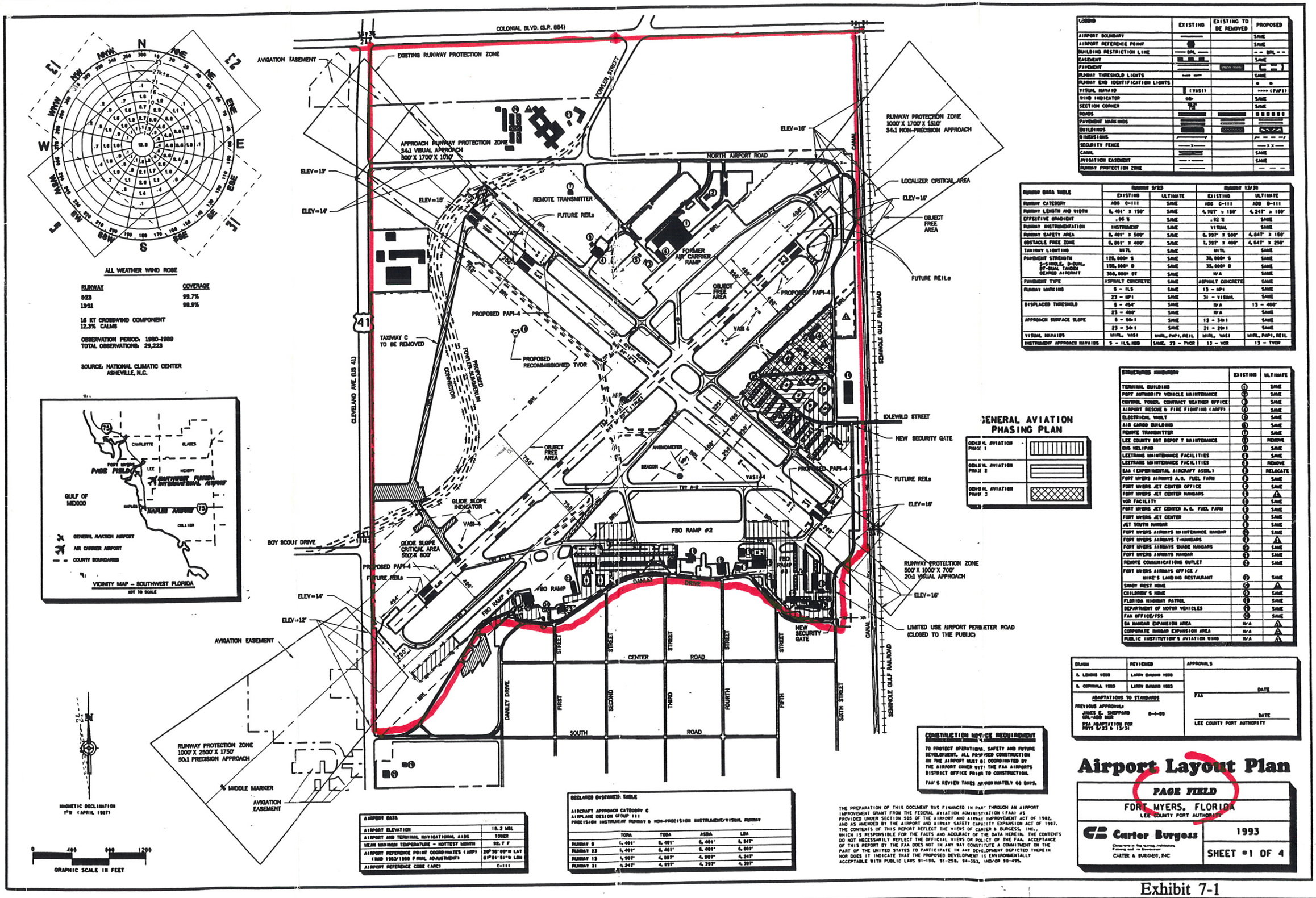

ALL WEATHER WIND ROSE

RUNWAY	COVERAGE
9/23	99.7%
13/31	99.9%

16 KT CROSSWIND COMPONENT
12.5% CALMS

OBSERVATION PERIOD: 1980-1989
TOTAL OBSERVATIONS: 29,223

SOURCE: NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

VICINITY MAP - SOUTHWEST FLORIDA
NOT TO SCALE

MAGNETIC DECLINATION
7°E (APRIL 1987)

