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.

PROCEDURE NAME ORIGINAL/AMENDMENT STATE AIRPORT CITY AIRPORT ID COASTAL CAROLINA REGIONAL RNAV (GPS) RWY 4 2 **NEW BERN** NC KEWN **AIRPORT ELEVATION TDZE SUPERSEDED ORIGINAL/AMENDMENT DATED MAG VAR EPOCH YEAR** 18 17 RNAV (GPS) RWY 4 1A 04/28/2016 8W 1985 **FACILITY COORDINATES OF FACILITIES**

RNAV

ACTUAL EFFECTIVE DATE 2 JANUARY 2020

REQUIRED EFFECTIVE DATE ROUTINE

CANCEL/SUSPEND

TERMINAL ROUTES

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<u>FROM</u>	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	<u>COURSE</u>	DISTANCE	ALTITUDE
BEULA	IAF	KUYEN		TF	FB	1.00	100.82	26.46	2000
KUYEN	IF	LUYNI		TF	FB	1.00	038.64	3.22	2000
LUYNI		ZOSRU		TF	FB	1.00	038.65	4.22	1100
ZOSRU	FAF	RW04	MAP	TF	FO	0.30	038.69	3.25	
RW04	MAP	217 MSL		CA	FB		038.69		
217 MSL		JIDOM		DF	FO	1.00			2000

MISSED APPROACH

MAP: LPV: DA

LNAV/VNAV: DA

LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT JIDOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

AIRPORT AIRPORT D PROCEDURE NAME ORIGINAL/AMENDMENT CITY STATE
COASTAL CAROLINA REGIONAL KEWN RNAV (GPS) RWY 4 2 NEW BERN NC

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT KUYEN

3. FAC: 038.69 **FAF:** ZOSRU **DIST FAF TO MAP:** 3.25 **DIST FAF TO THLD:** 3.25

4. MIN ALT: KUYEN 2000, LUYNI 2000, ZOSRU 1100

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.48 GS ANT:

7. GP ANGLE: 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 50.3

8. MSA FROM: RW04 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 14, 32 NA AT NIGHT.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10°C OR ABOVE 54°C.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEULA ON V56 WESTBOUND AND V70 SOUTHBOUND...

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.

CHART R-5306C

CHART A-530

CHART VDP AT 1.12 NM TO RW04*

*LNAV ONLY

WAAS CHANNEL #69402

REFERENCE PATH ID: W04A

CHART FAS OBST: 164 TREE 350151N/0770428W.

CHART: 163 TREE 350052N/0770426W.

HOLD NE. RT. 218.78 INBOUND

LTP HAE: -33.3 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:		Α			В			С			D			E	
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA
LPV DA	217	3/4	200	217	3/4	200	217	3/4	200	217	3/4	200			
LNAV/VNAV DA	430	1 1/8	413	430	1 1/8	413	430	1 1/8	413	430	1 1/8	413			
LNAV MDA	420	1	403	420	1	403	420	1 1/8	403	420	1 1/8	403		ر ^{ن AL} / 10	7
CIRCLING	480	1	462	520	1	502	600	1 1/2	582	860	2 3/4	842		CHECK	EQ.

AIRPORT PROCEDURE NAME <u>CITY</u> AIRPORT ID ORIGINAL/AMENDMENT <u>STATE</u> COASTAL CAROLINA REGIONAL **KEWN** RNAV (GPS) RWY 4 **NEW BERN** NC

