

**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 ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
FSW	VOR-A	7C	FORT MADISON	IA		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
722		VOR/DME-A	7B	04/23/2020	5E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
BRL		12 JUNE 2025	ROUTINE			

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>
BRL VOR/DME	IF/IAF	AWJUB/BRL 14.00 DME					253.25	14.00	2300

MISSED APPROACH

MAP:

MAHIW/BRL 18.46 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 2600 DIRECT BRL VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--------------|---|--------------------------|------------------|----------|-------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD E BRL VOR/DME, RT, 253.25 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | |
| 3. FAC: | 253.25 | FAF: AWJUB/BRL 14.00 DME | DIST FAF TO MAP: | | DIST FAF TO THLD: |
| 4. MIN ALT: | BRL VOR/DME 2600, AWJUB/BRL 14.00 DME 2300 | | | | |
| 8. MSA FROM: | BRL VOR/DME 3100 | | | | |

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 322 CW 161.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND CIRCLING VISIBILITY CAT D 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 949 TOWER (19-064882) 404152N/0911710W.
FAC CROSSES MIDPOINT OF RWY 17-35.
CHART CIRCLING ICON.



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
CIRCLING	1220	1	498	1220	1	498	1260	1 1/2	538	1500	2 1/2	778			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT 7B INTO FORM - 8260.19J PARA 8-3-4.C (3).
2. PROCEDURE NAME: CHANGED FROM VOR/DME-A TO VOR-A - DME IN PROCEDURE NAME IS NO LONGER VALID, 8260.19J PARA 8-2-2.B AND 8260.3F PARA 1-6-2.A AND 1-6-3.A.
3. TERMINAL ROUTES, INTERMEDIATE SEGMENT FROM BRL VOR/DME TO AWJUB: CHANGED COURSE FROM 253.26 TO 253.25 - NEW CALCULATION OF COURSE.
4. PROFILE LINE 2: CHANGED COURSE INBOUND FROM 253.26 TO 253.25 AND ADDED "MAX 6000" - NEW INTERMEDIATE COURSE AND 8260.19J PARA 8-6-7.B.(2).
5. PROFILE LINE 3: CHANGED FAC FROM 253.26 TO 253.25 - NEW CALCULATION OF COURSE.
6. PROFILE LINE 4: ADDED FIX MAKEUP "BRL 14.00 DME" TO AWJUB - 8260.19J PARA. 8-2-6.C.
7. EQUIPMENT REQUIREMENT NOTES: ADDED "DME REQUIRED" - REQUIRED TO IDENTIFY FAF AND MAP, 8260.19J PARA. 8-6-9.A.(2).
8. NOTES: CHANGED "CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 322 CW 192" TO "CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 322 CW 161" - REPLACED R-192 WITH R-161, NO AIRWAY IS CHARTED ON R-192.
9. NOTES: REFORMATTED BACK-UP ALTIMETER NOTE TO REPLACE "BURLINGTON" WITH LOCATION ID "BRL" - 8260.19J PARA. 8-6-10.F.(4).
10. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "969 TOWER 403922N/0911631W" TO "949 TOWER (19-064882) 404152N/0911710W" - NEW FINAL CONTROLLING OBSTACLE.
11. ALTERNATE MINIMUMS: ADDED "CAT D 800-2 12" - INCREASE IN CIRCLING CAT D VISIBILITY FROM 2 TO 2 1/2 SM ON AMDT 7B.
12. MINIMUMS: INCREASED CIRCLING CAT C MDA/HAA FROM 1220/498 TO 1260/538 - NEW CONTROLLING OBSTACLE.

COORDINATED WITH:

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

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by

RAKE MCGRAW

Apr 14, 2025

OFFICE

AJF

DATE

03/20/2025

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OFFICE

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DATE

TITLE

MANAGER

