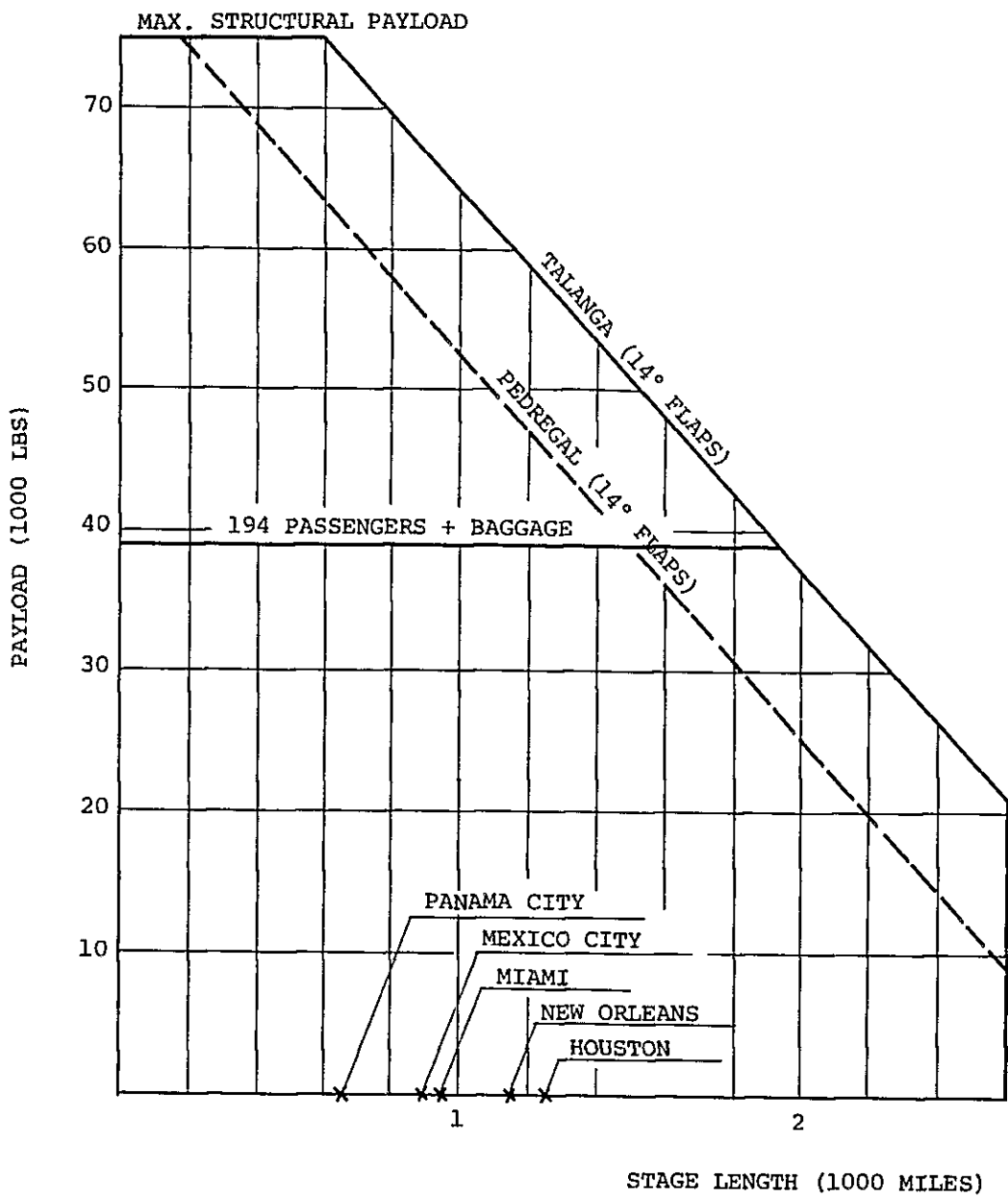


Fig. 5A-4 STAGE LENGTH - PAYLOAD RELATIONSHIP (B-707)