CHANGES - REASONS

- 1. MOVED INTERMEDIATE STEPDOWN FIX LUYNI 0.52NM(3159.58FT) NORTHEAST ALLOW FOR PROPER TURN CONSTRUCTION
- 2. PROFILE LINE 7, 20:1 IS CLEAR ADDED IAW8260.19H PARA 8-6-7G(3)
- 3. CHANGED PROFILE LINE 7, FROM 34:1 IS NOT CLEAR TO 34:1 IS CLEAR PENETRATIONS REMOVED.
- 4. REPLACED CHART NOTE "DME/DME RNP-0.3 NA" WITH PBN REQUIREMENTS NOTE: "RNP APCH" 8260.19H 8-6-8 B
- 5. REMOVED °F FROM UNCOMPENSATED BARO-VNAV NOTE 8260.19H 8-6-9S
- 6. LOWERED LPV MDA/HAT FROM 342/325 TO 217/200 OBSTACLES REMOVED
- 7. LOWERED LPV VISIBILITY FROM 1 1/8 TO 3/4 OBSTACLES REMOVED
- 8. LOWERED LNAV/VNAV MDA/HAT FROM 435/418 TO 430/413 NEW CONTROLLING OBSTACLE
- 9. LOWERED LNAV/VNAV VISIBILITY FROM 1 3/8 TO 1 1/8 NEW CONTROLLING OBSTACLE
- 10. LOWERED CIRCLING CAT D MDA/HAT FROM 1080/1062 TO 860/842 NEW CONTROLLING OBSTACLE
- 11. LOWERED CIRCLING CAT D VISIBILITY FROM 3 TO 2 3/4 NEW CONTROLLING OBSTACLE
- 12. REMOVED HELICOPTER VISIBILITY REDUCTION NOTE 34:1 PENETRATIONS REMOVED
- 13. REMOVED BACK-UP ALTIMETER SETTING NOTES PRIMARY WEATHER ON SERVICE A AND TRANSMITTED ON WMSCR.
- 14. CHANGED CRC REMAINDER FROM CC9107E4 TO F93ACA5E UPDATED VERTICAL ALERT LIMIT (VAL) FROM 50M TO 35M. CHANGED FPAP LAT/LONG FROM 350512.2930N/0770158.3670W TO 350512.2931N/0770158.3665W.
- 15. CHANGED 238 AAO TO 163 TREE IN ADDITIONAL FLIGHT DATA UPDATED 7:1 OBSTACLE.
- 16. ADDED "AND V70 SOUTHBOUND" TO THE PROCEDURE ENTRY RESTRICTION NOTE FOR ARRIVAL AT BEULA TURN EXCEEDS 90 DEGREES.
- 17. CA CHANGED FROM 342 TO 217 DECREASE IN DA.

17. Of Oth MICE TINOM	012 10 217			
COORDINATED WITH:				
A4A X ALPA X	AOPA X APA X HAI NBAA X	OTHER: NKT APP CON, EWN ATCT, ZDC		
FLIGHT CHECKED BY	Digitally signed by	<u>OFFICE</u>	<u>DATE</u>	
STEPHEN F KOCH	DONALD H LANIER	FICO	9/25/19	
	Oct 29, 2019			
DEVELOPED BY	33, 23, 23.3	<u>OFFICE</u>	<u>DATE</u>	
DONALD H. LANIER (CHI	RISTOPHER STEWART) Digitally signed by	AJV-A431	07/09/2019	
APPROVED BY	LONNIE EVERHART	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
GEORGE DAVIS	Digitally signed by Aug 30, 2019	AJV-A430		MANAGER
	LONNIE EVERHART			
	Aug 30, 2019			

AIRPORT AIRPORT ID PROCEDURE NAME **ORIGINAL/AMENDMENT** <u>CITY</u> **STATE** COASTAL CAROLINA REGIONAL KEWN RNAV (GPS) RWY 4 **NEW BERN** NC **FAS DATA BLOCK INFORMATION**

DATA DATA FIELD OPERATION TYPE 0 SBAS SERVICE PROVIDER IDENTIFIER 0 AIRPORT IDENTIFIER **KEWN RUNWAY** RW04 APPROACH PERFORMANCE DESIGNATOR 0

ROUTE INDICATOR

REFERENCE PATH DATA SELECTOR 0

REFERENCE PATH IDENTIFIER (APPROACH ID) W04A

LTP/FTP LATITUDE 350355.5690N LTP/FTP LONGITUDE 0770253.8130W

LTP/FTP ELLIPSOIDAL HEIGHT -00333

FPAP LATITUDE 350512.2930N **FPAP LONGITUDE** 0770158.3665W

THRESHOLD CROSSING HEIGHT (TCH) 00050.3 F TCH UNITS SELECTOR (METERS OR FEET USED) **GLIDEPATH ANGLE (GPA)** 03.00 **COURSE WIDTH AT THRESHOLD** 106.75 **LENGTH OFFSET** 0872 **HORIZONTAL ALERT LIMIT (HAL)** 40.0 **VERTICAL ALERT LIMIT (VAL)** 35.0

CRC REMAINDER F93ACA5E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7 LTP ORTHOMETRIC HEIGHT +00040 **FPAP ORTHOMETRIC HEIGHT** +00040