

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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> VOR RWY 30	<u>ORIGINAL/AMENDMENT</u> 13D	<u>CITY</u> BURLINGTON	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 698	<u>TDZE</u> 697	<u>SUPERSEDED</u> VOR RWY 30	<u>ORIGINAL/AMENDMENT</u> 13C	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> BRL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>

MISSED APPROACH

MAP:

9.62 NM AFTER BRL VOR/DME OR AT BRL 9.62 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT BRL VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L **SIDE OF COURSE** 107.57 **OUTBOUND** 3000 **FT WITHIN** 10 **MILES OF** BRL VOR/DME (IAF)
- 2.
3. **FAC:** 287.57 **FAF:** BRL VOR/DME **DIST FAF TO MAP:** 9.62 **DIST FAF TO THLD:** 9.62
4. **MIN ALT:** BRL VOR/DME 3000, UGULE INT/7.92 DME 1280
8. **MSA FROM:** BRL VOR/DME 3100

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
UGULE TO RW30: 2.98/45.
CHART VDP AT 8.45 DME
DISTANCE VDP TO THLD 1.17 NM
CHART FAS OBST: 839 TANK 404627N/0910646W.
HOLD E, RT, 288.00 INBOUND

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
S-30	1280	1	583	1280	1	583	1280	1 3/4	583		NA				
CIRCLING	1280	1	582	1280	1	582	1380	2	682		NA				
UGULE FIX MINIMUMS															
S-30	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 S-30 ALL CATS MDA 1260/HAT 563 TO MDA 1280/HAT 583. - NEW SURVEY RAISED PREVIOUS CONTROLLING OBSTACLE HEIGHT BY 10 FEET.
2. INCREASED S-30 CAT C VISIBILITY FROM 1 1/2 TO 1 3/4. - COMPUTED IAW FAAO 8260.3D, CHAPTER 3.
3. INCREASED CIRCLING CAT A/B MDA/HAA FROM 1260/562 TO 1280/582 - MATCH HIGHER STRAIGHT-IN MDA.
4. INCREASED CIRCLING CAT C MDA/HAA FROM 1260/562 TO 1380/682 AND VISIBILITY FROM 1 1/2 TO 2 - NEW CONTROLLING OBSTACLE IDENTIFIED IN LARGER CIRCLING AREA.
5. INCREASED UGULE FIX MINIMUMS ALL CATS MDA 1080/HAT 383 TO MDA 1100/HAT 403. - NEW SURVEY RAISED PREVIOUS CONTROLLING OBSTACLE HEIGHT BY 10 FEET.
6. ADDED CHART CIRCLING ICON IN ADDITIONAL FLIGHT DATA. - IAW FAAO 8260.19H, PARA 8-6-10T.
7. INCREASED UGULE FIX MINIMUMS CAT C VISIBILITY FROM 1 TO 1 1/8. - COMPUTED IAW FAAO 8260.3D, CHAPTER 3.
8. INCREASED UGULE FIX MINIMUMS CIRCLING CAT A/B MDA/HAA FROM 1160/462 TO 1180/482. - NEW CONTROLLING OBSTACLE IDENTIFIED.
9. INCREASED UGULE FIX MINIMUMS CIRCLING CAT C MDA/HAA FROM 1160/462 TO 1380/682 AND VISIBILITY FROM 1 1/2 TO 2 - NEW CONTROLLING OBSTACLE IDENTIFIED IN LARGER CIRCLING AREA.
10. 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).
11. ADDED VDP. - NO 20:1 PENETRATIONS.
12. AMENDED MINIMUM ALTITUDE AT UGULE INT FROM 1260 TO 1280 - NEW CONTROLLING OBSTACLE IDENTIFIED IN FINAL SEGMENT.
13. AMENDED UGULE TO RW30 DESCENT ANGLE FROM 2.88 TO 2.98 - RECOMPUTED USING UPDATED MINIMUM CROSSING ALTITUDE AT UGULE.
14. INCORPORATED CHANGES FROM AMDT 13A, 13B, AND 13C - IAW FAAO 8260.19H, PARA 8-3-4C(2).



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAU, AMGR

FLIGHT CHECKED BY

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

DEVELOPED BY

JIMMY S. HUGHES

Digitally signed by

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Feb 26, 2019

Digitally signed by

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Apr 04, 2019

APPROVED BY

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Apr 04, 2019

OFFICE

OFFICE

AJV-A422

OFFICE

AJV-A420

DATE

DATE

02/26/2019

DATE

TITLE

MANAGER

