

**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 32	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> MORRIS	<u>STATE</u> MN	
<u>AIRPORT ELEVATION</u> 1136	<u>TDZE</u> 1130	<u>SUPERSEDED</u> VOR RWY 32	<u>ORIGINAL/AMENDMENT</u> 5C	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 5E
<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>	<u>EPOCH YEAR</u> 1985

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
AXN VOR/DME		MOX VOR/DME					225.95	38.91	3500

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 135.10 OUTBOUND 2800 FT WITHIN 10 MILES OF MOX VOR/DME (IAF)
- 2.
3. FAF: 315.10 FAF: DIST FAF TO MAP: DIST FAF TO THLD:
4. MIN ALT: JEXIR/MOX 2.30 DME 1700*
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.
*1760 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-32 VISIBILITY CAT C 1/8 SM AND CIRCLING VISIBILITY CAT C 1/4 SM; INCREASE JEXIR FIX MINIMUMS S-32 AND CIRCLING VISIBILITY CAT C 1/4 SM.



ADDITIONAL FLIGHT DATA:

JEXIR TO RW32: 3.00/40
 CHART VDP AT 1.67 DME;
 DISTANCE VDP TO THLD 1.07 MILES.
 HOLD SE, RT, 315.10 INBOUND.
 CHART FAS OBST: 1249 TREE 453351N/0955640W.
 FAC CROSSES RWY C/L EXTENDED 3739 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												
S-32	1700	1	570	1700	1	570	1700	1 5/8	570		NA					
CIRCLING	1700	1	564	1700	1	564	1860	2	724		NA					
JEXIR FIX MINIMUMS																
S-32	1500	1	370	1500	1	370	1500	1	370		NA					
CIRCLING	1560	1	424	1600	1	464	1860	2	724		NA					

CHANGES - REASONS

1. TDZE DECREASED FROM 1131 TO 1130. - 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. - NEW EVALUATION.
4. VOR MDA/HAT DECREASED FROM 1720/589 TO 1700/570; VISIBILITY CAT C DECREASED FROM 1 3/4 TO 1 5/8. - NEW OBSTACLE EVALUATION.
5. JEXIR FIX MINIMUMS: VOR HAT INCREASED FROM 369 TO 370. - TDZE DECREASED.
6. CIRCLING MDA/HAA CAT A/B DECREASED FROM 1720/584 TO 1700/564. - STRAIGHT-IN MDA/HAT DECREASED.
7. UPDATED PROFILE LINE 4: MIN ALT: FROM "JEXIR/MOX 2.17 DME 1720*" TO "JEXIR/MOX 2.30 DME 1700*" - STEPDOWN FIX MOVED TO MAINTAIN 3.00/40.0 VDA/TCH.
8. REMOVED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - VDA/TCH COINCIDENT WITH PUBLISHED VGSI ANGLE/TCH.
9. UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND S-32 CAT C VISIBILITY 1/8 SM INCREASE CIRCLING CAT C VISIBILITY 1/4 SM, JEXIR FIX MINIMUMS S-32 AND CIRCLING CAT C VISIBILITY 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND INCREASE S-32 VISIBILITY CAT C 1/8 SM AND CIRCLING VISIBILITY CAT C 1/4 SM;" INCREASE JEXIR FIX MINIMUMS S-32 AND CIRCLING VISIBILITY CAT C 1/4 SM." - NEW OBSTACLE EVALUATION.
10. UPDATED CHART FAS OBST FROM "1249 TREE 453407N/0955721W" TO "1249 TREE 453351N/0955640W." - NEW FINAL OBSTACLE.
11. UPDATED "JEXIR TO RW32: 3.04/48" TO "JEXIR TO RW32: 3.00/40." - IAW 8260.191 8-6-10 O.
12. UPDATED CHART VDP AT FROM 1.42 DME TO 1.67 DME. - NEW EVALUATION USING GPA/TCH 3.00/40.0; S-14 MDA INCREASED.
13. UPDATED DISTANCE VDP TO THLD FROM 1.50 NM TO 1.07 NM. - NEW EVALUATION USING GPA/TCH 3.00/40.0; S-32 MDA DECREASED.
14. UPDATED FAC CROSSES RWY C/L FROM "EXTENDED 3007 FT FROM THLD" TO "EXTENDED 3739 FT FROM THLD." - NEW EVALUATION USING GPA/TCH 3.00/40.0; S-32 MDA DECREASED.



AIRPORT ID
KMOX

PROCEDURE NAME
VOR RWY 32

ORIGINAL/AMENDMENT
6

CITY
MORRIS

STATE
MN

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

OFFICE

AJV-A432

DATE

03/30/2022

APPROVED BY

LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA
Apr 11, 2022

Apr 11, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

