

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> KCRE	<u>PROCEDURE NAME</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 12B	<u>CITY</u> NORTH MYRTLE BEACH	<u>STATE</u> SC		
<u>AIRPORT ELEVATION</u> 32	<u>TDZE</u> 30	<u>SUPERSEDED</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 12A	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 8W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-CRE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
CRE VORTAC		FIPEG/I-CRE 11.97 DME					049.64	11.26	2000
ASHES/CRE VORTAC 18.52 DME	IAF	FIPEG/I-CRE 11.97 DME	NOPT				176.00 & 234.08	5.96 (HDG) & 3.47 (I-CRE)	2000
CHAMS INT/CRE VORTAC 16.59 DME	IAF	FIPEG/I-CRE 11.97 DME	NOPT				279.00 & 234.08	2.48 (HDG) & 3.47 (I-CRE)	2000
FIPEG/I-CRE 11.97 DME	IF/IAF	GAPNY/I-CRE 5.90 DME					234.08	6.07 (I-CRE)	1600

MISSED APPROACH

MAP:

ILS: DA
 LOC: 4.76 NM AFTER GAPNY/I-CRE 5.90 DME OR AT I-CRE 1.14 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 DIRECT CRE VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE FIPEG, RT, 234.08 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4500.
3. FAC: 234.08 FAF: GAPNY/I-CRE 5.90 DME DIST FAF TO MAP: 4.76 DIST FAF TO THLD: 4.76
4. MIN ALT: FIPEG/I-CRE 11.97 DME 2000, GAPNY/I-CRE 5.90 DME 1600, MUQTU/I-CRE 3.64 DME 880
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1050
6. MIN GS INCPT: 1600 GS ALT AT PFAF: GAPNY/I-CRE 5.90 DME 1600 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 55.2
8. MSA FROM: CRE VORTAC 2100



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT A/B VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART: MYRTLE BEACH INTL.
HOLD NE, LT, 234.00 INBOUND.
CHART FAS OBST: 193 WATER_TOWER (45-063929) 335102N/0784101W.
CHART VDP AT 2.32 DME
DISTANCE VDP TO THLD 1.18 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, 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
S-ILS 23	230	1/2	200	230	1/2	200	230	1/2	200	230	1/2	200			
S-LOC 23	460	3/4	430	460	3/4	430	460	3/4	430	460	3/4	430			
CIRCLING	520	1	488	520	1	488	720	2	688	720	2 1/4	688			

CHANGES - REASONS

1. CHANGES FROM P-NOTAM AMDT 12A INCORPORATED INTO THIS FORM - IAW 8260.19I.
2. CHANGED MAP LOC DESCRIPTION FROM "I-CRE 1.14 DMI-CRE 1.14 DME" TO "4.76 NM AFTER GAPNY/I-CRE 5.90 DME OR AT I-CRE 1.14 DME" - MAP DESCRIPTION CRITERIA UPDATE IAW 8260.19I.
3. REMOVED ", OR AS DIRECTED BY ATC" FROM ALTERNATE MISSED APPROACH INSTRUCTION - NO LONGER REQUIRED IAW 8260.19I.
4. REMOVED BACK-UP ALTIMETER NOTES AND MOVED THEM TO -9 AS CONTINGENCY NOTES - 8260.19I.
5. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE S-LOC 23 CAT C AND D VISIBILITY TO 1" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT A/B VISIBILITY TO 1 SM" - UPDATED NOTE FORMAT AND NEW VIS CHECK IAW 8260.19I.
6. ADDED CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW ¾ SM NOT AUTHORIZED - 34:1 PENETRATION IDENTIFIED.
7. CHANGED CHART FAS OBST FROM "123 TREE 334944N/0784225W" TO "193 WATER_TOWER (45-063929) 335102N/0784101W" - NEW CONTROLLING OBSTACLE IDENTIFIED.
8. CHANGED CHART VDP AT "2.07 DME" TO "2.32 DME" AND DISTANCE TO THLD FROM "0.94 MILES" TO "1.18 NM" - NEW CONTROLLING OBSTACLE INCREASED LOC MDA AND NEW NOTE FORMAT IAW 8260.19I.
9. DELETED *LOC ONLY FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED IAW 8260.19I.
10. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA APPLIED IAW 8260.19I.
11. CHANGED S-ILS 23 DA FROM 229 TO 230 - TDZE CHANGED FROM 29 TO 30.
12. CHANGED S-LOC 23 ALL CATS MDA/HAT FROM 380/351 TO 460/430 - NEW CONTROLLING OBSTACLE IDENTIFIED.
13. CHANGED CIRCLING CATS A/B HAA FROM 489 TO 488 AND CAT D HAA FROM 689 TO 688 - AIRPORT ELEVATION CHANGED FROM 31 TO 32.
14. CHANGED CIRCLING CAT C CMDA/HAA FROM 520/489 TO 720/688 - NEW CONTROLLING OBSTACLE IDENTIFIED.
15. CHANGED ALTERNATE MINIMUMS FROM "ILS: STANDARD - CAT D 700-2 ¼, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE - REVISED ALTERNATE MINIMUM CRITERIA IAW 8260.19I.
16. DELETED CHARTING CNF FIXES ON DR LEGS - NO LONGER REQUIRED FOR CODING.
17. DELETED ALTERNATE MISSED APPROACH - FPT REQUEST MISSED APPROACH NO LONGER AUTHORIZED IAW 8260.19I.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, MYR APCH, CRE ATCT, CRE AMGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by
DONALD H LANIER
Nov 22, 2021

OFFICE

FPO

DATE

11/16/2021

DEVELOPED BY

DONALD H. LANIER (DEXTER SWEETING)

Digitally signed by
DONALD H LANIER

OFFICE

AJV-A431

DATE

09/17/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by
DONALD H LANIER
Nov 22, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER

