

**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</u> COASTAL CAROLINA REGIONAL	<u>AIRPORT ID</u> KEWN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> NEW BERN	<u>STATE</u> NC	
<u>AIRPORT ELEVATION</u> 18	<u>TDZE</u> 17	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 8W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-EWN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<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>
EWN VOR/DME		KATFI LOM					216.76	3.52	2000
ISO VORTAC		KATFI LOM					139.49	31.50	2600
KROVE/EWN 10.74 DME		KATFI LOM					100.78	8.72	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 3.04 NM AFTER KATFI LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING LEFT TURN DIRECT EWN VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1800 THEN CLIMBING LEFT TURN DIRECT KATFI LOM/LOM AND HOLD.

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD SW KATFI LOM, LT, 038.71 INBOUND, 1400 FT. IN LIEU OF PT (IAF), MAX 4500.
- FAC:** 038.71 **FAF:** KATFI LOM **DIST FAF TO MAP:** 3.04 **DIST FAF TO THLD:** 3.04
- MIN ALT:** KATFI LOM 1100
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 938
- MIN GS INCPT:** 1100 **GS ALT AT FAF :** **OM:** 1056 **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 50.3
- MSA FROM:** KATFI LOM 3100

EQUIPMENT REQUIREMENTS NOTES:

RADAR OR ADF REQUIRED FOR PROCEDURE ENTRY.
ADF REQUIRED FOR LOC ONLY



NOTES:

CHART NOTE: CIRCLING RWY 14, 32 NA AT NIGHT.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 540 FT MSL.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ISO VORTAC AIRWAY RADIALS 130 CW 199.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EWN VOR/DME AIRWAY RADIAL 232.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART A-530
CHART R-5306C
CHART FAS OBST: 164 TREE 350151N/0770428W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW KATFI LOM, LT, 038.71 INBOUND.
HOLD SW, LT, 038.00 INBOUND

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 900-2 3/4, 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 04	217	3/4	200	217	3/4	200	217	3/4	200	217	3/4	200			
S-LOC 04	420	1	403	420	1	403	420	1 1/8	403	420	1 1/8	403			
CIRCLING	480	1	462	520	1	502	600	1 1/2	582	860	2 3/4	842			



CHANGES - REASONS

1. EWN VOR/DME FEEDER COURSE CHANGED FROM 216.78 TO 216.76 - KATFI LOM MOVED 13.64 FEET EAST
2. ISO VORTAC FEEDER COURSE CHANGED FROM 136.49 TO 139.49 - CHANGED TO RNAV LEG
3. KATFI LOM CHECK ALTITUDE CHANGED FROM 1025 TO 1057 - MBO DISTANCE TO THRESHOLD CHANGED FROM 18194FT TO 18479.882FT.
4. ADDED 'CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 540 FT MSL.'- NOTAM
5. REMOVED REMOTE ALTIMETER SETTING NOTE - MOVED TO 8260-9 AS A CONTINGENCY.
6. UPDATED 'CIRCLING RWY 14, 32 NA' NOTE - FROM 'NIGHT LANDING RWY 14, 32 NA' TO 'CIRCLING RWY 14, 32 NA AT NIGHT'.
7. REMOVED HELICOPTER VISIBILITY NOTE - 34:1 PENETRATIONS REMOVED
8. MOVED RADAR OR ADF REQUIREMENT NOTE TO EQUIPMENT REQUIREMENTS NOTES - IAW 8260.19H 8-6-8
9. LOWERED S-ILS 04 DA/HAT FROM 343/326 TO 217/200 AND VISIBILITY FROM 1 1/8 TO 3/4SM - NEW CONTROLLING OBSTACLE
10. LOWERED CIRCLING CAT D MDA/HAT FROM 1080/1062 TO 860/842 AND VISIBILITY FROM 3 SM TO 2 3/4 SM - NEW CONTROLLING OBSTACLE
11. KROVE INT FEEDER COURSE CHANGED FROM 100.79 TO 100.78 - KATFI LOM MOVED 13.64 FEET EAST.
12. ADDED 'CONTINUE CLIMB-IN-HOLD TO 2000' TO THE PRIMARY AND ALTERNATE MISSED APPROACH INSTRUCTIONS -ALTITUDE OF 2000 FEET NOT ATTAINED AT CLEARANCE LIMIT.
13. ADDED 'MAX 6000' TO HOLD-IN-LIEU ON LINE 2 - PAR 8260.19H PARA 8-6-7B(2).
14. DELETED 'CHART IN PLANVIEW: (CFBZH)' IN PLANVIEW - NO LONGER REQUIRED FOR CODING PURPOSES.
15. ADDED 'CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EWN VOR/DME AIRWAY RADIAL 232' - TURN EXCEEDS 120 DEGREES.
16. ADDED 'CHART PLANVIEW NOTE; PROCEDURE NA FOR ARRIVAL ON KINSTON VORTAC AIRWAY RADIALS 130 CW 199 - TURNS EXCEED 120 DEGREES.
17. CHANGED MA HOLD INBOUND COURSE FROM 38.00 TO 41.00 AND ALT MA FROM 38.71 TO 55.00 - AVOID A-5306C.

