

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 3000 DIRECT WIVEV AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 126.67 INBOUND. CHART FAS OBST: 1059 TREE 405909N/0924431W DISTANCE TO THLD FROM 304 HATH: 0.83 NM. WAAS CHANNEL # 66033 REFERENCE PATH ID: W31A CHART CIRCLING ICON. LTP HAE: 261.4 M											
KIGIQ (IF/IAF)	UJUSU (FB)	306.93 / 6.03	2600												
UJUSU (FAF)	ZILTU/1.60 NM TO RW31 (FB)	306.86 / 3.41													
ZILTU/1.60 NM TO RW31	RW31 (MAP) (FO)	306.86 / 1.60													
RW31 (MAP)	1267 MSL	306.86													
1267 MSL	WIVEV (FO)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE KIGIQ, RT, 306.93 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>306.86</u> FAF: <u>UJUSU</u> DIST FAF TO MAP: <u>5.01</u> THLD: <u>5.01</u> 4. MIN. ALT: KIGIQ 3000, UJUSU 2600, ZILTU/1.60 NM TO RW31 1500* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>UJUSU 2600</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 2E 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	1267	1	304	1267	1	304		NA			NA				
LNAV/VNAV DA	1313	1 1/8	350	1313	1 1/8	350		NA			NA				
LNAV MDA	1380	1	417	1380	1	417		NA			NA				
CIRCLING	1440	1	476	1760	1	796		NA			NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT. *LNAV ONLY CHART NOTE: USE OTTUMWA ALTIMETER SETTING, WHEN NOT RECEIVED USE CENTERVILLE ALTIMETER SETTING. (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 964 THRE: 963		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
ALBIA, IA				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, AMDT 1				AMDT: ORIG			
				ALBIA MUNI				22 AUGUST 2013				DATED 06/13/2002			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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NOTES, (CONT.):

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

CHART NOTE: BARO-VNAV NA.

TAA

	FROM	TO	ALT
1.	217/30 CW 037/30 (NOPT)	217/15 CW 037/15	3100
	217/15 CW 037/15	KIGIQ (IF/IAF) (FB)	3000
	037/30 CW 217/30	KIGIQ (IF/IAF) (FO)	3000

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	4C8
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	405936.0435N
LTP/FTP LONGITUDE	0924539.2160W
LTP/FTP ELLIPSOIDAL HEIGHT	+02614
FPAP LATITUDE	410031.8975N
FPAP LONGITUDE	0924710.9380W
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	1712
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5D75734E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02936
FPAP ORTHOMETRIC HEIGHT	+02936

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ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	KIGIQ	K30	W	N40523997W092341839				E0004	NAR	KIGIQ			
SUSAEENRT	UJUSU	K30	W	N40562733W092402988				E0004	NAR	UJUSU			
SUSAEENRT	WIVEV	K30	W	N41065260W092573807				E0007	NAR	WIVEV			
SUSAEENRT	ZILTU	K30	W	N40583584W092440044				E0005	NAR	ZILTU			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	4C8	K3A4C8	0	033YHN40594660W092455650E002000964			1800018000C	MNAR	ALBIA MUNI				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMNT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	4C8	K3FR31	AKIGIQ	010KIGIQK3EA0EE	AR	HF		30690040	+ 03000	18000		A	JS
SUSAP	4C8	K3FR31	R	010KIGIQK3EA0E	I	IF			+ 03000	18000		A	JS
SUSAP	4C8	K3FR31	R	020UJUSUK3EA1E	F	051TF		30690060	+ 02600			A	JS
SUSAP	4C8	K3FR31	R	020UJUSUK3EA2WALPV			ALNAV/VNAV ALNAV					JS	
SUSAP	4C8	K3FR31	R	021ZILTUK3EA0E	S	031TF		30690034	V 0150001513	-300		A	JS
SUSAP	4C8	K3FR31	R	030RW31	K3PG0GY	M 031TF		30690016	01003	-300		A	JS
SUSAP	4C8	K3FR31	R	040	0	M	CA	3069	+ 01267			A	JS
SUSAP	4C8	K3FR31	R	050WIVEVK3EA0EY		DF			+ 03000			A	JS
SUSAP	4C8	K3FR31	R	060WIVEVK3EA0EE	R	HM		12670040	+ 03000			A	JS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	4C8	K3GRW31	0033983068	N40593604W092453922-0200		+0261400963000040060R							

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	4C8	K3PR31	RW31	001	0000W31A0N4059360435W09245392160+026140300N4100318975W092471C9380106751712000400F4005005D75734E								
SUSAP	4C8	K3PR31	RW31	002E	+02936+02936LPV	66033							

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	KIGIQ	KIGIQ	010	IAF	HF	R	FO		306.9 (308.9T)	004.0	AA 03000	
		KIGIQ	010	FACF	IF		FB				AA 03000	
		UJUSU	020	FAF	TF		FB	0.5	306.9 (308.9T)	006.0	AA 02600	
		ZILTU	021	SDF	TF		FB	0.3	306.9 (308.9T)	003.4	AA 01500 GS 01513	
		RW31	030	MAP	TF		FO	0.3	306.9 (308.9T)	001.6	AT 01003	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		306.9 (308.9T)		AA 01267	
	WIVEV	050		DF		FO				AA 03000	
	WIVEV	060		HM	R	FO		126.7 (128.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	KIGIQ	N405239.97	W0923418.39	N4052.666	W09234.307
	UJUSU	N405627.33	W0924029.88	N4056.456	W09240.498
	WIVEV	N410652.60	W0925738.07	N4106.877	W09257.635
	ZILTU	N405835.84	W0924400.44	N4058.597	W09244.007
	RW31	N405936.04	W0924539.22	N4059.601	W09245.654

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00963	40

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