

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: RW30										
JELRO				IBOXE (FO)			067.95 / 17.13				5000		CLIMB TO 6000 DIRECT HAYNI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.										
HAYNI				IBOXE (FO)			127.46 / 22.03				5000												
IBOXE (IF/IAF)				KAKUH (FB)			307.71 / 6.04				4300												
KAKUH (FAF)				RW30 (MAP) (FO)			307.66 / 4.90																
RW30 (MAP)				2956 MSL			307.66						ADDITIONAL FLIGHT DATA: HOLD N, LT, 175.42 INBOUND. FAS OBST: 3009 AAO 455833N/1023514W OBST: 3049 AAO 455649N/1023406W DISTANCE TO THLD FROM 250 HAT: 0.68 NM. CHART VDP AT 1.68 MILES TO RW30* *LNAV ONLY. WAAS CHANNEL # 82738 REFERENCE PATH ID: W30A CHART CIRCLING ICON. LTP HAE: 805.1 M										
2956 MSL				HAYNI (FO)							6000												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 8E EPOCH YEAR: 2010									
2. HOLD SE IBOXE, RT, 307.71 INBOUND, 5000 FT. IN LIEU OF PT (IAF)																							
3. FAC: 307.66 FAF: KAKUH DIST FAF TO MAP: 4.90 THLD: 4.90																							
4. MIN. ALT: IBOXE 5000, KAKUH 4300																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 4300 GS ALT AT: KAKUH 4300 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR																							
8. MSA FROM: RW30 4600																							
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	2956	1	250	2956	1	250	2956	1	250	2956	1	250											
LNAV/VNAV DA	3233	1 7/8	527	3233	1 7/8	527	3233	1 7/8	527	3233	1 7/8	527											
LNAV MDA	3260	1	554	3260	1	554	3260	1 5/8	554	3260	1 5/8	554											
CIRCLING																							
	3260	1	554	3260	1	554	3260	1 5/8	554	3460	2 1/2	754											
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C @ CAT D 800-2 1/2 (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). (CONTINUED ON PAGE 2)																							
CITY AND STATE HETTINGER, ND				ELEVATION: 2706 TDZE: 2706 AIRPORT NAME: HETTINGER MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, AMDT 1 26 MAY 2016				SUP: AMDT: ORIG DATED 06/03/2010									

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: CIRCLING NA NE OF RWY 12-30.

CHART NOTE: CIRCLING NA TO RWYS 17 AND 35.

CITY AND STATE

HETTINGER, ND

ELEVATION: 2706

TDZE: 2706

AIRPORT NAME:

HETTINGER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 30, AMDT 1
26 MAY 2016

SUP:

AMDT:

DATED:

QUALITY
10
CHECKED

ORIG

06/03/2010

**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	KHEI
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	460040.1035N
LTP/FTP LONGITUDE	1023857.1605W
LTP/FTP ELLIPSOIDAL HEIGHT	+08051
FPAP LATITUDE	460143.7350N
FPAP LONGITUDE	1024026.6325W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
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
 <u>CRC REMAINDER</u>	 51D132C0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+08226
FPAP ORTHOMETRIC HEIGHT	+08226

CITY AND STATE
HETTINGER, ND

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 30, AMDT 1
26 MAY 2016

SUP: **QUALITY
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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	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.
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ARINC SUMMARY - KHEI

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
HAYNI	010	HAYNI	IF	FB										E
HAYNI	020	IBOXE	TF	FO	2.0	127.5						AA 05000		EY
HAYNI	030	IBOXE	HF	FO		307.7			R			AA 05000		EE A
JELRO	010	JELRO	IF	FB										E
JELRO	020	IBOXE	TF	FO	2.0	068.0						AA 05000		EY
JELRO	030	IBOXE	HF	FO		307.7			R			AA 05000		EE A
	010	IBOXE	IF	FB								AA 05000		E I
	020	KAKUH	TF	FB	1.0	307.7				RW30		AA 04300		E F
	030	RW30	TF	FO	0.3	307.7		3.00				AT 02739		GY M
	040		CA	FB		307.7						AA 02956		M
	050	HAYNI	DF	FO								AA 06000		EY
	060	HAYNI	HM	FO		175.4			L			AA 06000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
HAYNI	N460834.57	W1025006.59
IBOXE	N455250.79	W1022759.65
JELRO	N454843.83	W1025146.96
KAKUH	N455709.93	W1023402.24

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW30	N460040.10	W1023857.16	02699	40

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