09/19/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 6/21/19.

1. CHANGED KROVE FROM INT TO DME FIX IN TERMINAL ROUTES.
2. REMOVED 'FROM ISO: RNAV 1-GPS REQUIRED.' NOTE FROM EQUIPMENT REQUIREMENTS NOTES. - LEG SWITCHED FROM AN RNAV LEG BACK TO CONVENTIONAL LEG
3. REMOVED ISO VORTAC LEG TYPE TF, FO AND RNP VALUE 1.00 FROM TERMINAL ROUTES. - LEG SWITCHED FROM AN RNAV LEG BACK TO CONVENTIONAL LEG
4. ISO VORTAC FEEDER COURSE CHANGED BACK FROM 139.49 TO 136.49 - - LEG SWITCHED FROM AN RNAV LEG BACK TO CONVENTIONAL LEG

10/30/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 6/21/19.

1. CHANGED PRIMARY MA INSTRUCTIONS FROM 'CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT EWN VOR/DME AND HOLD. CONTINUE CLIMB-IN-HOLD TO 2000' TO 'CLIMB TO 1800 THEN CLIMBING LEFT TURN DIRECT EWN VOR/DME AND HOLD' - REMOVE NEED FOR CLIMB-IN-HOLD.
2. CHANGED ALTERNATE MA INSTRUCTIONS FROM CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT KATFI LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000. ADF REQUIRED.' TO 'CLIMB TO 1800 THEN CLIMBING LEFT TURN DIRECT KATFI LOM AND HOLD. ADF REQUIRED.' - REMOVE NEED FOR CLIMB-IN-HOLD.
3. REALIGNED MA INBOUND COURSE FROM 41.00 TO 38.00 AND ALT MA FROM 55.00 TO 38.71 - CLIMB-IN-HOLD REMOVED.
4. CHANGED KATFI LOM MAX ALTITUDE FROM 6000 TO 4500 - MAX LOC SERVICE VOLUME IS 4500.
5. CHANGED OM FROM 1057 TO 1056 - AIRNAV RECORD SHOWS OM ALTITUDE AT 1055.9.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZDC, NKT APP CON, EWN ATCT

<u>FLIGHT CHECKED BY</u> GEORGE E SEARLES	<i>Digitally signed by</i> DONALD H LANIER Nov 25, 2019	<u>OFFICE</u> FICO	<u>DATE</u> 11/21/2019	
<u>DEVELOPED BY</u> DONALD H. LANIER (CHRISTOPHER STEWART)	<i>Digitally signed by</i> DONALD H LANIER Nov 25, 2019	<u>OFFICE</u> AJV-A431	<u>DATE</u> 06/21/2019	
<u>APPROVED BY</u> GEORGE DAVIS	<i>Digitally signed by</i> DONALD H LANIER Nov 25, 2019	<u>OFFICE</u> AJV-A430	<u>DATE</u>	<u>TITLE</u> MANAGER