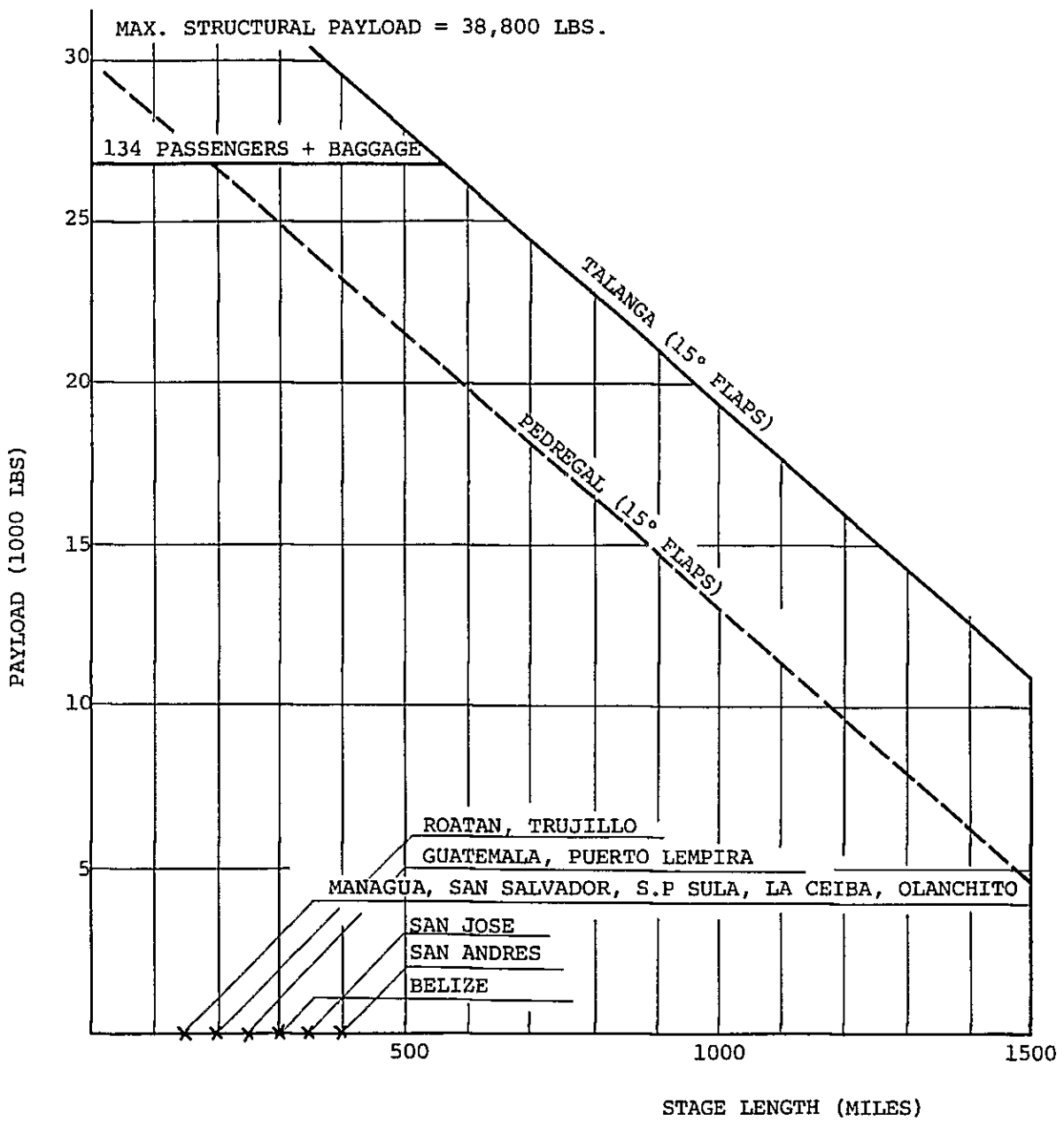


Fig. 5A-5 STAGE LENGTH - PAYLOAD RELATIONSHIP (B-727)

