

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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	
IYISA (IAF)	JINPU (NOPT) (FB)	038.50 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3000 DIRECT WUSCO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.25 INBOUND. CHART FAS OBST: 1029 TREE 465009N/0971158W FAS OBST: 1124 AAO 464733N/0970838W DISTANCE TO THLD FROM 293 HAT: 0.81 NM. WAAS CHANNEL # 53607 REFERENCE PATH ID: W31A CHART TDZ ELEV 933
HUXIV (IAF)	JINPU (NOPT) (FB)	218.62 / 5.00	3000	
JINPU (IF/IAF)	KIKEC (FB)	308.56 / 6.09	2800	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE JINPU, RT, 308.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
- FAC: 308.48 FAF: KIKEC DIST FAF TO MAP: 5.66 THLD: 5.66
- MIN. ALT: JINPU 3000, KIKEC 2800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2800 GS ALT AT: KIKEC OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 **34:1 IS NOT CLEAR**
- MSA FROM:

MAG VAR: 6E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: <input type="checkbox"/>	STANDARD <input checked="" type="checkbox"/>	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N <input type="checkbox"/> A <input type="checkbox"/> X <input checked="" type="checkbox"/>												
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	1226	1	293	1226	1	293	1226	1	293						
LNAV/VNAV DA	1370	1 1/2	437	1370	1 1/2	437	1370	1 1/2	437						
LNAV MDA	1420	1	487	1420	1	487	1420	1 1/4	487						
CIRCLING	1420	1	487	1420	1	487	1420	1 1/2	487						

NOTES:
 CHART NOTE: BARO-VNAV NA.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 SEE 8260-10

CITY AND STATE CASSELTON, ND	ELEVATION: 933 TDZE: 933 AIRPORT NAME: CASSELTON ROBERT MILLER RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 31 JUL 2008	SUP: AMDT: ORIG DATED 12/20/2007
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QUALITY CHECKED

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NOTES CONT.

CHART NOTE: USE FARGO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MOREHEAD ALTIMETER SETTING AND INCREASE ALL DA 11 FEET AND ALL MDA 20 FEET, INCREASE LNAV CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	219/30 CW 039/30 (NOPT)	219/15 CW 039/15	3600
2.	219/15 CW 039/15	JINPU (IF/IAF) (FB)	3000
3.	039/30 CW 129/30	IYISA (IAF) (FB)	3000
4.	129/30 CW 219/30	HUXIV (IAF) (FB)	3200

CITY AND STATE

CASSELTON, ND

ELEVATION: 933 TDZE: 933

AIRPORT NAME:

CASSELTON ROBERT MILLER RGNL

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 12/20/2007

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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	5N8
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	465100.7080N
LTP/FTP LONGITUDE	0971208.2460W
LTP/FTP ELLIPSOIDAL HEIGHT	+02566
FPAP LATITUDE	465203.0200N
FPAP LONGITUDE	0971341.0100W
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	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 6A9C8CFC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02828
FPAP ORTHOMETRIC HEIGHT	+02828

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HUXIV	HUXIV	010	IAF	IF		FB				
	HUXIV	JINPU	020		TF		FB	1.0	218.6 (225T)	005.0	03000
	IYISA	IYISA	010	IAF	IF		FB				
	IYISA	JINPU	020		TF		FB	1.0	038.5 (045T)	005.0	03000
	JINPU	JINPU	010		HF	R	FB		308.6 (315T)	004.0	03000
		JINPU	010	FACF	IF		FB				03000
		KIKEC	020	FAF	TF		FB	0.5	308.6 (315T)	006.1	02800
		RW31	030	MAP	TF		FO	0.3	308.5 (315T)	005.7	00968

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WUSCO	040		DF		FO	1.0			03000
	WUSCO	050		HM	R	FO	2.0	128.3 (134T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUXIV	N464620.46	W0965450.12	N4646.341	W09654.835
	IYISA	N463913.13	W0970501.93	N4639.219	W09705.032
	JINPU	N464246.91	W0965956.36	N4642.782	W09659.939
	KIKEC	N464702.83	W0970614.97	N4647.047	W09706.250
	WUSCO	N465940.04	W0972504.19	N4659.667	W09725.070
	RW31	N465100.71	W0971208.25	N4651.012	W09712.138

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00928	40

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