

**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.

AIRPORT ID MYR	PROCEDURE NAME RNAV (GPS) RWY 18	ORIGINAL/AMENDMENT 4C	CITY MYRTLE BEACH	STATE SC
AIRPORT ELEVATION 25	TDZE 23	SUPERSEDED RNAV (GPS) RWY 18	DATED 06/21/2018	MAG VAR 9W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 21 MARCH 2024	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 117/30 CW 237/30	NOPT	117/10 CW 237/10		2700
2. 117/10 CW 237/10		PEDEE	IF/IAF	2000
3. 237/30 CW 357/30		ZEVIM	IAF	2000
4. 357/30 CW 117/30		WOPSU	IAF	2100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZEVIM	IAF	PEDEE	NOPT	TF	FB	1.00	237.24	7.70	2000
WOPSU	IAF	PEDEE	NOPT	TF	FB	1.00	117.10	7.70	2000
PEDEE	IF/IAF	BEVET		TF	FB	1.00	177.19	6.05	1600
BEVET	FAF	JOKIX/2.50 NM TO RW18		TF	FB	0.30	177.19	2.29	
JOKIX/2.50 NM TO RW18		RW18	MAP	TF	FO	0.30	177.19	2.50	
RW18	MAP	500 MSL		CA			177.19		500
500 MSL		PLANN		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT PLANN 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 N PEDEE, RT, 177.19 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | |
| 3. FAC: | 177.19 | FAF: BEVET | DIST FAF TO MAP: 4.79 | DIST FAF TO THLD: 4.79 | |
| 4. MIN ALT: | PEDEE 2000, BEVET 1600, JOKIX/2.50 NM TO RW18 860 | | | | |
| 5. DIST TO THLD FROM OM: | | MM: | IM: | 150 HAT: | 200 HAT: 0.46 |
| 6. MIN GP INCPT: 1600 | GP ALT AT PFAF: BEVET 1600 | | | OM: | GS ANT: |
| 7. GP ANGLE: 3.00 | 34:1: IS CLEAR | 20:1: IS CLEAR | TCH: 52.3 | | MM: |
| 8. MSA FROM: | | | | | IM: |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, INCREASE LNAV/VNAV CAT E VISIBILITY TO 1 1/2 MILE AND INCREASE LNAV CATS C, D AND E VISIBILITY TO RVR 6000.
 CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 HOLD SW, RT, 059.52 INBOUND.
 CHART FAS OBST: 178 TRANSMISSION_LINE (45-020963) 334245N/0785533W.
 CHART VDP AT 1.16 NM TO RW18.
 WAAS CHANNEL # 93819
 REFERENCE PATH ID: W18A
 LTP HAE: -27.8 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2

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*	223	2400	200	223	2400	200	223	2400	200	223	2400	200	223	2400	200	200
LNAV/VNAV DA	465	5000	442	465	5000	442	465	5000	442	465	5000	442	465	5000	442	442
LNAV MDA	440	2400	417	440	2400	417	440	4000	417	440	4000	417	440	4000	417	417
CIRCLING	560	1	535	560	1	535	700	2	675	700	2 1/4	675	700	2 1/2	675	675



CHANGES - REASONS

1. TERMINAL ROUTE UPDATE: INITIAL ROUTE CHANGED FROM "ZEVIM - UXDEP" TO "ZEVIM - PEDEE". PEDEE REPLACED UXDEP PER FPT CHECKLIST.
2. TERMINAL ROUTE UPDATE: INITIAL ROUTE CHANGED FROM "WOPSU - UXDEP" TO "WOPSU - PEDEE". PEDEE REPLACED UXDEP PER FPT CHECKLIST.
3. TERMINAL ROUTE UPDATE: INTERMEDIATE ROUTE CHANGED FROM "UXDEP - BEVET" TO "PEDEE - BEVET" - PEDEE REPLACED UXDEP PER FPT CHECKLIST.
4. LINE 4 UPDATE: CHANGED MIN. ALT FROM UXDEP 2000, BEVET 1600, JOKIX/2.50 NM TO RW18 860* TO PEDEE 2000, BEVET 1600, JOKIX/2.50 NM TO RW18 860 - PEDEE REPLACED UXDEP PER FPT CHECKLIST.
5. LINE 7 UPDATE: ADDED 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G.(3).
6. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - IAW 8260.19I PARA 8-6-9R.
7. ADDITIONAL FLIGHT DATA UPDATE: REMOVED *LNAV ONLY - *LNAV ONLY NO LONGER REQUIRED.
8. TAA UPDATE: LEG 2 CHANGED FROM "117/10 CW 237/10 - UXDEP (IF/IAF)" TO "117/10 CW 237/10 - PEDEE (IF/IAF)" - PEDEE REPLACED UXDEP PER FPT CHECKLIST.
9. CRC REMAINDER CHANGED FROM 5F156093 TO 0BE0E2FF - LTP/FTP LATITUDE/LONGITUDE CHANGED FROM 334133.0835N/0785553.4505W TO 334133.0840N/0785553.4500W. LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM - 00279 TO - 00278. LTP/FPAP ORTHOMETRIC HEIGHT CHANGED FROM +00067 TO +00069.
10. LINE 5 UPDATE: ADDED HAT 200: 0.46 - REQUIREMENT FOR PROCEDURE WITH LPV AND LNAV/VNAV MINS.
11. UPDATED LINE 2: CHANGED FROM HOLD N UXDEP, RT 177.19 INBOUND, 2000 IN LIEU OF PT (IAF) TO HOLD N PEDEE, RT 177.19 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 6000 - PEDEE REPLACED UXDEP PER FPT CHECKLIST. MAX 6000 ADDED PER IAW 8260.19I, PARA 8-6-7B(2).
12. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19I, PARA 8-6-8.B.(2).
13. DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H, PARA 4-6-10E AND MEMO 266 DATED 7/18/2018.
14. CHANGED CIRCLING C, D AND E MDA/HAA FROM 740/715 TO 700/675 - CONTROLLING OBSTACLE (TOWER 45-001439) ELEVATION CHANGED FROM 387 TO 393 AND AC CHANGED FROM 5D TO 1B.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER:
 ZJX, MYR APP CON, AIRPORT MANAGER, MYR ATCT, ATA

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by

ROBERT G HAMILTON

Dec 06, 2023

OFFICE

FPO

DATE

11/30/2023

DEVELOPED BY

KWEKU DONKOR

Digitally signed by

KWEKU DONKOR

Nov 08, 2023

OFFICE

AJV-A433

DATE

10/25/2023

APPROVED BY

BEV L BORDY

Digitally signed by

ROBERT G HAMILTON

Dec 06, 2023

OFFICE

AJV-A430

DATE

TITLE
MANAGER



AIRPORT ID
MYR

PROCEDURE NAME
RNAV (GPS) RWY 18

ORIGINAL/AMENDMENT
4C

CITY
MYRTLE BEACH

STATE
SC

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMYR
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	334133.0840N
LTP/FTP LONGITUDE	0785553.4500W
LTP/FTP ELLIPSOIDAL HEIGHT	-00278
FPAP LATITUDE	334001.0545N
FPAP LONGITUDE	0785530.4675W
THRESHOLD CROSSING HEIGHT (TCH)	00052.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 0BE0E2FF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00069
FPAP ORTHOMETRIC HEIGHT	+00069