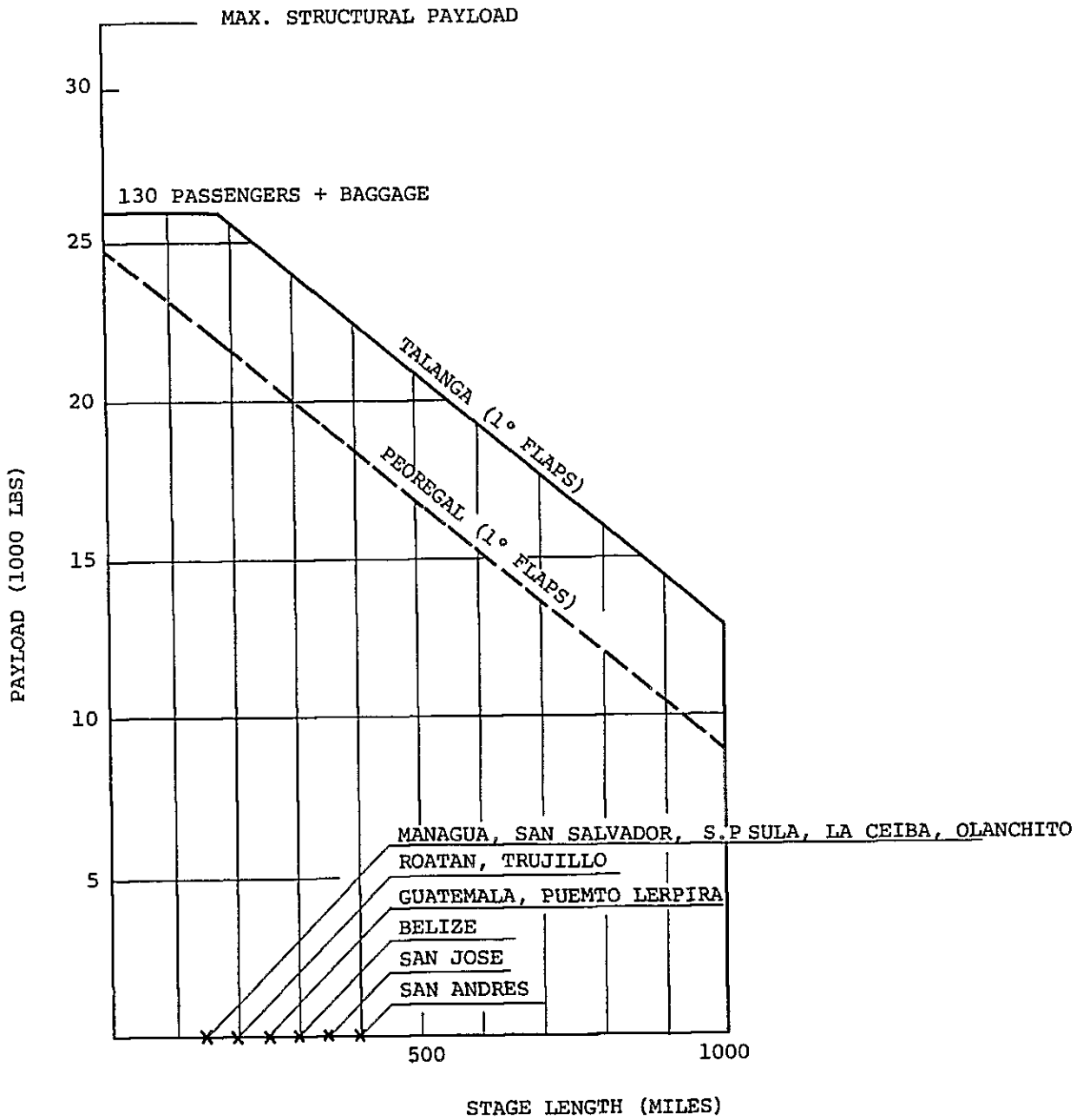


Fig. 5A-6 STAGE LENGTH - PAYLOAD RELATIONSHIP (B-737)

