IFR		
DIRECTION	10.5 KNOTS	16 KNOTS
6	52.07	54.245
24	36.08	37.055
CALMS	8.6	8.6
TOTAL	96.75	99.9
DIRECTION	10.5 KNOTS	13 KNOTS
18	41.23	41.4
36	49.69	49.8
CALMS	8.6	8.6
TOTAL	99.52	99.8

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

STATION: AUGUSTA, GA BUSH FIELD

PERIOD COVERED 1985-1994

AIKEN MUNICIPAL AIRPORT
IFR WEATHER WIND ROSE

ALL WEATHER		
DIRECTION	10.5 KNOTS	16 KNOTS
6	43.3	42.57
24	48	50.28
CALMS	7.1	7.1
TOTAL	98.4	99.95
DIRECTION	10.5 KNOTS	13 KNOTS
18	45.82	47.06
36	42.2	43.56
CALMS	7.1	7.1
TOTAL	95.12	97.72

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

STATION: AUGUSTA, GA BUSH FIELD

PERIOD COVERED 1985-1994

AIKEN MUNICIPAL AIRPORT
ALL WEATHER WIND ROSE

* NOTE: WIND COVERAGE'S MAY NOT TOTAL DUE TO INDEPENDENT ROUNDING.

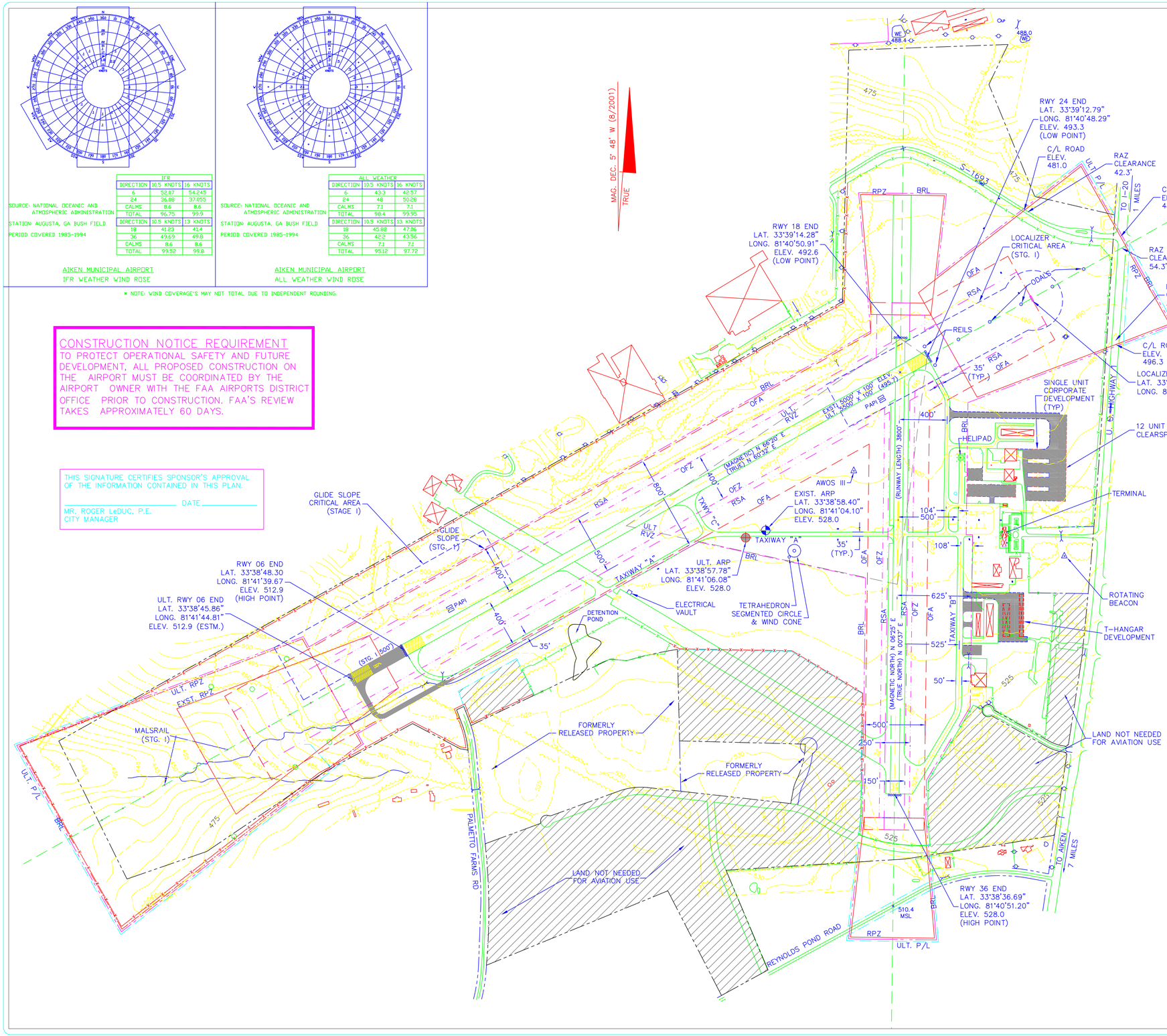
CONSTRUCTION NOTICE REQUIREMENT

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.

THIS SIGNATURE CERTIFIES SPONSOR'S APPROVAL OF THE INFORMATION CONTAINED IN THIS PLAN.

_____ DATE _____

MR. ROGER LeDUC, P.E.
CITY MANAGER



NOTE:
1: ALL LATITUDE AND LONGITUDE COORDINATES ARE IN NAD '83 FORMAT.

2: ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD 88.

3: FOR GREATER DETAIL AND SUGGESTED STAGING OF TERMINAL AREA, REFER TO TERMINAL AREA PLAN.

4: MAGNETIC BEARING FOR RUNWAY 6/24 AND RUNWAY 18/36 WILL CHANGE TO 7/25 AND 19/37 DURING THE NEXT PAINTING PROJECT.

LEGEND	EXISTING	ULTIMATE
PROPERTY LINE		
BUILDING RESTRICTION LINE		
RUNWAY PROTECTION ZONE		
PAVEMENT		
BUILDINGS		
FENCING		
GROUND CONTOUR	515	N/C
WOODED AREA		N/C
DITCH/CREEK		N/C
AIRPORT REFERENCE POINT		
RUNWAY VISIBILITY ZONE		
RUNWAY SAFETY AREA (RSA)		
OBJECT FREE AREA (OFA)		
OBSTACLE FREE ZONE		
