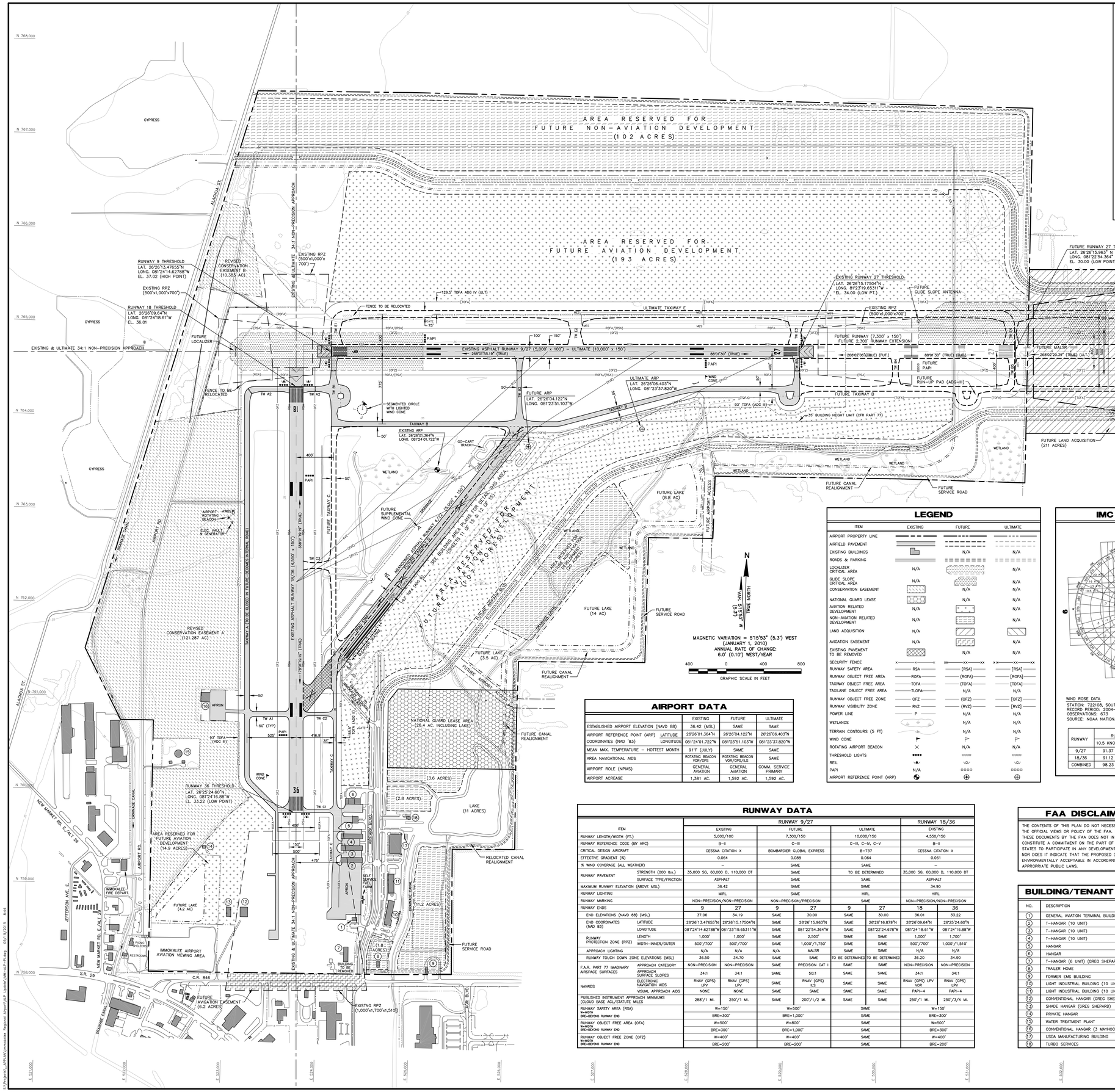
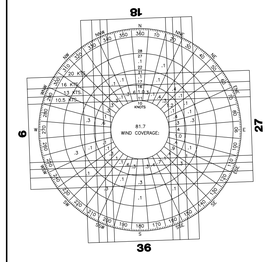