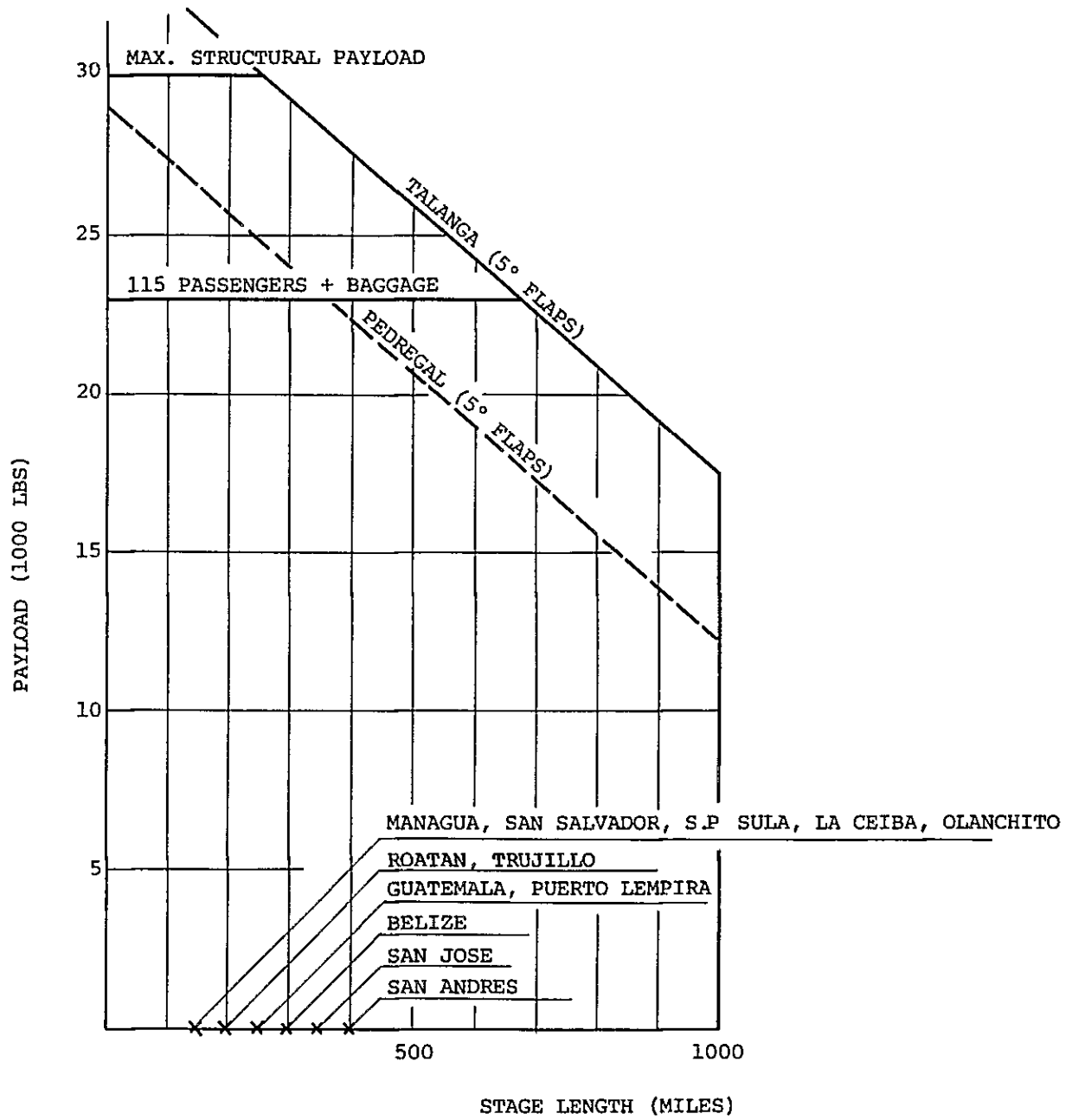


Fig. 5A-7 STAGE LENGTH - PAYLOAD RELATIONSHIP (DC-9)

