

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> MLB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MELBOURNE	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 33	<u>TDZE</u> 32	<u>SUPERSEDED</u> RNAV (GPS) RWY 27R	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
INDIA		IGMIF		TF	FB	1.00	135.42	22.61	2000
WIXED		OPTOZ		TF	FB	1.00	018.49	20.71	2000
IGMIF	IAF	LIQNI	NOPT	TF	FB	1.00	195.02	5.05	2000
OPTOZ	IAF	LIQNI	NOPT	TF	FB	1.00	353.70	5.31	2000
LIQNI	IF/IAF	HUKDI		TF	FB	1.00	273.99	6.00	1500
HUKDI	FAF	RW27R	MAP	TF	FO	0.30	273.92	4.46	
RW27R	MAP	232 MSL		CA			273.92		
232 MSL		CEJNO		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT CEJNO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD E LIQNI, RT, 273.99 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 273.92 **FAF:** HUKDI **DIST FAF TO MAP:** 4.46 **DIST FAF TO THLD:** 4.46
- MIN ALT:** LIQNI 2000, HUKDI 1500
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.47 **GS ANT:**
- MIN GP INCPT:** 1500 **GP ALT AT PFAF:** HUKDI 1500 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.0
- MSA FROM:** RW27R 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INDIA ON V3 NORTHBOUND.
 CHART SPEED ICON IN PLANVIEW AT IGMIF: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT OPTOZ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 093.79 INBOUND.
 CHART FAS OBST: 123 BUILDING (12-085128) 280642N/0803422W.
 CHART 182 BLDG_TWR (12-001489) 280553N/0803405W.
 CHART W-497B.
 CHART VDP AT 1.05 NM TO RW27R.
 WAAS CHANNEL # 50101
 REFERENCE PATH ID: W27A
 LTP HAE: -20.3 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 900-2 3/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	232	3/4	200	232	3/4	200	232	3/4	200	232	3/4	200			
LNAV/VNAV DA	282	3/4	250	282	3/4	250	282	3/4	250	282	3/4	250			
LNAV MDA	400	1	368	400	1	368	400	1	368	400	1	368			
CIRCLING	500	1	467	560	1	527	680	1 3/4	647	880	2 3/4	847			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED TRV VORTAC FEEDER - TRV VOR MON PROGRAM.
2. TERMINAL ROUTES: ADDED WIXED FEEDER - PER ATC REQUEST.
3. TERMINAL ROUTES: CHANGED IF SEGMENT COURSE FROM 273.98 TO 273.99 - FAF RELOCATED BASED ON GPA/TCH.
4. TERMINAL ROUTES: CHANGED FINAL SEGMENT COURSE FROM 273.93 TO 273.92 - FAF RELOCATED BASED ON GPA/TCH.
5. TERMINAL ROUTES: CHANGED CA ALTITUDE FROM 226 TO 232 - BASED ON LPV MINS.
6. PROFILE LINE 2: CHANGED FROM "HOLD E LIQNI, RT, 273.98 INBOUND, 2000 FT. IN LIEU OF PT (IAF)" TO "HOLD E LIQNI, RT, 273.99 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000" - COURSE CHANGED TO ALIGN TO IF SEGMENT COURSE, PER 8260.19J PARA 8-6-7B (2).
7. PROFILE LINE 3: CHANGED FAC FROM 273.93 TO 273.92 - FAF RELOCATED BASED ON GPA/TCH.
8. PROFILE LINE 5: ADDED "200 HAT: 0.47" - PER 8260.19J, PARA 8-6-7E(3).
9. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - NO PENETRATIONS EXIST.
10. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - PER 8260.19J, PARA 8-6-8D.
11. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C" - FAHRENHEIT VALUES NO LONGER REQUIRED, NEW EVALUATION WITH UPDATED CRITICAL TEMPERATURES.
12. CHANGED PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - UPDATED NOTE PER CURRENT CRITERIA.
13. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TRV VORTAC AIRWAY RADIALS 325 CW 350" - TRV VORTAC FEEDER REMOVED FROM PROCEDURE PER VOR MON PROGRAM.
14. ADDITIONAL FLIGHT DATA: REMOVED "**LNAV ONLY" - NO LONGER REQUIRED.
15. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "137 TREE 280651N/0803742W" TO "123 BUILDING (12-085128) 280642N/0803422W" - NEW CONTROLLING OBSTACLE.
16. ADDITIONAL FLIGHT DATA: ADDED ID "(12-001489)" TO 7:1 OBSTACLE - PER 8260.19J, PARA 8-6-11E(2).
17. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 200 HATH: 0.45 NM" - NOW DOCUMENTED ON PROFILE LINE 5.
18. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 1.00 MILES TO RW27R*" TO "CHART VDP AT 1.05 NM TO RW27R" - BASED ON 8260.3E FORMULA 2-6-5.
19. CHANGED THE ALTERNATE MINIMUMS FROM "STANDARD" TO "STANDARD - CAT D 900-2 3/4" - UPDATED 8260.3E, TABLE 3-3-1.
20. CHANGED LNAV/VNAV ALL CATS DA/HAT FROM 443/411 TO 282/250 AND ALL CATS VISIBILITY FROM 1 3/8 SM TO 3/4 SM - NEW CONTROLLING OBSTACLE, UPDATED 8260.3E, TABLE 3-3-1.
21. CHANGED CRC REMINDER FROM "A46810AF" TO "9E9E1D84" - LTP/FTP COORDINATES CHANGED FROM "280622.6900N/0803828.6000W" TO "280622.6915N/0803828.5980W" AND FPAP COORDINATES CHANGED FROM "280617.8400N/0804009.2000W" TO "280617.8255N/0804009.2035W".

