

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, 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 in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW21						
EDUQA (IF/IAF)		AXOYY (FB)		208.20 / 7.34			5000		CLIMB TO 7500 DIRECT HADIR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7500.						
AXOYY (FAF)		DEWOK/1.90 NM TO RW21 (FB)		208.14 / 3.41											
DEWOK/1.90 NM TO RW21		RW21 (MAP) (FO)		208.14 / 1.90											
RW21 (MAP)		3536 MSL		208.14											
3536 MSL		HADIR (FO)					7500		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 027.96 INBOUND. CHART FAS OBST: 3389 TREE 425150N/1030316W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.04 MILES TO RW21* *LNAV ONLY. WAAS CHANNEL # 90523 REFERENCE PATH ID: W21A LTP HAE: 978.6 M						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 7E EPOCH YEAR: 2020					
2. HOLD NE EDUQA, RT, 208.20 INBOUND, 5100 FT. IN LIEU OF PT (IAF)															
3. FAC: 208.14 FAF: AXOYY DIST FAF TO MAP: 5.31 THLD: 5.31															
4. MIN. ALT: EDUQA 5100, AXOYY 5000, DEWOK/1.90 NM TO RW21 3900*															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 5000 GS ALT AT: AXOYY 5000 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 41.0 34:1 IS CLEAR															
8. MSA FROM: _____															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3536	7/8	250	3536	7/8	250	3536	7/8	250	3536	7/8	250			
LNAV/VNAV DA	3684	1 3/8	398	3684	1 3/8	398	3684	1 3/8	398	3684	1 3/8	398			
LNAV MDA	3640	1	354	3640	1	354	3640	1	354	3640	1	354			
CIRCLING	3820	1	522	3880	1	582	3920	1 3/4	622	3920	2	622			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING PINE RIDGE ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 23C (73F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY (CONTINUED ON PAGE 2)															
CITY AND STATE CHADRON, NE		ELEVATION: 3298 TDZE: 3286 AIRPORT NAME: CHADRON MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2B 4 FEBRUARY 2016				SUP: RNAV (GPS) RWY 21 AMDT: 2A DATED 02/05/2015					

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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NOTES, (CONT.):

CHART NOTE: VDP NA WITH PINE RIDGE ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PINE RIDGE ALTIMETER SETTING AND INCREASE ALL DA 70 FEET AND ALL MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CATS C AND D VISIBILITY 3/8 MILE, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	118/30 CW 298/30 (NOPT)	118/8 CW 298/8	6600
2.	118/8 CW 298/8	EDUQA (IF/IAF) (FB)	5100
3.	298/30 CW 118/30	298/7 CW 118/7	7100
4.	298/7 CW 118/7	EDUQA (IF/IAF) (FO)	5100

CITY AND STATE

CHADRON, NE

ELEVATION: 3298

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CHADRON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 2B

4 FEBRUARY 2016

SUP: RNAV (GPS) RWY 20

AMDT: 2A

DATED: 02/05/2015

QUALITY
4
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCDR
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	425043.1875N
LTP/FTP LONGITUDE	1030518.7555W
LTP/FTP ELLIPSOIDAL HEIGHT	+09786
FPAP LATITUDE	424930.2600N
FPAP LONGITUDE	1030628.3600W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 E775FF46

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09965
FPAP ORTHOMETRIC HEIGHT	+09965

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RNAV (GPS) RWY 21, AMDT 2B

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KCDR

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
EDUQA	010	EDUQA	HF	FO		208.2			R			AA 05100		EE A
	010	EDUQA	IF	FB								AA 05100		E I
	020	AXOYY	TF	FB	0.5	208.2						AA 05000		E F
	021	DEWOK	TF	FB	0.3	208.1		3.00				AA 03900 GS 03915		E S
	030	RW21	TF	FO	0.3	208.1		3.00				AT 03310		GY M
	040		CA	FB		208.1						AA 03536		M
	050	HADIR	DF	FO								AA 07500		EY
	060	HADIR	HM	FO		028.0			R			AA 07500		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AXOYY	N425503.66	W1030109.71
DEWOK	N425216.49	W1030349.64
EDUQA	N430103.97	W1025523.99
HADIR	N423756.84	W1031727.49

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW21	N425043.19	W1030518.76	03269	41

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	AIRPORT NAME: CHADRON MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 2B 4 FEBRUARY 2016	AMDT: 2A
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