

**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> OVL	<u>PROCEDURE NAME</u> VOR-A	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> OLIVIA	<u>STATE</u> MN
<u>AIRPORT ELEVATION</u> 1080	<u>TDZE</u>	<u>SUPERSEDED</u> VOR/DME OR GPS-A	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 02/27/2020
<u>FACILITY</u> RWF	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 7E
				<u>EPOCH YEAR</u> 1965
				<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>
RWF VOR/DME	IF/IAF	ROADS/RWF 14.00 DME					004.98	14.00	2600

MISSED APPROACH

MAP:

MABBO/RWF 19.05 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2600 DIRECT RWF VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|---------------------|---|-----------------|---------------------|-------------------------|--------------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| | HOLD S RWF VOR/DME, RT, 016.00 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 6000. | | | | |
| 3. FAC: | 004.98 | FAF: | ROADS/RWF 14.00 DME | DIST FAF TO MAP: | DIST FAF TO THLD: |
| 4. MIN ALT: | RWF VOR/DME 2600, ROADS/RWF 14.00 DME 2600 | | | | |
| 8. MSA FROM: | RWF VOR/DME 3000 | | | | |

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RWF ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND VISIBILITY CAT C/D 1/4 SM.
CHART PLANVIEW NOTE: NOPT FOR ARRIVALS ON RWF VOR/DME AIRWAY RADIALS 103 CW 283.

ADDITIONAL FLIGHT DATA:

FAC CROSSES MIDPOINT OF RWY 11-29.

FAS OBST: 1290 AAO 444257N/0950145W.
CHART AT OR ABOVE 2600 AT RWF VOR/DME.



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												
CIRCLING	1620	1	540	1620	1	540	1720	1 3/4	640	1720	2	640			

CHANGES - REASONS

- PROCEDURE NAME: CHANGED FROM "VOR OR GPS -A" TO "VOR-A" – AFS MEMO OF AUGUST 24TH 2000, REMOVING "OR GPS" FROM PROCEDURE TITLES.
- ADDED EQUIPMENT REQUIREMENTS NOTES: DME REQUIRED. – IAW 8260.19K, 8-6-8/FPT CHECKLIST
- TERMINAL ROUTES: LINE 2 COURSE CHANGED FROM "005.00" TO "004.98" – UPDATED EVALUATION RESULTS. NO CHANGE TO CHARTED COURSE.
- MAP: CHANGED FROM "RWF R-005/19.1 DME" TO "MABBO/RWF 19.05 DME" – IAW 8260.19K, 2-10-4A.
- MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING LEFT TURN TO 2600 VIA RWF R-005 TO ROADS 14 DME AND HOLD" TO "CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2600 DIRECT RWF VOR/DME AND HOLD." – HOLDING AT ROADS ELIMINATED PER FPT.
- PROFILE: LINE 2 H-I-L CHANGED FROM "HOLD S RWF VORTAC, RT, 016.0 INBOUND, 2600 FT IN LIEU OF PT (IAF)" TO "HOLD S RWF VOR/DME, RT, 016.00 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 6000 – IAW 8260.19K, PARA 8-6-7 B.
- PROFILE: LINE 3 FAC CHANGED FROM "005" TO "004.98" - UPDATED EVALUATION RESULTS. NO CHANGE TO CHARTED COURSE.
- PROFILE: LINE 4: UPDATED FROM "RWF VORTAC 2600, ROADS/14 DME 2600" TO "RWF VOR/DME 2600, ROADS/RWF 14.00 DME 2600" – IAW 8260.19K, 8-6-7 D.
- NOTES: UPDATED FROM "USE REDWOOD FALLS ALTIMETER SETTING" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, RWF ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND VISIBILITY CAT C/D 1/4 SM." – 8260.19K, 8-6-10 AND PREVIOUS PUBLICATION SHOWED 0 FT RASS ADJ, SO NO BACKUP ALTIMETER NOTE WAS PUBLISHED.
- NOTES: PLACED BACK UP ALTIMETER NOTE IN THE NOTES SECTION – ATC REQUEST.
- ADDITIONAL FLIGHT DATA: FAS OBST NOTE CHANGED FROM "FAS OBST: 1280 TOWER 444624 I 950324" TO "FAS OBST: 1290 AAO 444257N/0950145W." – NEW CONTROLLING OBSTACLE IN FINAL SEGMENT.
- ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19K,8-6-12B (4).
- ADDITIONAL FLIGHT DATA: CHANGED FROM "FAC 1053FT RIGHT OF RWY 11 THLD" TO "FAC CROSSES MIDPOINT OF RWY 11-29" - IAW 8260.19K, 8-6-11G (3).
- AIRPORT ELEVATION CHANGED FROM 1076 TO 1080, AND ARP CHANGED FROM "444642.86N/0950158.00W" TO "444642.90N/0950158.01W" - PENDING AIRPORT DATA UTILIZED WITH A CHART DATE OF 11-27-25.
- CIRCLING CAT A/B HAA CHANGED FROM 544 TO 540 FT AND CAT C/D HAA CHANGED FROM 644 TO 640 FT - PENDING AIRPORT ELEVATION CHANGE CHART DATE 11-27-25.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMP, AMGR

