

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**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		
SAYQU (IF/IAF)	UKYUG (FB)	313.50 / 6.10	3000	LPV: DA LNAV/VNAV: DA LNAV: RW31	
UKYUG (FAF)	WOTIM/2.00 NM TO RW31 (FB)	313.44 / 3.75		CLIMB TO 3000 DIRECT TIDMY AND HOLD.	
WOTIM/2.00 NM TO RW31	RW31 (MAP) (FO)	313.44 / 2.00			
RW31 (MAP)	1507 MSL	313.44			
1507 MSL	TIDMY (FO)		3000	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 133.24 INBOUND. CHART FAS OBST: 1254 TREE 424118N/0935223W 1359 AAO 423852N/0934835W. DISTANCE TO THLD FROM 378 HATH: 1.12 NM. WAAS CHANNEL # 72634 REFERENCE PATH ID: W31A CHART CIRCLING ICON. LTP HAE: 315.9 M	

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD SE SAYQU, RT, 313.50 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 313.44 FAF: UKYUG DIST FAF TO MAP: 5.75 THLD: 5.75
- MIN. ALT: SAYQU 3000, UKYUG 3000, WOTIM/2.00 NM TO RW31 1800\*
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 3000 GS ALT AT: UKYUG 3000 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 3E EPOCH YEAR: 1995

**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	1507	1 1/4	378	1507	1 1/4	378		NA			NA				
LNAV/VNAV DA	1572	1 1/2	443	1572	1 1/2	443		NA			NA				
LNAV MDA	1540	1	411	1540	1	411		NA			NA				
CIRCLING	1660	1	528	1660	1	528		NA			NA				

NOTES:  
CHART NOTE: CIRCLING TO RWY 13 NA AT NIGHT.  
CHART NOTE: DME/DME RNP-0.3 NA.  
\*LNAV ONLY  
CHART NOTE: USE CLARION ALTIMETER SETTING, WHEN NOT RECEIVED, USE FORT DODGE ALTIMETER SETTING AND (SEE FORM 8260-10)



CITY AND STATE EAGLE GROVE, IA	ELEVATION: 1132 THRE: 1129 AIRPORT NAME: EAGLE GROVE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 2 22 AUGUST 2013	SUP: AMDT: 1 DATED 02/11/2010
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**RNAV - STANDARD**  
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NOTES, (CONT.):

INCREASE ALL DA AND MDA 20 FT, INCREASE ALL LPV AND LNAV/VNAV CATS VISIBILITIES 1/8 MILE.  
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: BARO-VNAV NA.

TAA

	FROM	TO	ALT
1.	224/30 CW 044/30 (NOPT)	SAYQU (IF/IAF) (FB)	3000
2.	044/30 CW 224/30	SAYQU (IF/IAF) (FO)	3000



CITY AND STATE  
 EAGLE GROVE, IA

ELEVATION: 1132 THRE: 1129  
 AIRPORT NAME:  
 EAGLE GROVE MUNI

FACILITY IDENTIFIER:  
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
 RNAV (GPS) RWY 31, AMDT 2  
 22 AUGUST 2013

SUP:  
 AMDT: 1  
 DATED: 02/11/2010

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

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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	KEAG
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	424223.8925N
LTP/FTP LONGITUDE	0935443.4270W
LTP/FTP ELLIPSOIDAL HEIGHT	+03159
FPAP LATITUDE	424328.4065N
FPAP LONGITUDE	0935606.8190W
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	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B207CEC9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03440
FPAP ORTHOMETRIC HEIGHT	+03440



CITY AND STATE EAGLE GROVE, IA	ELEVATION: 1132      THRE: 1129	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 2 22 AUGUST 2013	SUP:
	AIRPORT NAME: EAGLE GROVE MUNI			AMDT: 1
				DATED: 02/11/2010



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
 FLIGHT STANDARDS SERVICES - FAR PART 97.33

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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
	SAYQU	SAYQU	010	IAF	HF	R	FO		313.5 (316.5T)	004.0	AA 03000	
		SAYQU	010	FACF	IF		FB				AA 03000	
		UKYUG	020	FAF	TF		FB	0.5	313.5 (316.5T)	006.1	AA 03000	
		WOTIM	021	SDF	TF		FB	0.3	313.4 (316.4T)	003.8	AA 01800	GS 01806
		RW31	030	MAP	TF		FO	0.3	313.4 (316.4T)	002.0	AT 01169	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		313.4 (316.4T)		AA 01507	
	TIDMY	050		DF		FO				AA 03000	
	TIDMY	060		HM	R	FO		133.2 (136.2T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SAYQU	N423348.48	W0934339.68	N4233.808	W09343.661
	TIDMY	N425121.87	W0940621.11	N4251.365	W09406.352
	UKYUG	N423813.90	W0934920.94	N4238.232	W09349.349
	WOTIM	N424056.98	W0935251.19	N4240.950	W09352.853
	RW31	N424223.89	W0935443.43	N4242.398	W09354.724

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01129	40

QUALITY  
4  
CHECKED

CITY AND STATE <b>EAGLE GROVE, IA</b>	ELEVATION: <b>1132</b> THRE: <b>1129</b> AIRPORT NAME: <b>EAGLE GROVE MUNI</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 31, AMDT 2</b>  22 AUGUST 2013	SUP:
				AMDT: <b>1</b>
				DATED: <b>02/11/2010</b>