APPENDIX 5B

POSSIBLE FLIGHT SCHEDULE

Table 5B-1 POSSIBLE FLIGHT SCHEDULE (INTERNATIONAL SERVICE)

ROUTE	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
TGU - MIA		AJ MIA / 10	AJ MIA / 40		MIA AJ / 50	MIA AJ / 30	MIA AJ / 20	MIA AJ / 00	MIA AJ / 20	MIA AJ / 30	MIA AJ / 50	MIA AJ / 20			MIA / 10		AJ		
		AJ MIA / 00	AJ																
MSY-TGU-PTY		AJ MSY / 00		PTY AJ / 35	AJ MSY / 20	AJ MSY / 30	AJ MSY / 00	MSY AJ / 30	MSY AJ / 30	MSY AJ / 00		IAH AJ / 30	MSY AJ / 20	MSY AJ / 20	MSY AJ / 30	PTY / 15		MSY / 30	AJ
		AJ MSY / 00		PTY AJ / 35	AJ MSY / 20	AJ MSY / 30	AJ MSY / 00	MSY AJ / 30	MSY AJ / 30	MSY AJ / 00		IAH AJ / 30	MSY AJ / 20	MSY AJ / 20	MSY AJ / 30	PTY / 15		MSY / 30	AJ
IAH-TGU-PTY		PTY AJ / 35	AJ IAH / 20	IAH AJ / 30	IAH AJ / 00							IAH AJ / 20	IAH AJ / 30	IAH AJ / 15					
		PTY AJ / 35	AJ IAH / 20	IAH AJ / 30	IAH AJ / 00							IAH AJ / 20	IAH AJ / 30	IAH AJ / 15					
MEX-TGU-PTY		PTY AJ / 35	MEX AJ / 00	PTY AJ / 35	AJ MEX / 20										MEX AJ / 40	PTY AJ / 25	PTY AJ / 15		MEX
		PTY AJ / 35	MEX AJ / 00	PTY AJ / 35	AJ MEX / 20										MEX AJ / 40	PTY AJ / 25	PTY AJ / 15		MEX
GUA-TGU-MGA		BJ GUA / 00	GUA BJ / 05	GUA BJ / 35	MGA BJ / 25	MGA BJ / 40	GUA BJ / 45	GUA BJ / 15	GUA BJ / 00	MGA BJ / 30	MGA BJ / 50								
		BJ GUA / 00	GUA BJ / 05	GUA BJ / 35	MGA BJ / 25	MGA BJ / 40	GUA BJ / 45	GUA BJ / 15	GUA BJ / 00	MGA BJ / 30	MGA BJ / 50								
SAL-TGU-SJO		BJ SAL / 00	SAL BJ / 00	SAL BJ / 45	SJO BJ / 25	SAL BJ / 10	SAL BJ / 40	SJO BJ / 10	SAL BJ / 55	SJO BJ / 25	SJO BJ / 35	SJO BJ / 50	SJO BJ / 20	SJO BJ / 05	ISAL / 05				
		BJ SAL / 00	SAL BJ / 00	SAL BJ / 45	SJO BJ / 25	SAL BJ / 10	SAL BJ / 40	SJO BJ / 10	SAL BJ / 55	SJO BJ / 25	SJO BJ / 35	SJO BJ / 50	SJO BJ / 20	SJO BJ / 05	ISAL / 05				
BZE-TGU-SJO																			
TGU - ADZ		BJ ADZ / 00	ADZ BJ / 45	ADZ BJ / 30	ADZ BJ / 15	ADZ BJ / 45	ADZ BJ / 30	ADZ BJ / 15	ADZ BJ / 00	ADZ BJ / 15	ADZ BJ / 00	ADZ BJ / 15	ADZ BJ / 00	ADZ BJ / 15	ADZ BJ / 00				
		BJ ADZ / 00	ADZ BJ / 45	ADZ BJ / 30	ADZ BJ / 15	ADZ BJ / 45	ADZ BJ / 30	ADZ BJ / 15	ADZ BJ / 00	ADZ BJ / 15	ADZ BJ / 00	ADZ BJ / 15	ADZ BJ / 00	ADZ BJ / 15	ADZ BJ / 00				

