

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
BONIL	IFFUL (FB)	290.13 / 36.81	4500	LPV: DA LNAV/VNAV: DA LNAV: RW14  CLIMB TO 4300 DIRECT LUXXE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, RT, 320.57 INBOUND. CHART FAS OBST: 2919 TREE 422837N/0994117W FAS OBST: 2849 TREE 412813N/0993940W DISTANCE TO THLD FROM 255 HAT: 0.68 NM. CHART VDP AT 1.89 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 72609 REFERENCE PATH ID: W14A								
IFFUL (IAF)	IMEQI (FB)	230.54 / 5.00	4500									
BOEKI (IAF)	IMEQI (FB)	126.44 / 6.75	4500									
IMEQI (IF)	HIDPA (FB)	140.48 / 6.12	3900									
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT IMEQI 3. FAC: 140.53 FAF: HIDPA DIST FAF TO MAP: 4.08 THLD: 4.08 4. MIN. ALT: IMEQI 4500, HIDPA 3900, FEKUK/2.80 NM TO RW14 3480* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 3900 GS ALT AT: HIDPA 3900 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR 8. MSA FROM: RW14 4500				MAG VAR: 8E EPOCH YEAR: 1995								
MINIMUMS												
TAKEOFF: STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: NA				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
LPV DA	2802	1	255	2802	1	255		NA			NA	
LNAV/VNAV DA	3192	2 1/4	645	3192	2 1/4	645		NA			NA	
LNAV MDA	3180	1	633	3180	1	633		NA			NA	
CIRCLING	3180	1	633	3180	1	633		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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BONIL VIA V172 EASTBOUND. SEE 8260-10.												
CITY AND STATE		ELEVATION: 2547 TDZE: 2547		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
BROKEN BOW, NE		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 14, ORIG		AMDT: NONE				
		BROKEN BOW MUNI				SEP 25 2008		DATED				

QUALITY  
CHECKED

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**NOTES CONT.**

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

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 1/2 MILE, LNAV/VNAV ALL CATS VISIBILITY 3/4 MILE, LNAV AND CIRCLING CAT B VISIBILITY 1/4 MILE.

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

\*LNAV ONLY

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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	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	412628.9175N
LTP/FTP LONGITUDE	0993846.1840W
LTP/FTP ELLIPSOIDAL HEIGHT	+07535
FPAP LATITUDE	412512.8600N
FPAP LONGITUDE	0993744.4100W
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>	C5458E4E
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07762
FPAP ORTHOMETRIC HEIGHT	+07762

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBNWK3FR14	ABOKKI	010BOKKIK3EA0E	A	IF						18000		A JS	G
SUSAP KBBWK3FR14	ABOKKI	020IMEQIK3EA0EE		010TF		12640068		+ 04500				A JS	G
SUSAP KBBWK3FR14	ABONIL	010BONILK3EA0E		IF						18000		A JS	G
SUSAP KBBWK3FR14	ABONIL	020IFFULK3EA0E	A	020TF		29010368		+ 04500				A JS	G
SUSAP KBBWK3FR14	ABONIL	030IMEQIK3EA0EE		010TF		23050050		+ 04500				A JS	G
SUSAP KBBWK3FR14	R	010IMEQIK3EA0E	I	IF				+ 04500		18000		A JS	G
SUSAP KBBWK3FR14	R	020HIDPAK3EA1E	F	051TF		14050061		+ 03900			RW14	K3PGA JS	G
SUSAP KBBWK3FR14	R	020HIDPAK3EA0NALPV			ALNAV/VNAV	ALNAV						JS	G
SUSAP KBBWK3FR14	R	021PEKUKK3EA0E	S	031TF		14050013		V 0348003486		-300		A JS	G
SUSAP KBBWK3FR14	R	020RW14 K3PGOGY	M	031TF		14050028		02587		-300		A JS	G
SUSAP KBBWK3FR14	R	040LUXXEK3EA0EYM		010DF				+ 04300				A JS	G
SUSAP KBBWK3FR14	R	050LUXXEK3EA0EE		WR02CHM		32060050		+ 04300				A JS	G

[illegible][illegible]

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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
	BOKKI	BOKKI	010	IAF	IF		FB				
	BOKKI	IMEQI	020		TF		FB	1.0	126.4(134T)	006.8	04500
	BONIL	BONIL	010		IF		FB				
	BONIL	IFFUL	020	IAF	TF		FB	2.0	290.1(298T)	036.8	04500
	BONIL	IMEQI	030		TF		FB	1.0	230.5(239T)	005.0	04500
		IMEQI	010	FACF	IF		FB				04500
		HIDPA	020	FAP	TF		FB	0.5	140.5(149T)	006.1	03900
		FEKUK	021	SDF	TF		FB	0.3	140.5(149T)	001.3	03480
		RW14	030	MAP	TF		FO	0.3	140.5(149T)	002.8	02587

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LUXXE	040		DF		FO	1.0			04300
	LUXXE	050		HM	R	FO	2.0	320.6(339T)	005.0	04300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOKKI	N413954.99	W0995217.00	N4139.917	W09952.283
	BONIL	N412034.31	W0985653.31	N4120.572	W09856.889
	FEKUK	N412852.31	W0994042.77	N4128.872	W09940.713
	HIDPA	N412957.76	W0994136.03	N4129.963	W09941.601
	IFFUL	N413747.80	W0994010.47	N4137.797	W09940.175
	IMEQI	N413511.02	W0994551.50	N4135.184	W09945.858
	LUXXE	N411604.49	W0993020.53	N4116.075	W09930.342
	RW14	N412628.92	W0993846.18	N4126.482	W09938.770

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW14	02547		40

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