

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 ID</u> KBUU	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> BURLINGTON	<u>STATE</u> WI		
<u>AIRPORT ELEVATION</u> 780	<u>TDZE</u> 780	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 202/30 CW 022/30	NOPT	202/10 CW 022/10		2900
2. 202/10 CW 022/10		SONOY	IF/IAF	2500
3. 022/30 CW 202/30		SONOY	IF/IAF	2900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SONOY	IF/IAF	WABEL		TF	FB	1.00	291.94	6.10	2500
WABEL	FAF	FOBOR/3.20 NM TO RW29		TF	FB	0.30	291.86	2.10	
FOBOR/3.20 NM TO RW29		RW29	MAP	TF	FO	0.30	291.86	3.20	
RW29	MAP	1160 MSL		CA			291.86		
1160 MSL		JIGTA		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LP: RW29
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT JIGTA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD E SONOY, RT, 291.94 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 291.86FAF: WABELDIST FAF TO MAP: 5.30DIST FAF TO THLD: 5.30
4. MIN ALT: SONOY 2500, WABEL 2500, FOBOR/3.20 NM TO RW29 1820
5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:
6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:
7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS CLEARTCH:
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 1 AND 19.
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 111.59 INBOUND.
CHART FAS OBST: 900 TREE (55-049577) 424114N/0881630W.
FAS OBST: 1010 AAO 424049N/0881323W.
CHART VDP AT 0.98 NM TO RW29.
WAAS CHANNEL # 82732
REFERENCE PATH ID: W29A
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
LTP HAE: 202.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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
LP MDA	1160	1	380	1160	1	380	1160	1	380	1160	1	380			
LNAV MDA	1280	1	500	1280	1	500	1280	1 3/8	500	1280	1 3/8	500			
CIRCLING	1300	1	520	1380	1	600	1380	1 1/2	600	1560	2 1/2	780			



CHANGES - REASONS

1. REMOVED "CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 29 NA AT NIGHT." - 20:1 PENETRATIONS TO RWY 29 REMOVED.
2. CHANGED 20:1 REMARK TO CLEAR, ADDED VDP. - 20:1 PENETRATIONS TO RWY 29 REMOVED.
3. CHANGED HELICOPTER VISIBILITY NOTE FROM 1 SM TO 3/4 SM. - 20:1 PENETRATIONS TO RWY 29 REMOVED BUT 34:1 PENETRATIONS REMAIN.
4. ADDED "- GPS" TO PBN REQUIREMENT NOTES. - IAW 8260.19I PARA 8-6-8.B (2).
5. ADDED "FAS OBST: 1010 AAO 424049N/0881323W." TO ADDITIONAL FLIGHT DATA. - UPDATED EVALUATION.
6. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE MINS. - PROCEDURE NA AS ALTERNATE WITH ONLY BACK-UP WEATHER AVAILABLE.
7. CHANGED LP CAT C AND D VIS FROM 1 1/8 TO 1 SM. - UPDATED TO CURRENT 8260.3E CRITERIA.
8. CHANGED FPAP LAT/ LONG FROM 424151.7200N/0881945.9000W TO 424151.7235N/0881945.8890W AND CRC REMAINDER FROM 88BD89DB TO 2DF87323. - UPDATED FPAP COORDINATES.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, MKE APP CON, AMGR

FLIGHT CHECKED BY

JEFFREY W HARING

Digitally signed by

CASIMIR L TABAKA

OFFICE

FPO

DATE

11/30/2021

DEVELOPED BY

STEVEN WINNER

Digitally signed by

STEVEN E WINNER

Oct 20, 2021

OFFICE

AJV-A422

DATE

09/14/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

CASIMIR L TABAKA

Dec 15, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
8
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBUU
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	424123.0390N
LTP/FTP LONGITUDE	0881751.4950W
LTP/FTP ELLIPSOIDAL HEIGHT	+02021
FPAP LATITUDE	424151.7235N
FPAP LONGITUDE	0881945.8890W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	2DF87323

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02364
FPAP ORTHOMETRIC HEIGHT	+02364

