

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> KMOX	<u>PROCEDURE NAME</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MORRIS	<u>STATE</u> MN		
<u>AIRPORT ELEVATION</u> 1136	<u>TDZE</u> 1132	<u>SUPERSEDED</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> MOX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> 09/08/2022	<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>
AXN VOR/DME		MOX VOR/DME					225.95	38.91	3100

MISSED APPROACH

MAP:

MOX VOR/DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 THEN LEFT TURN DIRECT MOX VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 324.40 OUTBOUND 3000 FT WITHIN 10 MILES OF MOX VOR/DME (IAF)

2.

3. FAC: 144.40 FAF: DIST FAF TO MAP: DIST FAF TO THLD:

4. MIN ALT:

8. MSA FROM: MOX VOR/DME 3400

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 04 AND 22.

CHART NOTE: VDP NA WHEN USING BENSON ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND INCREASE S-14 AND CIRCLING VISIBILITY CAT C 1/4 SM.

QUALITY
10
CHECKED

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 144.40 INBOUND.
FAS OBST: 1325 AAO 453801N/0960201W.
CHART VDP AT 1.69 DME
DISTANCE VDP TO THLD 1.48 NM.
FAC CROSSES RWY C/L EXTENDED 4004 FT FROM THLD.
CHART CIRCLING ICON.

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

ALTERNATE: NA ☒

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-14	1640	1	508	1640	1	508	1640	1 3/8	508		NA				
CIRCLING	1640	1	504	1640	1	504	1860	2	724		NA				

CHANGES - REASONS

1. RWY 14 TDZE INCREASED FROM 1131 TO 1132. - NEW AIRNAV DATA INCORPORATED.
2. REMOVED FEEDER FROM ATY VORTAC. - ATY VORTAC DECOMMISSIONING.
3. UPDATED AXN VOR/DME - MOX VOR/DME COURSE/DISTANCE FROM 225.98/38.89 TO 225.95/38.91. - UPDATED EVALUATION.
4. VOR MDA/HAT INCREASED FROM 1560/429 TO 1640/508; VISIBILITY CAT C INCREASED FROM 1 1/4 TO 1 3/8 SM. - NEW OBSTACLE EVALUATION.
5. CIRCLING MDA/HAA CAT A INCREASED FROM FROM 1560/424 TO 1640/504 AND CAT B INCREASED FROM 1600/464 TO 1640/504. - STRAIGHT-IN MDA/HAT INCREASED.
6. UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. INCREASE S-14 CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND INCREASE S-14 AND CIRCLING VISIBILITY CAT C 1/4 SM." - NEW OBSTACLE EVALUATION.
7. UPDATED CHART FAS OBST FROM "1249 TREE 453440N/0955739W" TO "1325 AAO 453801N/0960201W." - NEW FINAL OBSTACLE.
8. UPDATED CHART VDP AT FROM 1.42 DME TO 1.69 DME. - NEW EVALUATION USING GPA/TCH 3.00/40.0; S-14 MDA INCREASED.
9. UPDATED DISTANCE VDP TO THLD FROM 1.22 NM TO 1.48 NM. - NEW EVALUATION USING GPA/TCH 3.00/40.0; S-14 MDA INCREASED.
10. UPDATED FAC CROSSES RWY C/L FROM "EXTENDED 3006 FT FROM THLD" TO "EXTENDED 4004 FT FROM THLD." - NEW EVALUATION USING GPA/TCH 3.00/40.0; S-14 MDA INCREASED.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by
CASIMIR L TABAKA
Jun 14, 2022

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
CASIMIR L TABAKA
Apr 11, 2022

OFFICE

AJV-A432

DATE

03/23/2022

APPROVED BY

LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA
Apr 11, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
10
CHECKED