

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

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HUT VOR/DME	CLOBE (TF) (FO) (RNP 2.00)	110.05 / 12.97	3600	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3200 DIRECT ZENOS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 134.17 INBOUND. CHART FAS OBST: 1626 TREE 380406N/0975051W. DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 0.97 NM TO RW31* *LNAV ONLY. WAAS CHANNEL # 53728 REFERENCE PATH ID: W31A CHART CIRCLING ICON. LTP HAE: 433.6 M
WAIVE	UCEKO (TF) (FB) (RNP 2.00)	216.80 / 7.41	3600	
UCEKO (IAF)	CLOBE (NOPT) (TF) (FB) (RNP 1.00)	224.45 / 6.50	3600	
MUGER (IAF)	CLOBE (NOPT) (TF) (FB) (RNP 1.00)	025.31 / 4.12	3600	
CLOBE (IF/IAF) (SEE FORM 8260-10)	RIRYO (TF) (FB) (RNP 1.00)	314.38 / 7.03	3200	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE CLOBE, RT, 314.38 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 314.33 FAF: RIRYO DIST FAF TO MAP: 5.12 THLD: 5.12
4. MIN. ALT: **CLOBE 3600, RIRYO 3200, YINUG/1.60 NM TO RW31 2060***
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 3200 GS ALT AT: RIRYO 3200 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.2 34:1 IS NOT CLEAR
8. MSA FROM: **RW31 4000**

MAG VAR: 4E EPOCH YEAR: 2020

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	1770	3/4	250	1770	3/4	250	1770	3/4	250	1770	3/4	250			
LNAV/VNAV DA	1812	7/8	292	1812	7/8	292	1812	7/8	292	1812	7/8	292			
LNAV MDA	1880	1	360	1880	1	360	1880	1	360	1880	1	360			
CIRCLING	2080	1	537	2080	1	537	2200	1 3/4	657	2720	3	1177			

NOTES:
 CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
 CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: DME/DME RNP-0.3 NA.
 (CONTINUED ON PAGE 2)

@ CAT D 1200-3



CITY AND STATE HUTCHINSON, KS	ELEVATION: 1543 TDZE: 1520 AIRPORT NAME: HUTCHINSON RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 2, 12/07/2017	SUP: AMDT: 1B DATED 06/26/2014
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RIRYO (FAF)	YINUG/1.60 NM TO RW31 (TF) (FB) (RNP 0.30)	314.33 / 3.52	
YINUG/1.60 NM TO RW31	RW31 (MAP) (TF) (FO) (RNP 0.30)	314.33 / 1.60	
RW31 (MAP)	1770 MSL (CA)	314.33	
1770 MSL	ZENOS (DF) (FO) (RNP 1.00)		3200

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAIVE ON V532 NORTHBOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HUT VOR/DME AIRWAY RADIALS 021 CW 149.
 CHART SPEED ICON IN PLANVIEW AT MUGER: MAX 210 KIAS.

QUALITY
25
CHECKED

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**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	KHUT
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	380335.4775N
LTP/FTP LONGITUDE	0975117.6150W
LTP/FTP ELLIPSOIDAL HEIGHT	+04336
FPAP LATITUDE	380442.0485N
FPAP LONGITUDE	0975232.7120W
THRESHOLD CROSSING HEIGHT (TCH)	00055.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 107DC91F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04617
FPAP ORTHOMETRIC HEIGHT	+04617



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