

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> SOUTHEAST IOWA RGNL	<u>AIRPORT ID</u> KBRL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> BURLINGTON	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 698	<u>TDZE</u> 694	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 05/07/2009	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 269/30 CW 089/30	NOPT	ETKUC	IF/IAF	3000
2. 089/30 CW 179/30		OWZEP	IAF	3000
3. 179/30 CW 269/30		VOSXE	IAF	3000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
OWZEP	IAF	ETKUC	NOPT	TF	FB	1.00	088.48	5.00	3000
VOSXE	IAF	ETKUC	NOPT	TF	FB	1.00	268.62	5.00	3000
ETKUC	IF/IAF	FUWQO		TF	FB	1.00	358.55	6.10	2400
FUWQO	FAF	RW36	MAP	TF	FO	0.30	358.55	5.17	
RW36	MAP	894 MSL		CA			358.55		
894 MSL		AXCUK		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT AXCUK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S ETKUC, RT, 358.55 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 358.55 FAF: FUWQO DIST FAF TO MAP: 5.17 DIST FAF TO THLD: 5.17

4. MIN ALT: ETKUC 3000, FUWQO 2400

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.51 GS ANT: MM: IM:

6. MIN GP INCPT: 2400 GP ALT AT FAF : FUWQO 2400 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 53.6

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.16 NM TO RW36*
*LNAV ONLY
WAAS CHANNEL #42711
REFERENCE PATH ID: W36A
CHART FAS OBST: 844 OL STACK 404428N/0910659W.
HOLD N, RT, 178.55 INBOUND
LTP HAE: 173.2 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	894	1/2	200	894	1/2	200	894	1/2	200		NA				
LNAV/VNAV DA	1026	3/4	332	1026	3/4	332	1026	3/4	332		NA				
LNAV MDA	1100	1/2	406	1100	1/2	406	1100	3/4	406		NA				
CIRCLING	1180	1	482	1180	1	482	1380	2	682		NA				



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBRL
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	404613.4000N
LTP/FTP LONGITUDE	0910725.5100W
LTP/FTP ELLIPSOIDAL HEIGHT	+01732
FPAP LATITUDE	404719.6100N
FPAP LONGITUDE	0910726.2000W
THRESHOLD CROSSING HEIGHT (TCH)	00053.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	F1CF9680

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02063
FPAP ORTHOMETRIC HEIGHT	+02063