Notes: 1. Aircraft Categories AJ -- 200 Seater Jet
 BJ -- 120 Seater Jet
 CN -- 40 Seater Non-Jet

2. Arriving Flight
 Departing Flight
 Alternate (every other day) schedule to one directly thereabove

3. Schedules with asterisk occur only at Pedregal Site

APPENDIX 5C
HOURLY DISTRIBUTION OF PASSENGERS

Table 5C-9 HOURLY DISTRIBUTION OF PASSENGERS AT TALANGA

TIME	CASE 1			CASE 2			CASE 3			CASE 4		
	ARR	DEP	THRU	ARR	DEP	THRU	ARR	DEP	THRU	ARR	DEP	THRU
500-530	0	0	0	0	0	0	0	0	0	0	0	0
530-600	0	0	0	0	0	0	0	0	0	0	0	0
600-630	0	318	138	0	265	110	0	318	138	0	265	119
630-700	0	347	138	0	347	119	0	347	138	0	347	119
700-730	128	101	70	181	154	89	128	101	70	181	154	89
730-800	204	160	58	204	213	77	204	169	58	204	213	77
800-830	116	326	58	116	326	58	116	326	58	116	326	58
830-900	209	307	109	209	307	109	209	307	109	209	307	109
900-930	324	314	141	324	314	141	324	314	141	324	314	141
930-1000	385	318	189	332	265	179	385	318	189	332	265	179
1000-1030	198	337	157	145	337	148	198	337	157	145	337	148
1030-1100	0	125	80	53	178	99	53	154	89	53	207	99
1100-1130	27	120	32	27	173	51	56	149	75	56	202	94
1130-1200	193	120	138	193	120	138	193	149	181	193	149	181
1200-1230	122	180	144	122	180	144	122	180	144	122	180	144
1230-1300	40	142	74	40	142	74	40	113	74	40	113	74
1300-1330	27	85	44	27	85	44	27	56	0	27	56	0
1330-1400	345	191	291	292	138	182	318	189	157	265	136	138
1400-1430	261	334	180	208	334	180	299	361	233	237	361	233
1430-1500	270	328	155	270	381	174	299	355	199	299	408	218
1500-1530	211	404	157	211	404	157	211	404	157	211	404	157
1530-1600	56	345	170	56	345	170	56	316	170	56	316	170
1600-1630	56	141	136	56	141	136	27	112	93	27	112	93
1630-1700	230	69	149	230	69	149	201	49	106	201	49	106
1700-1730	201	240	106	201	240	106	201	240	106	201	240	106
1730-1800	72	200	62	72	200	62	72	200	62	72	200	62
1800-1830	0	200	62	0	200	62	0	200	62	0	200	62
1830-1900	0	0	0	0	0	0	0	0	0	0	0	0
1900-1930	140	116	32	140	116	32	140	116	32	140	116	32
1930-2000	124	116	52	124	116	52	124	116	52	124	116	52
2000-2030	204	226	91	204	226	91	204	226	91	204	226	91
2030-2100	204	110	39	204	110	39	204	110	39	204	110	39
2100-2130	0	0	32	0	0	32	0	0	32	0	0	32
2130-2200	84	0	36	84	0	36	84	0	36	84	0	36
2200-2230	0	0	36	0	0	36	0	0	36	0	0	36
2230-2300	0	0	0	0	0	0	0	0	0	0	0	0

0

