

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	
ALBIN	SACOP (FB)	023.38 / 35.25	7800	LPV: DA LNAV/VNAV: DA LNAV: RW12
SPONS	AYAYI (FB)	236.88 / 14.02	7000	
SACOP (IAF)	LEDSE (NOPT) (FB)	035.42 / 5.00	6900	CLIMB TO 6700 DIRECT HAKAB AND HOLD.
AYAYI (IAF)	LEDSE (NOPT) (FB)	215.52 / 5.00	6900	
LEDSE (IF/IAF)	CAPGA (FB)	125.47 / 6.05	5700	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 305.72 INBOUND. CHART FAS OBST: 4049 TREE 415318N/1033557W FAS OBST: 4439 AAO 415631N/1033925W DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 2.14 MILES TO RW12* *LNAV ONLY. WAAS CHANNEL # 73005 REFERENCE PATH ID: W12A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW LEDSE, RT, 125.47 INBOUND, 6900 FT. IN LIEU OF PT (IAF)
- FAC: 125.53 FAF: CAPGA DIST FAF TO MAP: 5.21 THLD: 5.21
- MIN. ALT: LEDSE 6900, CAPGA 5700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 5700 GS ALT AT: CAPGA OM: MM: IM:
- GS ANGLE: 3.00 TCH: 56.7 34:1 IS CLEAR
- MSA FROM: RW12 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	4213	1/2	250	4213	1/2	250	4213	1/2	250	4213	1/2	250			
LNAV/VNAV DA	4340	3/4	377	4340	3/4	377	4340	3/4	377	4340	3/4	377			
LNAV MDA	4700	1/2	737	4700	1/2	737	4700	1 1/2	737	4700	1 3/4	737			
CIRCLING	4700	1	733	4700	1	733	4700	2	733	4700	2 1/4	733			

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

@ CAT D 800-2 1/4

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SCOTTSBLUFF, NE	ELEVATION: 3967 TDZE: 3963 AIRPORT NAME: WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO.: RNAV (GPS) RWY 12, 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 A/B AND CIRCLING CAT B VISIBILITIES 1/4 MILE; INCREASE LNAV AND CIRCLING CAT C/D VISIBILITIES 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALS, WHEN USING ALLIANCE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4, AND LNAV CAT A VISIBILITY TO 1.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALBIN V81 SOUTHWEST BOUND AND ARRIVALS AT SPONS V81-V169 NORTHBOUND.

CHART NOTE: VDP NA WHEN USING ALLIANCE ALTIMETER SETTING.

CITY AND STATE

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IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 12, AMDT 1

DEC 20 2007

SUP:

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KBFF
RUNWAY RW12
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W12A
LTP/FTP LATITUDE 415256.2200N
LTP/FTP LONGITUDE 1033617.8300W
LTP/FTP ELLIPSOIDAL HEIGHT +11886
FPAP LATITUDE 415157.0900N
FPAP LONGITUDE 1033500.3500W
THRESHOLD CROSSING HEIGHT (TCH) 00056.7
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.50
LENGTH OFFSET 0032
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

6760C7E1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +12075
FPAP ORTHOMETRIC HEIGHT +12075

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBFFK3FR12	AALBIN	010ALBINK1EA0E	IF						18000		A	JS
SUSAP	KBFFK3FR12	AALBIN	020SACOPK3EA0E	A 020TF		02340353	+	07800				A	JS
SUSAP	KBFFK3FR12	AALBIN	030LEDSEK3EA0EE	010TF		03540050	+	06900				A	JS
SUSAP	KBFFK3FR12	ALEDSE	010LEDSEK3EA0EE	CR HF		12550070	+	06900		18000		A	JS
SUSAP	KBFFK3FR12	ASPONS	010SPONSK3EA0E	IF						18000		A	JS
SUSAP	KBFFK3FR12	ASPONS	020AYAYIK3EA0E	A 020TF		23690140	+	07000				A	JS
SUSAP	KBFFK3FR12	ASPONS	030LEDSEK3EA0EE	010TF		21550050	+	06900				A	JS
SUSAP	KBFFK3FR12	R	010LEDSEK3EA0E	I IF			+	06900		18000		A	JS
SUSAP	KBFFK3FR12	R	020CAPGAK3EA0E	F 051TF		12550061	+	05700			RW12	K3PGA	JS
SUSAP	KBFFK3FR12	R	030RW12	K3PGOGY M 031TF		12550052		04019		-300		A	JS
SUSAP	KBFFK3FR12	R	040HAKABK3EA0EYM	010DF			+	06700				A	JS
SUSAP	KBFFK3FR12	R	050HAKABK3EA0EE	HR020HM		30570070	+	06700				A	JS

[illegible][illegible]

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SUSAP KBFFK3PR12 RW12 001 0000W12A0N4152562200W10336178300+118860300N4151570900W10335003500106500032000567F4005006760C7E1
SUSAP KBFFK3PR12 RW12 002 +12075+12075W12A 73005 000

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3
123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KBFFK3SRW12 K3PG 0 25180068 M

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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
	ALBIN	ALBIN	010		IF		FB				
	ALBIN	SACOP	020	IAF	TF		FB	2.0	023.4 (033T)	035.3	07800
	ALBIN	LEDSE	030		TF		FB	1.0	035.4 (045T)	005.0	06900
	LEDSE	LEDSE	010		HF	R	FB		125.5 (136T)	007.0	06900
	SPONS	SPONS	010		IF		FB				
	SPONS	AYAYI	020	IAF	TF		FB	2.0	236.9 (247T)	014.0	07000
	SPONS	LEDSE	030		TF		FB	1.0	215.5 (226T)	005.0	06900
		LEDSE	010	FACF	IF		FB				06900
		CAPGA	020	FAF	TF		FB	0.5	125.5 (136T)	006.1	05700
		RW12	030	MAP	TF		FO	0.3	125.5 (136T)	005.2	04019

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HAKAB	040		DF		FO	1.0			06700
	HAKAB	050		HM	R	FO	2.0	305.7 (316T)	007.0	06700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALBIN	N412803.95	W1041738.38	N4128.066	W10417.640
	AYAYI	N420428.93	W1034204.91	N4204.482	W10342.082
	CAPGA	N415639.31	W1034110.70	N4156.655	W10341.178
	HAKAB	N414344.09	W1032416.51	N4143.735	W10324.275
	LEDSE	N420058.56	W1034652.08	N4200.976	W10346.868
	SACOP	N415727.99	W1035138.73	N4157.467	W10351.646
	SPONS	N421000.69	W1032445.94	N4210.012	W10324.766
	RW12	N415256.22	W1033617.83	N4152.937	W10336.297

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	03962	57

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