

**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.

AIRPORT SOUTHEAST IOWA RGNL	AIRPORT ID KBRL	PROCEDURE NAME RNAV (GPS) RWY 30	ORIGINAL/AMENDMENT 1B	CITY BURLINGTON	STATE IA
AIRPORT ELEVATION 698	TDZE 697	SUPERSEDED RNAV (GPS) RWY 30	ORIGINAL/AMENDMENT 1A	DATED 10/16/2014	MAG VAR 1E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 20 JUNE 2019	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND	EPOCH YEAR 1995

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 209/30 CW 029/30	NOPT	HEMMY	IF/IAF	3000
2. 029/30 CW 209/30		029/20 CW 209/20		3100
3. 029/20 CW 209/20		HEMMY	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HEMMY	IF/IAF	DITKE		TF	FB	1.00	298.69	6.20	2400
DITKE	FAF	RW30	MAP	TF	FO	0.30	298.61	5.22	
RW30	MAP	989 MSL		CA			298.61		
989 MSL		FABOL		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT FABOL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD SE HEMMY, RT, 298.69 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 298.61 **FAF:** DITKE **DIST FAF TO MAP:** 5.22 **DIST FAF TO THLD:** 5.22
- 4. **MIN ALT:** HEMMY 3000, DITKE 2400
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **298 HAT:** 0.79 **GS ANT:**
- 6. **MIN GP INCPT:** 2400 **GP ALT AT FAF :** DITKE 2400 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET)).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 1.17 NM TO RW30*
 *LNAV ONLY
 WAAS CHANNEL #45535
 REFERENCE PATH ID: W30A
 CHART FAS OBST: 839 TWR 404627N/0910646W.
 HOLD NW, RT, 118.40 INBOUND
 LTP HAE: 179.2 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												
LPV DA	995	1	298	995	1	298	995	1	298		NA					
LNAV/VNAV DA	989	1	292	989	1	292	989	1	292		NA					
LNAV MDA	1100	1	403	1100	1	403	1100	1 1/8	403		NA					
CIRCLING	1180	1	482	1180	1	482	1380	2	682		NA					



CHANGES - REASONS

1. INCREASED CIRCLING CAT A/B MDA 1160/ HAA 462 TO MDA 1180/HAA 482. - NEW OBSTACLE.
2. REMOVED DME/DME RNP-0.3 NA AND ADDED EQUIPMENT REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, PARA 8-6-8.
3. CHANGED NOTE: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C OR ABOVE 54C." - FAHRENHEIT IS NO LONGER REQUIRED ON THIS NOTE.
4. ADDED 20:1 IS CLEAR. - REQUIRED.
5. CHANGED NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED." TO "RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 8260.19H PARA 8-6-11K(3).
6. DECREASED CIRCLING CAT C MDA 1400/HAA 702 TO MDA 1380/HAA 682. - SAME CONTROLLING OBSTACLE, NEW SURVEY LOWERED OBSTACLE FROM 1087 TO 1080 MSL.
7. INCORPORATED CHANGES FROM AMDT 1A - IAW FAAO 8260.19H, PARA 8-3-4C(2).
8. REMOVED ALL NOTES AND REFERENCES TO FORT MADISON ALTIMETER SETTING - LOCAL ASOS ON WMSCR, NOTES MOVED TO FORM 8260-9 FOR CONTINGENCY USE.
9. CHANGED PROCEDURE FROM THRE TO TDZE. - REQUIRED.

4/15/2019. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON APR 4 2019. JH

1. CHANGED PROCEDURE FROM THRE TO TDZE.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: AMGR, ZAU

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by
CASIMIR L TABAKA

Apr 17, 2019

OFFICE

AJV-A422

DATE

02/15/2019

DEVELOPED BY

JIMMY S. HUGHES

Digitally signed by
CASIMIR L TABAKA

Apr 17, 2019

APPROVED BY

JULIE MORGAN

Digitally signed by
CASIMIR L TABAKA

Apr 17, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBRL
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	404705.4300N
LTP/FTP LONGITUDE	0910714.6925W
LTP/FTP ELLIPSOIDAL HEIGHT	+01792
FPAP LATITUDE	404749.3900N
FPAP LONGITUDE	0910856.7500W
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	1272
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	038A57D3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02124
FPAP ORTHOMETRIC HEIGHT	+02124