FLIGHT CHECKED BY

JAMES HAWLEY

Digitally signed by

ALLAN WILL

Jan 12, 2026

OFFICE

AJF

DATE

01/02/2026

DEVELOPED BY

ALLAN WILL (JAY BAGGETT)

Digitally signed by

ALLAN WILL

Jan 12, 2026

OFFICE

AJV-A421

DATE

09/02/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL

Jan 12, 2026

OFFICE

AJV-A33

DATE

TITLE
MANAGER



AIRPORT ID
OVL

PROCEDURE NAME
VOR-A

AMDT NO.
3

CITY
OLIVIA

STATE
MN

AIRPORT ELEVATION
1080

FACILITY
RWF

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
BUILDING (27-006005)	444646.00N/0950054.00W	1.30	540	1222	250	50	4D	300		AC50	1620
CATEGORY B											
TOWER (27-000679)	444524.00N/0950324.00W	1.84	540	1261	250	1500	4	300		AC50	1620
CATEGORY C											
TOWER (27-000679)	444524.00N/0950324.00W	2.90	640	1261	18228	50	9D	300		AC50	1720
CATEGORY D											
AAO	445033.00N/0950203.00W	3.79	640	1326	215	8	4B	300			1720

CIRCLING REMARKS:

MSA

CENTER **RADIUS**
RWF VOR/DME 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	WINDMILL (27-020155)	440228.96N/0951635.09W	187	26.3	1976	250	50	4D	1000			3000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, PNM FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	OVL	24	OVL		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	RWF	24	RWF	14.06	Y	40

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KOVL 1076, KRWF 1024
RA = 39.7.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
RWF VOR/DME	PNM FSS	24	1



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CITY
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FACILITY
RWF

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW11 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-G	
RW29 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - CIRCLING ONLY APPROACH.

CLASS E AIRSPACE CONTINUOUS.

100 FT VEGETATION USED PER FPT.

APT RWYS HAVE NO SURVEY, SO 34:1 AND 20:1 PENETRATIONS ARE ASSUMED TO EXIST.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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OVL

PROCEDURE NAME
VOR-A

AMDT NO.
3

CITY
OLIVIA

STATE
MN

AIRPORT ELEVATION
1080

FACILITY
RWF

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.38
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.17
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	011.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	THLD	TO 1500FT POINT	5.05
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	011.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES 444642.90N/0950158.01W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 11 DISTANCE 0.29 NM
FAF COORDINATES 444143.59N/0950337.15W
FIX NAME COORDINATES IF/IAF RWF VOR/DME 442802.19N/0950741.63W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
IF/IAF REDWOOD FALLS VOR/DME: 442802.19N/0950741.63W

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ALLAN WILL (JAY BAGGETT)	AJV-A421	09/02/2025	AERONAUTICAL INFORMATION SPECIALIST

