

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		
AIA VOR/DME	DIVPE (FB)	225.53 / 28.33	6800	LPV: DA LNAV/VNAV: DA LNAV: RW30	
ALBIN	FOBVO (FB)	061.28 / 38.45	7800		
DIVPE (IAF)	HAKAB (NOPT) (FB)	215.77 / 5.00	6700	CLIMB TO 6900 DIRECT LEDSE AND HOLD.	
FOBVO (IAF)	HAKAB (NOPT) (FB)	035.67 / 5.00	6700		
HAKAB (IF/IAF)	CIYAR (FB)	305.72 / 6.23	5700	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 125.47 INBOUND. CHART FAS OBST: 3999 TREE 415159N/1033421W FAS OBST: 4119 AAO 415007N/1033103W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. CHART VDP AT 1.20 MILES TO RW30* *LNAV ONLY. WAAS CHANNEL # 53306 REFERENCE PATH ID: W30A	

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
 2. HOLD SE HAKAB, RT, 305.72 INBOUND, 6700 FT. IN LIEU OF PT (IAF)
 3. FAC: 305.66 FAF: CIYAR DIST FAF TO MAP: 5.27 THLD: 5.27
 4. MIN. ALT: HAKAB 6700, CIYAR 5700
 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
 6. MIN GS INCPT: 5700 GS ALT AT: CIYAR OM: _____ MM: _____ IM: _____
 7. GS ANGLE: 3.00 TCH: 53.1 34:1 IS CLEAR
 8. MSA FROM: RW30 6800

MAG VAR: 10E EPOCH YEAR: 2000

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	4201	1/2	250	4201	1/2	250	4201	1/2	250	4201	1/2	250			
LNAV/VNAV DA	4300	3/4	349	4300	3/4	349	4300	3/4	349	4300	3/4	349			
LNAV MDA	4380	1/2	429	4380	1/2	429	4380	3/4	429	4380	1	429			
CIRCLING	4500	1	533	4500	1	533	4500	1 1/2	533	4600	2	633			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING ALLIANCE ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 41C (105F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SCOTTSBLUFF, NE	ELEVATION: 3967 TDZE: 3951 AIRPORT NAME: WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 30, AMDT 1 DEC 20 2007	SUP: AMDT: ORIG DATED: 08/04/2005
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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLIANCE ALTIMETER SETTING AND INCREASE ALL DAS 91 FEET AND ALL MDAS 100 FEET; INCREASE LPV, LNAV/VNAV, LNAV CAT C/D, AND CIRCLING CAT C/D VISIBILITIES 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ALLIANCE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4.

CHART NOTE: VDP NA WHEN USING ALLIANCE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALLIANCE VOR/DME V100 NORTHEAST BOUND AND ARRIVALS AT ALBIN V81 SOUTHWEST BOUND AND V6 WESTBOUND.

CITY AND STATE

SCOTTSBLUFF, NE

ELEVATION: 3967 TDZE: 3951

AIRPORT NAME:

WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD

FACILITY
IDENTIFIER:
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PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 30, AMDT 1

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFF
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	415157.8000N
LTP/FTP LONGITUDE	1033501.2700W
LTP/FTP ELLIPSOIDAL HEIGHT	+11832
FPAP LATITUDE	415256.2900N
FPAP LONGITUDE	1033617.9300W
THRESHOLD CROSSING HEIGHT (TCH)	00053.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

A8CAD409

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+12022
FPAP ORTHOMETRIC HEIGHT	+12022

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[illegible]

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AIA	AIA	010		IF		FB				
	AIA	DIVPE	020		TF		FB	2.0	225.5 (236T)	028.3	06800
	AIA	HAKAB	030		TF		FB	1.0	215.8 (226T)	005.0	06700
	ALBIN	ALBIN	010		IF		FB				
	ALBIN	FOBVO	020	IAF	TF		FB	2.0	061.3 (071T)	038.5	07800
	ALBIN	HAKAB	030		TF		FB	1.0	035.7 (046T)	005.0	06700
	HAKAB	HAKAB	010		HF	R	FB		305.7 (316T)	007.0	06700
		HAKAB	010	FACF	IF		FB				06700
		CIYAR	020	FAF	TF		FB	0.5	305.7 (316T)	006.2	05700
		RW30	030	MAP	TF		FO	0.3	305.7 (316T)	005.3	03997

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LEDSE	040		DF		FO	1.0			06900
	LEDSE	050		HM	R	FO	2.0	125.5 (136T)	007.0	06900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AIA	N420320.27	W1024815.99	N4203.338	W10248.267
	ALBIN	N412803.95	W1041738.38	N4128.066	W10417.640
	CIYAR	N414811.69	W1033005.48	N4148.195	W10330.091
	DIVPE	N414713.54	W1031929.40	N4147.226	W10319.490
	FOBVO	N414014.44	W1032903.10	N4140.241	W10329.052
	HAKAB	N414344.09	W1032416.51	N4143.735	W10324.275
	LEDSE	N420058.56	W1034652.08	N4200.976	W10346.868
	RW30	N415157.80	W1033501.27	N4151.963	W10335.021

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW30	03944	53

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