THRESHOLD LIGHTS		
PROPERTY FOR INDUSTRIAL PARK		
PROPERTY FOR FUTURE AVIATION USE		

GENERAL DATA	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	C-II	C-II
ESTABLISHED AIRPORT ELEV.	528.00 MSL	N/C
MEAN DAILY MAX. TEMPERATURE	76° F	N/C
TAXIWAY PVT. STRENGTH (IN POUNDS)	DW 40,000	DW 65,000
APRON PAVEMENT STRENGTH (IN POUNDS)	DW 40,000	DW 65,000
TAXIWAY LIGHTING	MITL	MITL
NAVAIDS	ROTATING BEACON, NDB, AWOS III	N/C
AIRPORT REFERENCE POINT (ARP)	LAT. 33° 38' 57.78" N LONG. 81° 41' 06.08" W	N/C

RUNWAY DATA (06-24)	EXISTING	STAGE I	STAGE II	STAGE III
DESIGN GROUP	CII	N/C	N/C	N/C
RUNWAY LENGTH & WIDTH	5,500' X 100'	N/C	N/C	N/C
EFFECTIVE GRADIENT (%)	0.38	N/C	N/C	N/C
SURFACE MATERIAL	ASPHALT	N/C	N/C	N/C
PAVEMENT STRENGTH (IN POUNDS)	DW 40,000	DW 65,000	N/C	DW 72,000
RUNWAY LIGHTING	MIRL	HIRL	N/C	N/C
RUNWAY MARKING/TYPE	NP/NP	P/P	N/C	N/C
RUNWAY END 6 COORDINATES	LAT. 33° 38' 45.86" N LONG. 81° 41' 44.81" W	N/C	N/C	N/C
RUNWAY END 24 COORDINATES	LAT. 33° 39' 12.79" N LONG. 81° 40' 48.29"	N/C	N/C	N/C
VISUAL NAVAIDS	RWY 6: 2-BOX PAPI RWY 24: 2-BOX PAPI, ODALS	RWY 6: MALSRAIL RWY 24: N/C	N/C	N/C
OBJECT FREE AREA	7,000' X 800'	N/C	N/C	N/C
OBSTACLE FREE ZONE	5,900' X 400'	N/C	N/C	N/C
RUNWAY SAFETY AREA	7,500 X 500'	N/C	N/C	N/C
RUNWAY 6 RPZ	500' X 1,700' X 1,010'	1,000' X 2,500' X 1,750'	N/C	N/C
RUNWAY 24 RPZ	1,000' X 1,700' X 1,510'	N/C	N/C	N/C
PART 77 PRIMARY SURFACE 6/24	5,900' X 1,000'	N/C	N/C	N/C
PART 77 APPROACH ZONE- RUNWAY 6	1,000' X 10,000' X 3,500'	1,000' X 50,000' X 16,000'	N/C	N/C
PART 77 APPROACH ZONE - RUNWAY 24	1,000' X 10,000' X 3,500'	N/C	N/C	N/C
PART 77 APPROACH SLOPE - RUNWAY 6	34:1	50:1 - 10,000 40:1 - 40,000	N/C	N/C
PART 77 APPROACH SLOPE - RUNWAY 24	34:1	N/C	N/C	N/C

