

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		LPV: DA LNAV/VNAV: DA LNAV: RW34							
TRIGS (IF/IAF)		DOGGO (FB)		340.15 / 5.00				2700		CLIMBING LEFT TURN TO 2700 DIRECT TRIGS AND HOLD.							
DOGGO (FAF)		NEEPS/2.10 NM TO RW34 (FB)		340.13 / 2.79													
NEEPS/2.10 NM TO RW34		RW34 (MAP) (FO)		340.13 / 2.10													
RW34 (MAP)		1398 MSL		340.13													
1398 MSL		TRIGS (FO)						2700		ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1219 TREE 433454N/0940556W DISTANCE TO THLD FROM 291 HAT: 0.80 NM. WAAS CHANNEL # 70339 REFERENCE PATH ID: W34A CHART CIRCLING ICON. CHART MINNEAPOLIS CENTER FREQUENCY. CHART FAIRMONT MUNI AWOS-3. LTP HAE: 309.1 M							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. HOLD S TRIGS, RT, 340.15 INBOUND, 2700 FT. IN LIEU OF PT (IAF)																	
3. FAC: 340.13 FAF: DOGGO DIST FAF TO MAP: 4.89 THLD: 4.89																	
4. MIN. ALT: TRIGS 2700, DOGGO 2700, NEEPS/2.10 NM TO RW34 1800*																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 2700 GS ALT AT: DOGGO 2700 OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 35.0 34:1 IS CLEAR																	
8. MSA FROM: _____																	
MAG VAR: 1E EPOCH YEAR: 2020																	
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	1398	1	291	1398	1	291	1398	1	291		NA						
LNAV/VNAV DA	1548	1 1/2	441	1548	1 1/2	441	1548	1 1/2	441		NA						
LNAV MDA	1520	1	413	1520	1	413	1520	1 1/8	413		NA						
CIRCLING	1560	1	453	1560	1	453	1720	1 3/4	613		NA						
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: USE FAIRMONT ALTIMETER SETTING; WHEN NOT RECEIVED, USE FOREST CITY ALTIMETER SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS, LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 MILE. (CONTINUED ON PAGE 2)																	
CITY AND STATE BLUE EARTH, MN		ELEVATION: 1107 TDZE: 1107 AIRPORT NAME: BLUE EARTH MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, ORIG 31 MARCH 2016				SUP: AMDT: NONE					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

*LNAV ONLY

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING NA TO RWYS 3 AND 21.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	250/30 CW 070/30 (NOPT)	250/6 CW 070/6	3000
	250/6 CW 070/6	TRIGS (IF/IAF) (FB)	2700
2.	070/30 CW 250/30	070/6 CW 250/6	3000
	070/6 CW 250/6	TRIGS (IF/IAF) (FO)	2700

CITY AND STATE

BLUE EARTH, MN

ELEVATION: 1107

TDZE: 1107

AIRPORT NAME:

BLUE EARTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, ORIG

31 MARCH 2016

SUP:

AMDT: **NONE**

DATED:

QUALITY
22
CHECKED

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBU
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	433522.2210N
LTP/FTP LONGITUDE	0940525.5535W
LTP/FTP ELLIPSOIDAL HEIGHT	+03091
FPAP LATITUDE	433646.5270N
FPAP LONGITUDE	0940605.2810W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
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

AB13D5F2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03375
FPAP ORTHOMETRIC HEIGHT	+03375

QUALITY
22
CHECKED

CITY AND STATE

BLUE EARTH, MN

ELEVATION: 1107

TDZE: 1107

AIRPORT NAME:

BLUE EARTH MUNI

 FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, ORIG

31 MARCH 2016

SUP:

AMDT:

NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KSBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
TRIGS	010	TRIGS	HF	FO		340.2			R			AA 02700		EE A
	010	TRIGS	IF	FB								AA 02700		E I
	020	DOGGO	TF	FB	0.5	340.2						AA 02700		E F
	021	NEEPS	TF	FB	0.3	340.1		3.00				AA 01800 GS 01811		E S
	030	RW34	TF	FO	0.3	340.1		3.00				AT 01142		GY M
	040		CA	FB		340.1						AA 01398		M
	050	TRIGS	DF	FO					L			AA 02700		EY
	060	TRIGS	HM	FO		340.2			R			AA 02700		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
DOGGO	N433044.51	W0940314.92
NEEPS	N433322.99	W0940429.43
TRIGS	N432600.57	W0940101.72

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW34	N433522.22	W0940525.55	01107	35

CITY AND STATE
BLUE EARTH, MN

ELEVATION: **1107** **TDZE: 1107**
 AIRPORT NAME:
BLUE EARTH MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 34, ORIG
 31 MARCH 2016

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 22
 CHECKED