0 400 800 1200
GRAPHIC SCALE IN FEET

LEGEND	EXISTING	EXISTING TO BE REMOVED	PROPOSED
AIRPORT BOUNDARY			SAME
AIRPORT REFERENCE POINT			SAME
BUILDING RESTRICTION LINE	BRL		BRL
EASEMENT			SAME
PAVEMENT			
RUNWAY THRESHOLD LIGHTS			SAME
RUNWAY END IDENTIFICATION LIGHTS			
VISUAL AIDS TO	VASI		PAPI
WIND INDICATION			SAME
SECTION CORNER			SAME
ROADS			
PAVEMENT MARKING			
BUILDINGS			
OBSTRUCTIONS			
SECURITY FENCE			
CANAL			SAME
AVIGATION EASEMENT			SAME
RUNWAY PROTECTION ZONE			

RUNWAY DATA TABLE	RUNWAY 9/23		RUNWAY 13/31	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
RUNWAY CATEGORY	ADG C-III	SAME	ADG C-III	ADG B-III
RUNWAY LENGTH AND WIDTH	6,401' X 150'	SAME	4,967' X 150'	4,247' X 100'
EFFECTIVE GRADIENT	.96 %	SAME	.62 %	SAME
RUNWAY INSTRUMENTATION	INSTRUMENT	SAME	VISUAL	SAME
RUNWAY SAFETY AREA	6,401' X 500'	SAME	4,967' X 500'	4,647' X 150'
OBSTACLE FREE ZONE	6,801' X 400'	SAME	1,397' X 400'	4,647' X 250'
TAXIWAY LIGHTING	MITL	SAME	MITL	SAME
PAVEMENT STRENGTH S=SINGLE, D=DUAL, DT=DUAL TANDEM GEARED AIRCRAFT	125,000# S	SAME	30,000# S	SAME
	195,000# D	SAME	30,000# D	SAME
	300,000# DT	SAME	N/A	SAME
PAVEMENT TYPE	ASPHALT CONCRETE	SAME	ASPHALT CONCRETE	SAME
RUNWAY MARKING	9 - ILS	SAME	13 - NPI	SAME
	23 - NPI	SAME	31 - VISUAL	SAME
DISPLACED THRESHOLD	9 - 454'	N/A	N/A	13 - 400'
	23 - 400'	N/A	N/A	SAME
APPROACH SURFACE SLOPE	9 - 50:1	SAME	13 - 34:1	SAME
	23 - 34:1	SAME	31 - 20:1	SAME
VISUAL NAVAIDS	MIRL, VASI	MIRL, PAPI, REIL	MIRL, VASI	MIRL, PAPI, REIL
INSTRUMENT APPROACH NAVAIDS	9 - ILS, MM	SAME, 23 - TVOR	13 - VOR	13 - TVOR

