

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: RW31 CLIMB TO 3200 DIRECT COVIL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 135.03 INBOUND. CHART FAS OBST: 1649 TREE 423351N/0971307W. DISTANCE TO THLD FROM 307 HAT: 0.82 NM. WAAS CHANNEL # 86523 REFERENCE PATH ID: W31A CHART YANKTON AWOS-3 LTP HAE: 395.7 M									
HURLI		DUVAS (TF) (FB) (RNP 2.00)		234.49 / 9.77		3200											
MAGET		BAYNY (TF) (FB) (RNP 2.00)		050.30 / 12.34		3400											
BAYNY (IAF)		COTPO (NOPT) (TF) (FB) (RNP 1.00)		045.16 / 5.00		3200											
DUVAS (IAF)		COTPO (NOPT) (TF) (FB) (RNP 1.00)		225.29 / 6.00		3200											
ATLES (IAF)		COTPO (NOPT) (TF) (FB) (RNP 1.00)		291.81 / 10.83		3200											
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. HOLD SE COTPO, RT, 315.22 INBOUND, 3200 FT. IN LIEU OF PT (IAF)																	
3. FAC: 315.17 FAF: ANLIE DIST FAF TO MAP: 5.57 THLD: 5.57																	
4. MIN. ALT: COTPO 3200, ANLIE 3200, WUNIT/2.50 NM TO RW31 2220*																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 3200 GS ALT AT: ANLIE 3200 OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 45.0 20:1 IS CLEAR 34:1 IS NOT CLEAR																	
8. MSA FROM: RW31 3800																	
MAG VAR: 6E EPOCH YEAR: 2000																	
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A X							
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	1690	1	307	1690	1	307		NA			NA						
LNAV/VNAV DA	1962	1 7/8	579	1962	1 7/8	579		NA			NA						
LNAV MDA	1980	1	597	1980	1	597											
CIRCLING	2020	1	632	2020	1	632		NA			NA						
NOTES: CHART NOTE: BARO-VNAV NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). *LNAV ONLY CHART NOTE: USE YANKTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE WAYNE ALTIMETER SETTING AND (CONTINUED ON PAGE 2)																	
CITY AND STATE HARTINGTON, NE		ELEVATION: 1388 TDZE: 1383 AIRPORT NAME: HARTINGTON MUNI/ BUD BECKER FLD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG-C 24 MAY 2018						SUP: AMDT: ORIG-B DATED 07/21/2016					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COTPO (IF/IAF)	ANLIE (TF) (FB) (RNP 1.00)	315.22 / 5.00	3200
ANLIE (FAF)	WUNIT/2.50 NM TO RW31 (TF) (FB) (RNP 0.30)	315.17 / 3.07	
WUNIT/2.50 NM TO RW31	RW31 (MAP) (TF) (FO) (RNP 0.30)	315.17 / 2.50	
RW31 (MAP)	1690 MSL (CA)	315.17	
1690 MSL	COVIL (DF) (FO) (RNP 1.00)		3200

NOTES, (CONT.):

INCREASE LPV DA TO 1697, LNAV/VNAV DA TO 1969 FEET, AND ALL MDA 20 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAGET ON V181 SOUTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HURLI ON V159 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATLES ON V100 EASTBOUND.

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED

CHART NOTE: CIRCLING NA TO RWYS 3 AND 21.

PBN REQUIREMENTS NOTE: RNP APCH.

QUALITY
16
CHECKED

CITY AND STATE

HARTINGTON, NE

ELEVATION: 1388

TDZE: 1383

AIRPORT NAME:

HARTINGTON MUNI/ BUD BECKER FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG-C

24 MAY 2018

SUP:

AMDT: ORIG-B

DATED: 07/21/2016

**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	0B4
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	423600.6950N
LTP/FTP LONGITUDE	0971456.2265W
LTP/FTP ELLIPSOIDAL HEIGHT	+03957
FPAP LATITUDE	423710.0800N
FPAP LONGITUDE	0971611.9800W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1672
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 301146F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04212
FPAP ORTHOMETRIC HEIGHT	+04212

QUALITY
16
CHECKED

CITY AND STATE HARTINGTON, NE	ELEVATION: 1388 AIRPORT NAME: HARTINGTON MUNI/ BUD BECKER FLD	TDZE: 1383	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG-C 24 MAY 2018	SUP:
					AMDT: ORIG-B
					DATED: 07/21/2016