LEGEND

ITEM	EXISTING	FUTURE	ULTIMATE
AIRPORT PROPERTY LINE			
AIRFIELD PAVEMENT			
EXISTING BUILDINGS		N/A	N/A
ROADS & PARKING			
LOCALIZER CRITICAL AREA	N/A		N/A
GLIDE SLOPE CRITICAL AREA	N/A		N/A
CONSERVATION EASEMENT		N/A	N/A
NATIONAL GUARD LEASE		N/A	N/A
AVIATION RELATED DEVELOPMENT	N/A		N/A
NON-AVIATION RELATED DEVELOPMENT	N/A		N/A
LAND ACQUISITION	N/A		
AVIGATION EASEMENT	N/A		N/A
EXISTING PAVEMENT TO BE REMOVED		N/A	N/A
SECURITY FENCE			
RUNWAY SAFETY AREA	RSA	(RSA)	[RSA]
RUNWAY OBJECT FREE AREA	ROFA	(ROFA)	[ROFA]
TAXIWAY OBJECT FREE AREA	TOFA	(TOFA)	[TOFA]
TAXILANE OBJECT FREE AREA	TLOFA	N/A	N/A
RUNWAY OBJECT FREE ZONE	OFZ	(OFZ)	[OFZ]
RUNWAY VISIBILITY ZONE	RVZ	(RVZ)	[RVZ]
POWER LINE	P	N/A	N/A
WETLANDS		N/A	N/A
TERRAIN CONTOURS (5 FT)		N/A	N/A
WIND CONE			
ROTATING AIRPORT BEACON		N/A	N/A
THRESHOLD LIGHTS			
REIL			
PAPI	N/A		
AIRPORT REFERENCE POINT (ARP)			

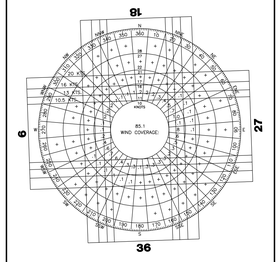
IMC WIND ROSE



WIND ROSE DATA
STATION: 722108, SOUTHWEST FLORIDA INT'L. AIRPORT
RECORD PERIOD: 2004–2014
OBSERVATIONS: 673
SOURCE: NOAA NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, N.C.

RUNWAY	IMC LOWEST MINIMUMS RUNWAY WIND COVERAGE BY PERCENT			
	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
9/27	91.37	94.68	97.91	99.07
18/36	91.12	95.02	98.19	99.46
COMBINED	98.23	99.37	99.95	100.00

ALL WEATHER WIND ROSE



WIND ROSE DATA
STATION: 722108, SOUTHWEST FLORIDA INT'L. AIRPORT
RECORD PERIOD: 2004–2014
OBSERVATIONS: 100,080
SOURCE: NOAA NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, N.C.

RUNWAY	ALL–WEATHER RUNWAY WIND COVERAGE BY PERCENT			
	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
9/27	95.21	97.58	99.30	99.81
18/36	91.40	95.40	99.02	99.82
COMBINED	99.06	99.74	99.93	99.99

AIRPORT DATA

		EXISTING	FUTURE	ULTIMATE
ESTABLISHED AIRPORT ELEVATION (NAVD 88)		36.42 (MSL)	SAME	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD '83)	LATITUDE	26°26'01.364"N	26°26'04.122"N	26°26'06.403"N
	LONGITUDE	081°24'01.722"W	081°23'51.103"W	081°23'37.820"W
MEAN MAX. TEMPERATURE – HOTTEST MONTH		91°F (JULY)	SAME	SAME
AREA NAVIGATIONAL AIDS		ROTATING BEACON VOR/GPS	ROTATING BEACON VOR/GPS/ILS	SAME
AIRPORT ROLE (NPIAS)		GENERAL AVIATION	GENERAL AVIATION	COMM. SERVICE PRIMARY
AIRPORT ACREAGE		1,381 AC.	1,592 AC.	1,592 AC.