GENERAL AVIATION PHASING PLAN

STRUCTURES NUMBER	EXISTING	ULTIMATE
TERMINAL BUILDING	1	SAME
PORT AUTHORITY VEHICLE MAINTENANCE	2	SAME
CONTROL TOWER, CONTRACT WEATHER OFFICE	3	SAME
AIRPORT RESCUE & FIRE FIGHTING (ARFF)	4	SAME
ELECTRICAL VAULT	5	SAME
AIR CARGO BUILDING	6	SAME
REMOTE TRANSMITTER	7	SAME
LEE COUNTY SOT DEPOT T MAINTENANCE	8	REMOVE
EMS HELIPAD	9	SAME
LEETRANS MAINTENANCE FACILITIES	10	SAME
LEETRANS MAINTENANCE FACILITIES	11	REMOVE
EAA (EXPERIMENTAL AIRCRAFT ASSN.)	12	RELOCATE
FORT MYERS AIRWAYS A.G. FUEL FARM	13	SAME
FORT MYERS JET CENTER OFFICE	14	SAME
FORT MYERS JET CENTER HANGARS	15	A
VOR FACILITY	16	SAME
FORT MYERS JET CENTER A.G. FUEL FARM	17	SAME
FORT MYERS JET CENTER	18	SAME
JET SOUTH HANGAR	19	SAME
FORT MYERS AIRWAYS MAINTENANCE HANGAR	20	A
FORT MYERS AIRWAYS T-HANGARS	21	A
FORT MYERS AIRWAYS SHADE HANGARS	22	SAME
FORT MYERS AIRWAYS HANGAR	23	SAME
REMOTE COMMUNICATIONS OUTLET	24	SAME
FORT MYERS AIRWAYS OFFICE / MIKE'S LANDING RESTAURANT	25	SAME
SHADY REST HOME	26	A
CHILDREN'S HOME	27	SAME
FLORIDA HIGHWAY PATROL	28	SAME
DEPARTMENT OF MOTOR VEHICLES	29	SAME
FAA OFFICE/FSS	30	SAME
EA HANGAR EXPANSION AREA	N/A	A
CORPORATE HANGAR EXPANSION AREA	N/A	A
PUBLIC INSTITUTION'S AVIATION WING	N/A	A

DRAWN	REVIEWED	APPROVALS
S. LEWIS 1993	LARRY BROWN 1993	
S. CRUMBLE 1993	LARRY BROWN 1993	

ADAPTATIONS TO STANDARDS
PREVIOUS APPROVALS
JAMES E. SHEPPARD 9-4-90
DRL-400 MSN
FAA ADAPTATION FOR
RPZ'S 9/23 & 13/31

DATE
FAA
DATE
LEE COUNTY PORT AUTHORITY

AIRPORT DATA

AIRPORT ELEVATION	16.2 MSL
AIRPORT AND TERMINAL NAVIGATIONAL AIDS	TOWER
MEAN MAXIMUM TEMPERATURE - HOTTEST MONTH	90.7 F
AIRPORT REFERENCE POINT COORDINATES (ARP) (NAD 1983/1990 FINAL ADJUSTMENT)	26° 35' 09"N LAT 81° 51' 51"W LON
AIRPORT REFERENCE CODE (ARC)	C-III

DECLARED DISTANCES TABLE

AIRCRAFT APPROACH CATEGORY C
AIRPLANE DESIGN GROUP III
PRECISION INSTRUMENT RUNWAY & NON-PRECISION INSTRUMENT/VISUAL RUNWAY

	TORA	TODA	ASDA	LDA
RUNWAY 9	6,401'	6,401'	6,401'	6,047'
RUNWAY 23	6,401'	6,401'	6,401'	6,001'
RUNWAY 13	4,997'	4,997'	4,997'	4,247'
RUNWAY 31	4,247'	4,997'	4,997'	4,997'

CONSTRUCTION NOTICE REQUIREMENT

TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION.

FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH AN AIRPORT IMPROVEMENT GRANT FROM THE FEDERAL AVIATION ADMINISTRATION (FAA) AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AND AS AMENDED BY THE AIRPORT AND AIRWAY SAFETY CAPABILITY EXPANSION ACT OF 1987. THE CONTENTS OF THIS REPORT REFLECT THE VIEWS OF CARTER & BURGESS, INC., WHICH IS RESPONSIBLE FOR THE FACTS AND ACCURACY OF THE DATA HEREIN. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE WITH PUBLIC LAWS 91-190, 91-258, 94-353, AND/OR 98-620.

Airport Layout Plan

PAGE FIELD
FORT MYERS, FLORIDA
LEE COUNTY PORT AUTHORITY

Carter Burgess
CARTER & BURGESS, INC

1993

SHEET #1 OF 4

Exhibit 7-1