

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RADAR - STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.31**

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.

Initial approach minimum altitude(s) shall correspond with those established for en route operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when; (A) Visual contact is established on final approach at or before descent to the authorized landing minimums; or (B) at pilot's discretion if it appears desirable to discontinue the approach. Except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when; (A) communications on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controllers; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
KARW	RADAR-1	4	BEAUFORT	SC		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
9	8	RADAR-1	3B	07/14/2022	7W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>			
NBCC ASR		17 APRIL 2025	ROUTINE			

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES *(Sectors and distances measured from radar antenna)*

<u>FROM</u>	<u>TO</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
AS ESTABLISHED BY THE CURRENT BEAUFORT/ MERRITT FIELD ASR MINIMUM VECTORING ALTITUDE											

MISSED APPROACH

MAP:

RWY 25: 1.00 NM FROM THLD.

MISSED APPROACH INSTRUCTIONS:

RWY 25: CLIMB TO 2000 ON HEADING 257 FOR RADAR VECTORS (RADAR REQUIRED).

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

NOTES:

RWY 25: FAF 4.80 NM FROM THRESHOLD, MINIMUM ALTITUDE 1600; MINIMUM ALTITUDE 2 NM FIX 700, FINAL APPROACH COURSE 245.45, RECOMMENDED ALTITUDES: 5 NM 1600, 4 NM 1340, 3 NM 1020, 2 NM 700.

CHART NOTE: WHEN BEAUFORT CLASS D NOT IN EFFECT PROCEDURE NA.

CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

LOST COMMUNICATIONS (ALL RWYS): AS DIRECTED BY ATC ON INITIAL CONTACT.

ADDITIONAL FLIGHT DATA:

TDZE: 8 **RWY:** 25

FAS OBST: RWY 25, 127 TREE 322603N/0803842W

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
ASR S-25	380	1	372	380	1	372	380	1	372		NA	
CIRCLING	480	1	471	480	1	471	640	1 3/4	631		NA	

CHANGES - REASONS:

1. FACILITY: CHANGED FROM "NBC ASR" TO "NBCC ASR" - AIRNAV DATA.
2. MAG VAR/EPOCH YEAR CHANGED FROM "5W/90" TO "7W/2005" - NEW MAGVAR DECLINATION UPDATE.
3. RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES: CHANGED FROM "AS ESTABLISHED BY CURRENT BEAUFORT RATCF ASR MINIMUM VECTORING ALTITUDE CHART" TO "AS ESTABLISHED BY CURRENT BEAUFORT/MERRITT FIELD ASR MINIMUM VECTORING ALTITUDE" - IAW 8260.19F, 8-6-5.
4. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING RIGHT TURN TO 2000 VIA 257 HEADING TO NOMAS INT AND HOLD NE, RT, 239.50 INBOUND" TO "CLIMB TO 2000 ON HEADING 257, EXPECT RADAR VECTORS (RADAR REQUIRED) - NO SUITABLE NAVAIDS TO DEFINE POINT NOMAS FOR CONVENTIONAL HOLDING/ATC REQUEST.
5. NOTES: CHANGED FROM "FAF 5 MILES FROM THRESHOLD, MINIMUM ALTITUDE 1500, 2 MILES FROM THLD MINIMUM ALTITUDE 660, FINAL APPROACH COURSE 247. RECOMMENDED ALTITUDE 4 NM 1220, 3 NM 940, 2 NM 660" TO "FAF 4.80 NM FROM THRESHOLD, MINIMUM ALTITUDE 1600; MINIMUM ALTITUDE 2 NM FIX 700, FINAL APPROACH COURSE 245.45, RECOMMENDED ALTITUDES: 5 NM 1600, 4 NM 1340, 3 NM 1020, 2 NM 700" - IAW 8260.19J, 8-6-10.S.(2)/HIGHER MINIMUM VECTORING ALTITUDES/NEW OBSTACLES.
6. NOTES: REMOVED "USE BEAUFORT MCAS / MERRITT FIELD ALTIMETER SETTING" - KARW INSTALLED AWOS-3.
7. ADDITIONAL FLIGHT DATA: CHANGED FROM "RWY 25: FAS OBST: 129 TREE 322613/803838" TO "FAS OBST: 127 TREE 322603N/0803842W" - NEW EVALUATION/OBSTACLE.
8. ALTERNATE: CHANGED FROM "NA" TO "STANDARD; NA WHEN LOCAL WEATHER NOT AVAILABLE" - AIRPORT ON WMSCR/PRIMARY LOCAL ALTIMETER/BACK-UP ALTIMETER IS NOT IAW 8-6-10.F.(7).
9. MINIMUMS: ASR S-25 ALL CATS MDA/HAA/VIS CHANGED FROM 440/430/1 1/4" TO "380/372/1" AND ADDED "ASR" IN FRONT OF "S-25" FOR FINAL TYPE - NEW EVALUATION/PRIMARY ALTIMETER CHANGED FROM REMOTE TO LOCAL/ADMINISTRATIVE CHANGE.

01/10/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/02/2024:

1. CHANGED NOTE FROM "RWY 25: FAF 5 NM FROM THRESHOLD, MINIMUM ALTITUDE 1600; MINIMUM ALTITUDE 2 NM FIX 640, FINAL APPROACH COURSE 245.45, RECOMMENDED ALTITUDES: 5 NM 1600, 4 NM 1280, 3 NM 980, 2 NM 660." TO "RWY 25: FAF 4.80 NM FROM THRESHOLD, MINIMUM ALTITUDE 1600; MINIMUM ALTITUDE 2 NM FIX 700, FINAL APPROACH COURSE 245.45, RECOMMENDED ALTITUDES: 5 NM 1600, 4 NM 1340, 3 NM 1020, 2 NM 700 - NO LONGER REQUIRES AFS APPROVAL FOR VDA LESS THAN VGSI/PROCEDURE REDESIGN.
2. ADDED NOTE: CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: NBC APP CON, AMGR

FLIGHT CHECKED BY
ROBERT E WILLIAMS

Digitally signed by
CASIMIR L TABAKA

OFFICE
AJF

DATE
02/19/2025

DEVELOPED BY
APRIL SARMENTO

Digitally signed by
APRIL T SARMENTO

Feb 21, 2025

OFFICE
AJV-A432

DATE
12/02/2024

APPROVED BY
CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Jan 13, 2025

OFFICE
AJV-A432

DATE

TITLE
MANAGER