RUNWAY DATA (18-36)	EXISTING	STAGE I	STAGE II	STAGE III
DESIGN GROUP	BII	N/C	N/C	N/C
RUNWAY LENGTH & WIDTH	3,800' X 75'	N/C	N/C	N/C
EFFECTIVE GRADIENT (%)	0.93	N/C	N/C	N/C
SURFACE MATERIAL	ASPHALT	N/C	N/C	N/C
PAVEMENT STRENGTH (IN POUNDS)	SW 20,000	N/C	N/C	N/C
RUNWAY LIGHTING	N/A	N/C	N/C	N/C
RUNWAY MARKING/TYPE	BASIC/VISUAL	N/C	N/C	N/C
RUNWAY END 18 COORDINATES	LAT. 33° 39' 14.28" N LONG. 81° 40' 50.91" W	N/C	N/C	N/C
RUNWAY END 36 COORDINATES	LAT. 33° 38' 36.69" N LONG. 81° 40' 51.20" W	N/C	N/C	N/C
VISUAL NAVAIDS	N/A	N/C	N/C	N/C
OBJECT FREE AREA	4,400' X 500'	N/C	N/C	N/C
OBSTACLE FREE ZONE	4,200' X 250'	N/C	N/C	N/C
RUNWAY SAFETY AREA	4,400' X 150'	N/C	N/C	N/C
RUNWAY 18 RPZ	500' X 700' X 1,000'	N/C	N/C	N/C
RUNWAY 36 RPZ	500' X 700' X 1,000'	N/C	N/C	N/C
PART 77 PRIMARY SURFACE 18/36	4,200' X 500'	N/C	N/C	N/C
PART 77 APPROACH ZONE- RUNWAY 18	500' X 1,500' X 5,000'	N/C	N/C	N/C
PART 77 APPROACH ZONE - RUNWAY 36	500' X 1,500' X 5,000'	N/C	N/C	N/C
PART 77 APPROACH SLOPE - RUNWAY 18	20:1	N/C	N/C	N/C
PART 77 APPROACH SLOPE - RUNWAY 36	20:1	N/C	N/C	N/C

INSERTION LAYER	
XREF PATH	
XREF NAME	

DESCRIPTION	NAME	NUMBER
SURVEYED BY		
FIELDBOOK		
CADD FILE		

REV. NO.	DESCRIPTION	DATE
2	UPDATED FOR FAA AIP NO. 3-45-0002-08 - EXTENSION	9/16/03
1	UPDATED FOR FAA AIP NO. 3-45-0002-07 - FENCING	11/19/01

REVISIONS

PROJECT MANAGER: GAV
DRAWN BY: FDL/RBT
APPROVED BY: GAV
FILE NAME: 98195ALP
DRAWING SCALE: 1" = 400'
PROJECT DATE: 4/2001
PROJECT NUMBER: 98195.30
PLOT DATE: 10/1/01

WK DICKSON
Engineers • Planners • Surveyors
Landscape Architects

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Atlanta, GA Raleigh, NC
Charlotte, NC Wilmington, NC
Columbia, SC

RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

2003

AIKEN MUNICIPAL AIRPORT
AIKEN, SOUTH CAROLINA

AIRPORT LAYOUT PLAN

2/10

D-3334