

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		
BONIL	BECOL (FB)	256.98 / 21.02	4300	LPV: DA LNAV/VNAV: DA LNAV: RW32	
YOZLE	DONHO (FB)	003.09 / 12.14	4300	CLIMB TO 4500 DIRECT IMEQI AND HOLD.	
DONHO (IAF)	LUXXE (FB)	050.60 / 5.00	4300		
BECOL (IAF)	LUXXE (FB)	230.72 / 5.00	4300		
LUXXE (IF)	YEARR (FB)	320.66 / 6.12	4300		
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 140.56 INBOUND. CHART FAS OBST: 2931 TOWER 412348N/0993704W DISTANCE TO THLD FROM 299 HAT: 0.85 NM. CHART VDP AT 2.00 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 97409 REFERENCE PATH ID: W32A	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN        MILES OF        (IAF)
2. PROFILE STARTS AT LUXXE
3. FAC: 320.61 FAF: YEARR DIST FAF TO MAP: 5.37 THLD: 5.37
4. MIN. ALT: LUXXE 4300, YEARR 4300
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 4300 GS ALT AT: YEARR 4300 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW32 4500

MAG VAR: 8E EPOCH YEAR: 1995

**MINIMUMS**

TAKEOFF:	STANDARD	X	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	2833	1	299	2833	1	299		NA			NA					
LNAV/VNAV DA	3301	2 3/4	767	3301	2 3/4	767		NA			NA					
LNAV MDA	3200	1	666	3200	1	666		NA			NA					
CIRCLING	3200	1	653	3200	1	653		NA			NA					

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
 SEE 8260-10

CITY AND STATE <b>BROKEN BOW, NE</b>	ELEVATION: 2547 TDZE: 2534	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, AMDT 1</b> <b>SEP 25 2008</b>	SUP:
	AIRPORT NAME: <b>BROKEN BOW MUNI</b>			AMDT: <b>ORIG</b>
				DATED <b>11/25/2004</b>

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**NOTES CONT.**

**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BONIL VIA V172 EASTBOUND.**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORTH PLATTE ALTIMETER SETTING AND INCREASE ALL DA/MDA 160 FEET AND INCREASE LPV ALL CATS VISIBILITY 3/4 MILE, INCREASE LNAV/VNAV**

**ALL CATS VISIBILITY 1 1/4 MILE, INCREASE LNAV AND CIRCLING CAT B VISIBILITY 1/4 MILE.**

**CHART NOTE: VDP AND BARO/VNAV NA WHEN USING NORTH PLATTE ALTIMETER SETTING.**

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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	KBBW
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	412553.4940N
LTP/FTP LONGITUDE	0993817.4015W
LTP/FTP ELLIPSOIDAL HEIGHT	+07464
FPAP LATITUDE	412709.5500N
FPAP LONGITUDE	0993919.1900W
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	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 26284320

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07691
FPAP ORTHOMETRIC HEIGHT	+07691

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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
	BONIL	BONIL	010		IF		FB				
	BONIL	BECOL	020	IAF	TF		FB	2.0	257.0(265T)	021.0	04300
	BONIL	LUXXE	030		TF		FB	1.0	230.7(239T)	005.0	04300
	YOZLE	YOZLE	010		IF		FB				
	YOZLE	DONHO	020	IAF	TF		FB	2.0	003.1(011T)	012.1	04300
	YOZLE	LUXXE	030		TF		FB	1.0	050.6(059T)	005.0	04300
		LUXXE	010	FACF	IF		FB				04300
		YEARR	020	FAF	TF		FB	0.5	320.7(329T)	006.1	04300
		RW32	030	MAP	TF		FO	0.3	320.6(329T)	005.4	02563

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IMEQI	040		DF		FO	1.0			04500
	IMEQI	050		HM	R	FO	2.0	140.6(149T)	005.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BECOL	N411840.47	W0992440.52	N4118.675	W09924.675
	BONIL	N412034.31	W0985653.31	N4120.572	W09856.889
	DONHO	N411328.23	W0993600.09	N4113.471	W09936.002
	IMEQI	N413511.02	W0994551.50	N4135.184	W09945.858
	LUXXE	N411604.49	W0993020.53	N4116.075	W09930.342
	YEARR	N412118.19	W0993434.16	N4121.303	W09934.569
	YOZLE	N410133.26	W0993905.75	N4101.554	W09939.096
	RW32	N412553.49	W0993817.40	N4125.892	W09938.290

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW32	02523		40

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