

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</u> MIAMI EXECUTIVE	<u>AIRPORT ID</u> KTMB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9R	<u>ORIGINAL/AMENDMENT</u> 2D	<u>CITY</u> MIAMI	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 10	<u>TDZE</u> 10	<u>SUPERSEDED</u> RNAV (GPS) RWY 9R	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 6W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 APRIL 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-07.**

<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>
DHP VORTAC		HAXAM		TF	FO	1.00	243.64	18.47	2000
VKZ VOR/DME		HAXAM		TF	FO	1.00	261.06	27.07	2100
FOGSO	IAF	HAXAM	NOPT	TF	FB	1.00	093.37	5.43	2000
HAXAM	IF/IAF	LAYDN		TF	FB	1.00	093.24	6.10	1500
LAYDN	FAF	RW09R	MAP	TF	FO	0.30	093.27	4.52	
RW09R	MAP	210 MSL		CA			093.27		
210 MSL		JURER		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW09R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JURER AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD W HAXAM, LT, 093.23 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	093.27	FAF: LAYDN	DIST FAF TO MAP: 4.52	DIST FAF TO THLD: 4.52	
4. MIN ALT:	HAXAM 2000, LAYDN 1500				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.47	GS ANT:
6. MIN GP INCPT: 1500	GP ALT AT FAF : LAYDN 1500			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 50.3		
8. MSA FROM:	RW09R 2900				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 43°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DHP VORTAC AIRWAY RADIALS 195 CW 322.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VKZ VOR/DME ON V159 SOUTHBOUND.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MIAMI INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIAMI INTL ALTIMETER SETTING AND INCREASE ALL DA BY 27 FT AND ALL MDA 40 FT, INCREASE LNAV CATS C/D VISIBILITY 1/8 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING MIAMI INTL ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM, AND LNAV CAT C/D VISIBILITY TO 1 3/8 SM. ←

ADDITIONAL FLIGHT DATA:

CHART: 234 TOWER 253736N/0803115W
CHART FAS OBST: 110 TOWER 253819N/0802648W
CHART A-291D
CHART VDP AT 1.24 NM TO RW09R*
*LNAV ONLY
WAAS CHANNEL #72900
REFERENCE PATH ID: W09A
HOLD W, RT, 087.28 INBOUND
LTP HAE: -21.8 M



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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	210	1/2	200	210	1/2	200	210	1/2	200	210	1/2	200			
LNAV/VNAV DA	302	1/2	292	302	1/2	292	302	1/2	292	302	1/2	292			
LNAV MDA	460	1/2	450	460	1/2	450	460	7/8	450	460	7/8	450			
CIRCLING	460	1	450	460	1	450	460	1 1/2	450	640	2	630			

CHANGES - REASONS

- 1. INCORPORATED P-NOTAMS 5/4464, 6/3012 AND 7/3768 - 8260.19H PARA 8-3-4 C.
- 2. ADDED RWY 31 TO CIRCLING NA NOTE - RUNWAY DOES NOT HAVE PROPER SURVEY.
- 3. ADDED INOPERATIVE ALS CHART NOTE AND REMOVED CAT C CIRCLING VISIBILITY INCREASE - NEW VISIBILITY TABLE VALUES APPLIED.
- 4. REMOVED DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENT NOTE: RNP APCH - 8260.19H 8-6-8 B AND 8260.58A TABLE 1-2-1.
- 5. CHANGED FEEDER RNP VALUES FROM 2.00 TO 1.00 - 8260.58A TABLE 1-2-1
- 6. CORRECTED CAT C CIRCLING VISIBILITY FROM 1 1/8 TO 1 1/2 - 8260.3D TABLE 3-3-7.
- 7. ADDED 20:1 IS CLEAR TO LINE 7 - 8260.19H 8-6-7 G.3
- 8. REMOVED FAHRENHEIT TEMPS FROM BARO-VNAV SYSTEMS NOTE - NO LONGER REQUIRED.

2/13/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/11/18.
1. CHANGED "MIAMI INTL" TO "MIAMI INTL ALTIMETER SETTING" IN INOPERATIVE MALSR NOTE. - CORRECTED TYPO.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMA, MIA APP CON, AMGR, ATCT, FL AERO

FLIGHT CHECKED BY
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY
ROBERT G HAMILTON (STEVEN WINNER)

APPROVED BY
JULIE MORGAN

OFFICE

OFFICE
AJV-5422

OFFICE
AJV-5420

DATE

DATE
11/09/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Feb 15, 2019

Digitally signed by
ROBERT G HAMILTON
Feb 15, 2019

Digitally signed by
ROBERT G HAMILTON
Feb 15, 2019

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTMB
RUNWAY	RW09R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	253834.4430N
LTP/FTP LONGITUDE	0802627.9430W
LTP/FTP ELLIPSOIDAL HEIGHT	-00218
FPAP LATITUDE	253838.6400N
FPAP LONGITUDE	0802449.4500W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
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	B4E7EAC1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00030
FPAP ORTHOMETRIC HEIGHT	+00030

