

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	LNAV: RW31 CLIMB TO 3000 DIRECT BAXKO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.90 INBOUND. CHART FAS OBST: 1260 TOWER 414116N/0924334W IMOGE TO RW31: 3.04/40.	
GUERN (IAF)	PICRA (NOPT) (FB)	246.24 / 14.98	3000		
NASAL (IAF)	PICRA (NOPT) (FB)	033.99 / 7.52	3000		
PICRA (IF/IAF)	IMOGE (FB)	309.16 / 6.32	2600		

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD SE PICRA, RT, 309.16 INBOUND, 3000 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>309.09</u> FAF: <u>IMOGE</u>	DIST FAF TO MAP: <u>4.81</u> THLD: <u>4.81</u>
4. MIN. ALT: <u>PICRA 3000, IMOGE 2600</u>	
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> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS NOT CLEAR	
8. MSA FROM: <u>RW31 2800</u>	MAG VAR: 2E 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	
LNAV MDA	1560	1	552	1560	1	552	1560	1 1/2	552		NA					
CIRCLING	1620	1	612	1620	1	612	1620	1 3/4	612		NA					

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA. ⊙ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NASAL VIA V6-8 WESTBOUND.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 SEE 8260-10

CITY AND STATE	ELEVATION: 1008 TDZE: 1008	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GRINNELL, IA	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 31, AMDT 1	AMDT: ORIG
	GRINNELL REGIONAL		JUN 5 2008	DATED 02/16/2006

**RNAV (GPS) - STANDARD
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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

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**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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ARINC PACKET - 424-18[illegible]

SUSAAENRT	BAXKO K30	W		N41501551W092555703	E0004	NAR	BAXKO
SUSAAENRT	GUERN K30	C	L	N41403542W092140223	E0004	NAR	GUERN
SUSAAENRT	IMOGI K30	W		N41391038W092385529	E0004	NAR	IMOGI
SUSAAENRT	NASAL K30	C	L	N41285564W092382756	E0004	NAR	NASAL
SUSAAENRT	PICRA K30	W		N41350072W092323429	E0004	NAR	PICRA

[illegible]

SUSAP KGGIK3AGGI	0	052YHN41423560W092440950E002001008	1800018000C	MNAR	GRINNELL REGIONAL
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[illegible]

SUSAP	KGGIK3FR31	AGUERN	010GUERNK3EA0E	A	IF				18000		B	JS
SUSAP	KGGIK3FR31	AGUERN	020PICRAK3EA0EE		010TF		24620150	+	03000		B	JS
SUSAP	KGGIK3FR31	ANASAL	010NASALK3EA0E	A	IF				18000		B	JS
SUSAP	KGGIK3FR31	ANASAL	020PICRAK3EA0EE		010TF		03400075	+	03000		B	JS
SUSAP	KGGIK3FR31	APICRA	010PICRAK3EA0EE	CR	HF		30920040	+	03000	18000	B	JS
SUSAP	KGGIK3FR31	R	010PICRAK3EA0E	I	IF			+	03000	18000	B	JS
SUSAP	KGGIK3FR31	R	020IMOG EK3EA1E	F	051TF		30920063	+	02600		RW31	K3PGB JS
SUSAP	KGGIK3FR31	R	020IMOG EK3EA2WN			N	ALNAV					JS
SUSAP	KGGIK3FR31	R	030RW31	K3PGOGY	M	031TF	30910048		01048	-304		B JS
SUSAP	KGGIK3FR31	R	040BAXKOK3EA0EYM		010DF			+	03000			B JS
SUSAP	KGGIK3FR31	R	050BAXKOK3EA0EE		HR020HM		12890040	+	03000			B JS

[illegible]

SUSAP KGGIK3GRW31 0050003090 N41422006W092434566-0400 +0275201008020040075R

[illegible]

SUSAP KGGIK3SRW31 K3PG 0 18018002825 M

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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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
	GUERN	GUERN	010	IAF	IF		FB				
	GUERN	PICRA	020		TF		FB	1.0	246.2 (248T)	015.0	03000
	NASAL	NASAL	010	IAF	IF		FB				
	NASAL	PICRA	020		TF		FB	1.0	034.0 (036T)	007.5	03000
	PICRA	PICRA	010		HF	R	FB		309.2 (311T)	004.0	03000
		PICRA	010	FACF	IF		FB				03000
		IMOGE	020	FAF	TF		FB	0.5	309.2 (311T)	006.3	02600
		RW31	030	MAP	TF		FO	0.3	309.1 (311T)	004.8	01048

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAXKO	040		DF		FO	1.0			03000
	BAXKO	050		HM	R	FO	2.0	128.9 (131T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAXKO	N415015.51	W0925557.03	N4150.259	W09255.951
	GUERN	N414035.42	W0921402.23	N4140.590	W09214.037
	IMOGE	N413910.38	W0923855.29	N4139.173	W09238.922
	NASAL	N412855.64	W0923827.56	N4128.927	W09238.459
	PICRA	N413500.72	W0923234.29	N4135.012	W09232.572
	RW31	N414220.06	W0924345.66	N4142.334	W09243.761

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01008	40

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