

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.

<u>AIRPORT ID</u> KDDC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> DODGE CITY	<u>STATE</u> KS		
<u>AIRPORT ELEVATION</u> 2596	<u>TDZE</u> 2592	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 09/14/2017	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 134/30 CW 274/30	NOPT	HASUN	IF/IAF	4600
2. 274/30 CW 024/30		RIMPE	IAF	4600
3. 024/30 CW 134/30		MULGE	IAF	4600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RIMPE	IAF	HASUN	NOPT	TF	FB	1.00	274.50	5.00	4600
MULGE	IAF	HASUN	NOPT	TF	FB	1.00	134.40	5.00	4600
HASUN	IF/IAF	ENNIL		TF	FB	1.00	204.44	6.43	4600
ENNIL	FAF	GRAAL/1.70 NM TO RW20		TF	FB	0.30	204.39	4.55	
GRAAL/1.70 NM TO RW20		RW20	MAP	TF	FO	0.30	204.39	1.70	
RW20	MAP	2842 MSL		CA			204.39		
2842 MSL		TUROE		DF	FO	1.00			4600

QUALITY
10
CHECKED

MISSED APPROACH**MAP:**

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4600 DIRECT TUROE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE HASUN, RT, 204.44 INBOUND, 4600 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	204.39	FAF: ENNIL	DIST FAF TO MAP: 6.25		DIST FAF TO THLD: 6.25
4. MIN ALT: HASUN 4600, ENNIL 4600, GRAAL/1.70 NM TO RW20 3140					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:
6. MIN GP INCPT: 4600	GP ALT AT PFAF : ENNIL 4600		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 44.8		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 024.26 INBOUND.
CHART FAS OBST: 2761 TOWER 374649N/0995548W.
CHART 2864 WINDMILL 375059N/0995300W.
CHART VDP AT 0.98 NM TO RW20.
WAAS CHANNEL # 78440
REFERENCE PATH ID: W20A
CHART CIRCLING ICON.
LTP HAE: 755.4 M



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	DA/MDA	VIS	HAT/HAA
LPV DA	2842	1	250	2842	1	250	2842	1	250		NA				
LNAV/VNAV DA	2842	1	250	2842	1	250	2842	1	250		NA				
LNAV MDA	2920	1	328	2920	1	328	2920	1	328		NA				
CIRCLING	3040	1	444	3080	1	484	3320	2	724		NA				

CHANGES - REASONS

1. PROFILE LINE 4 REMOVED THE ASTERISK. - 8260.19I.
2. PROFILE LINE 7 ADDED 20:1 IS CLEAR - 20:1 IS CLEAR.
3. REMOVED CHART NOTE DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - NAVSPEC NOTES UPDATED IAW 8260.19I
4. REMOVED FARENHEIT VALUES FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9C (16F) OR ABOVE 54C (130F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9C OR ABOVE 54C. - 8260.19I.
5. ADDITONAL FLIGHT DATA REMOVED *LNAV ONLY - NOT REQUIRED PER 8260.19I.
6. LPV DA AND LNAV/VNAV VISIBILITY ALL CATS RAISED FROM 7/8 SM TO 1 SM. - AIRPORT REQUEST, CANNOT SUPPRT LESS THAN 1 MILE VIS.
7. ALTERNATE MINIMUMS ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE." - 8260.19I

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☒ **NBAA** ☐ **OTHER:** DDC APP/CON, AMGR.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by
CASIMIR L TABAKA
Aug 15, 2023

DATE

DEVELOPED BY

TYLER MITCHELL

Digitally signed by
CASIMIR L TABAKA
Aug 15, 2023

OFFICE

AJV-A432

DATE
04/06/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Aug 15, 2023

OFFICE

AJV-A432

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDDC
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	374558.4300N
LTP/FTP LONGITUDE	0995732.9260W
LTP/FTP ELLIPSOIDAL HEIGHT	+07554
FPAP LATITUDE	374443.0680N
FPAP LONGITUDE	0995833.0360W
THRESHOLD CROSSING HEIGHT (TCH)	00044.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1336
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9AD2D012

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07814
FPAP ORTHOMETRIC HEIGHT	+07814