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA

OTHER: MLB ATCT, ORL APP CON, ZJX.

FLIGHT CHECKED BY

Digitally signed by
JOSEPH L ZEDER
 Sep 25, 2024

OFFICE

FPO

DATE

09/20/2024

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by
JOSEPH L ZEDER
 Sep 25, 2024

OFFICE

AJV-A432

DATE

07/16/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
JOSEPH L ZEDER
 Sep 25, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER



AIRPORT ID
MLB

PROCEDURE NAME
RNAV (GPS) RWY 27R

ORIGINAL/AMENDMENT
2

CITY
MELBOURNE

STATE
FL

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMLB
RUNWAY	RW27R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	280622.6915N
LTP/FTP LONGITUDE	0803828.5980W
LTP/FTP ELLIPSOIDAL HEIGHT	-00203
FPAP LATITUDE	280617.8255N
FPAP LONGITUDE	0804009.2035W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 9E9E1D84

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00079
FPAP ORTHOMETRIC HEIGHT	+00079



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> MLB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>AMDT NO.</u> 2	<u>CITY</u> MELBOURNE	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 33	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> INDIA	<u>TO</u> IGMIF
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<u>RNP</u> 1.00	<u>DISTANCE</u> 22.61	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002290)	282405.88N/0804242.92W	285	20	3	1A	1000				AT715	2000
TERRAIN	282409.00N/0804506.00W	78 (100)								AS1500	1600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FEEDER

<u>FROM</u> WIXED	<u>TO</u> OPTOZ
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<u>RNP</u> 1.00	<u>DISTANCE</u> 20.71	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002803)	274407.65N/0802725.85W	524	250	50	4D	1000				AT476	2000
TERRAIN	274527.00N/0802645.00W	49 (0)								AS1500	1500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

QUALITY
10
CHECKED

AIRPORT ID
MLB

PROCEDURE NAME
RNAV (GPS) RWY 27R

AMDT NO.
2

CITY
MELBOURNE

STATE
FL

AIRPORT ELEVATION
33

FACILITY
RNAV

INITIAL

FROM
IGMIF

TO
LIQNI

RNP
1.00

DISTANCE
5.05

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	280654.00N/0802627.00W	300	50	20	2C	1000				AT700	2000
TERRAIN	280926.80N/0802615.98W	0 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
OPTOZ

TO
LIQNI

RNP
1.00

DISTANCE
5.31

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	280654.00N/0802627.00W	300	50	20	2C	1000				AT700	2000
TERRAIN	280420.93N/0802558.43W	0 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
MLB

PROCEDURE NAME
RNAV (GPS) RWY 27R

AMDT NO.
2

CITY
MELBOURNE

STATE
FL

AIRPORT ELEVATION
33

FACILITY
RNAV

INTERMEDIATE

FROM
LIQNI (IF/IAF)

TO
HUKDI

RNP
1.00

DISTANCE
6.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	280654.00N/0802627.00W	300	50	20	2C	500					800
TERRAIN	280646.79N/0803003.29W	0 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM
HUKDI