RUNWAY DATA

ITEM		RUNWAY 9/27 EXISTING	RUNWAY 9/27 FUTURE	RUNWAY 9/27 ULTIMATE	RUNWAY 18/36 EXISTING	
RUNWAY LENGTH/WIDTH (FT.)		5,000/100	7,300/150	10,000/150	4,550/150	
RUNWAY REFERENCE CODE (BY ARC)		B–II	C–III	C–III, C–IV, C–V	B–II	
CRITICAL DESIGN AIRCRAFT		CESSNA CITATION X	BOMBARDIER GLOBAL EXPRESS	B–737	CESSNA CITATION X	
EFFECTIVE GRADIENT (%)		0.064	0.088	0.064	0.061	
% WIND COVERAGE (ALL WEATHER)		–	SAME	SAME	–	
RUNWAY PAVEMENT	STRENGTH (000 lbs.)	35,000 SG, 60,000 D, 110,000 DT	SAME	TO BE DETERMINED	35,000 SG, 60,000 D, 110,000 DT	
	SURFACE TYPE/FRICTION	ASPHALT	SAME	SAME	ASPHALT	
MAXIMUM RUNWAY ELEVATION (ABOVE MSL)		36.42	SAME	SAME	34.90	
RUNWAY LIGHTING		MIRL	SAME	HIRL	HIRL	
RUNWAY MARKING		NON–PRECISION/NON–PRECISION	NON–PRECISION/PRECISION	SAME	NON–PRECISION/NON–PRECISION	
RUNWAY ENDS		9	27	9 27	18	36
END ELEVATIONS (NAVD 88) (MSL)		37.06	34.19	SAME 30.00	SAME 36.01	33.22
END COORDINATES (NAD 83)	LATITUDE	26°26'13.47655"N	26°26'15.17504"N	SAME 26°26'15.963"N	SAME 26°26'16.879"N	26°26'09.64"N 26°25'24.60"N
	LONGITUDE	081°24'14.62788"W	081°23'19.65311"W	SAME 081°22'54.364"W	SAME 081°22'24.678"W	081°24'18.61"W 081°24'16.88"W
RUNWAY PROTECTION ZONE (RPZ)	LENGTH	1,000'	1,000'	SAME 2,500'	SAME 1,000'	1,700'
	WIDTH–INNER/OUTER	500'/700'	500'/700'	SAME 1,000'/1,750'	SAME 500'/700'	1,000'/1,510'
APPROACH LIGHTING		N/A	N/A	N/A MALSR	SAME SAME	N/A N/A
RUNWAY TOUCH DOWN ZONE ELEVATIONS (MSL)		36.50	34.70	SAME SAME	TO BE DETERMINED TO BE DETERMINED	36.20 34.90
F.A.R. PART 77 IMAGINARY AIRSPACE SURFACES	APPROACH CATEGORY	NON–PRECISION	NON–PRECISION	SAME PRECISION CAT I	SAME SAME	NON–PRECISION NON–PRECISION
	APPROACH SURFACE SLOPES	34:1	34:1	SAME 50:1	SAME SAME	34:1 34:1
NAVAIDS	ELECTRONIC NAVIGATION AIDS	RNAV (GPS) LPV	RNAV (GPS) LPV	SAME RNAV (GPS) ILS	SAME SAME	RNAV (GPS) LPV VOR RNAV (GPS) LPV
	VISUAL APPROACH AIDS	NONE	NONE	SAME SAME	SAME SAME	PAPI–4 PAPI–4
PUBLISHED INSTRUMENT APPROACH MINIMUMS (CLOUD BASE AGL/STATUTE MILES)		288'/1 MI.	250'/1 MI.	SAME 200'/1/2 MI.	SAME SAME	250'/1 MI. 250'/3/4 MI.
RUNWAY SAFETY AREA (RSA) W=WIDTH BRE=BEYOND RUNWAY END		W=150' BRE=300'	W=500' BRE=1,000'	SAME SAME	W=150' BRE=300'	
RUNWAY OBJECT FREE AREA (OFA) W=WIDTH BRE=BEYOND RUNWAY END		W=500' BRE=300'	W=800' BRE=1,000'	SAME SAME	W=500' BRE=300'	
RUNWAY OBJECT FREE ZONE (OFZ) W=WIDTH BRE=BEYOND RUNWAY END		W=400' BRE=200'	W=400' BRE=200'	SAME SAME	W=400' BRE=200'	

FAA DISCLAIMER

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS 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 IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

BUILDING/TENANT INDEX

NO.	DESCRIPTION	ELEVATION AGL/MSL
1	GENERAL AVIATION TERMINAL BUILDING	20/57
2	T–HANGAR (10 UNIT)	17/54
3	T–HANGAR (10 UNIT)	17/54
4	T–HANGAR (10 UNIT)	17/54
5	HANGAR	25/62
6	HANGAR	25/62
7	T–HANGAR (6 UNIT) (GREG SHEPARD)	15/52
8	TRAILER HOME	10/47
9	FORMER EMS BUILDING	15/52
10	LIGHT INDUSTRIAL BUILDING (10 UNIT)	17/54
11	LIGHT INDUSTRIAL BUILDING (10 UNIT)	30/67
12	CONVENTIONAL HANGAR (GREG SHEPARD)	15/52
13	SHADE HANGAR (GREG SHEPARD)	10/47
14	PRIVATE HANGAR	12/49
15	WATER TREATMENT PLANT	30/67
16	CONVENTIONAL HANGAR (3 MAYHOODS)	20/57
17	USDA MANUFACTURING BUILDING	30/67
18	TURBO SERVICES	19/56

FAA APPROVAL BLOCK

DRAFT
MAY 2015

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 AIRPORT'S DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

SPONSOR APPROVAL

APPROVED BY _____ AIRPORT DIRECTOR _____ DATE _____

NO.	REVISIONS	BY	APP.	DATE
1	DECOUPLED RUNWAYS, CHANGED FUTURE GEOMETRY, UPDATED BASE & REVISED DATA TABLES	RJM	MLT	3/13
2	DEPICTION OF IMMOKALEE REGIONAL RACEWAY	RJM	MLT	3/14
3	CONDITIONS FOLLOWING RUNWAY DECOUPLING, RUNWAY 4/22 RUNWAY/TAXIWAY CLOSED MARKINGS, RUNWAY END COORDS. & ELEVS. REVISED ARP INFORMATION	RJM	MLT	5/15

AIRPORT LAYOUT PLAN

IMMOKALEE REGIONAL AIRPORT
IMMOKALEE, FLORIDA

PREPARED FOR
COLLIER COUNTY AIRPORT AUTHORITY

GENERAL CONSULTANTS
URS

DESIGNED: MLT
DRAWN: RJM CHECKED: MLT
PROJECT MANAGER: MLT
PROJECT DIRECTOR: MLT

DATE: 5/15
SHEET: 1 OF 14