TO
RW27R

RNP
0.30

DISTANCE
4.46

PAT

MAP
DA

HAT
200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				232

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
MLB

PROCEDURE NAME
RNAV (GPS) RWY 27R

AMDT NO.
2

CITY
MELBOURNE

STATE
FL

AIRPORT ELEVATION
33

FACILITY
RNAV

FINAL: LNAV/VNAV

FROM
HUKDI **TO**
RW27R

RNP 0.30 **DISTANCE** 4.46 **PAT** **MAP** DA **HAT** 250 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				282

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

FINAL: LNAV

FROM
HUKDI **TO**
RW27R

RNP 0.30 **DISTANCE** 4.46 **PAT** **MAP** RW27R **HAT** 368 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (12-085128)	280642.06N/0803422.02W	123	20	3	1A	250				XP27	400

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

XP 27 TO MAINTAIN CURRENT PUBLISHED MINIMUMS.



AIRPORT ID
MLB

PROCEDURE NAME
RNAV (GPS) RWY 27R

AMDT NO.
2

CITY
MELBOURNE

STATE
FL

AIRPORT ELEVATION
33

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
CEJNO

RNP 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
121

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (12-003950)	280519.73N/0805151.36W	312	20	3	1A	1000					1400
TERRAIN	280648.00N/0804106.00W	104 (100)								AS1500	1600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
RW27R **TO**
CEJNO

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
300

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (12-003950)	280519.73N/0805151.36W	312	20	3	1A	1000					1400
TERRAIN	280648.00N/0804106.00W	104 (100)								AS1500	1600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
MLB

PROCEDURE NAME
RNAV (GPS) RWY 27R

AMDT NO.
2

CITY
MELBOURNE

STATE
FL

AIRPORT ELEVATION
33

FACILITY
RNAV

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
BUILDING (12-002246)	280523.05N/0803729.95W	1.30	467	194	20	3	1A	300			500
CATEGORY B											
TOWER (12-000555)	280449.73N/0803629.22W	1.81	527	259	20	3	1A	300			560
CATEGORY C											
TOWER (12-002260)	280315.29N/0803827.77W	2.84	647	324	500	50	5D	300		AC50	680
CATEGORY D											
TOWER (12-002052)	280250.54N/0804031.59W	3.70	847	525	250	50	4D	300		AC50	880

CIRCLING REMARKS:

MSA

CENTER **RADIUS**
RW27R 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (12-004140)	281645.00N/0810124.00W	304	22.7	1949	50	20	2C	1000			3000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



AIRPORT ID
MLB

PROCEDURE NAME
RNAV (GPS) RWY 27R

AMDT NO.
2

CITY
MELBOURNE

STATE
FL

AIRPORT ELEVATION
33

FACILITY
RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MLB TOWER, ORL APP CON, ZJX ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	MLB	24	MLB	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
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WX REMARKS:

NO BACKUP ALTIMETER DESIGNATED, REDUNDANT ALTIMETER AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW05 - MIRL (PCL), PAPI-2L	BSC-G	
RW23 - MIRL (PCL), PAPI-2L	BSC-G	
RW09L - MIRL (PCL), PAPI-4L	NPI-G	
RW27R - MIRL (PCL), PAPI-4L	NPI-G	
RW09R - MALSR (PCL), C/LINE, HIRL (PCL), TDZ, PAPI-4L (PCL)	PIR-G	APPROACH
RW27L - HIRL (PCL), C/LINE, REIL (PCL), PAPI-4L (PCL)	PIR-G	ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	26.0	55.0			3.00	39.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
+2C	+54C	+2C	+14.93C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA NOT DEVELOPED PER FPT AND AIR TRAFFIC.

100' TREES USED PER EST FPT.

SHIP HEIGHTS PER FPT: WITHIN CHANNEL 50 FT
OUTSIDE CHANNEL - SHALLOW WATER 90 FT, DEEP WATER IN VICINITY OF MAP CL OUTWARD 300 FT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 182 BLDG_TWR (12-001489) 280553.04N/0803405.28W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.89
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	266.92
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.46
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	266.92
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)

280622.69N/0803828.60W

ARP COORDINATES

280609.90N/0803842.90W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 9R DISTANCE 0.85 NM

FAF COORDINATES

280637.17N/0803326.70W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

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