

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

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> MANKATO RGNL	<u>AIRPORT ID</u> KMKT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> MANKATO	<u>STATE</u> MN	
<u>AIRPORT ELEVATION</u> 1021	<u>TDZE</u> 1018	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 12/17/2009	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>ALTITUDE</b></u>
1. 313/30 CW 133/30	NOPT	313/6 CW 133/6		3200
2. 313/6 CW 133/6		KABGE	IF/IAF	2700
3. 133/30 CW 223/30		APCHY	IAF	2800
4. 223/30 CW 313/30		DIJZE	IAF	2900

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
APCHY	IAF	KABGE	NOPT	TF	FB	1.00	133.14	5.00	2700
DIJZE	IAF	KABGE	NOPT	TF	FB	1.00	313.25	5.00	2700
KABGE	IF/IAF	OBMAH		TF	FB	1.00	043.20	6.20	2500
OBMAH	FAF	RW04	MAP	TF	FO	0.30	043.28	4.51	
RW04	MAP	1421 MSL		CA			043.28		
1421 MSL		KABGE		DF	FO	1.00			2700

**MISSED APPROACH**

**MAP:**

LNAV: RW04

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING LEFT TURN TO 2700 DIRECT KABGE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW KABGE, RT, 043.20 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 043.28

FAF: OBMAH

DIST FAF TO MAP: 4.51

DIST FAF TO THLD: 4.51

4. MIN ALT: KABGE 2700, OBMAH 2500

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.54 NM TO RW04  
CHART 1362 TOWER 441053N0940146W  
CHART FAS OBST: 1237 TOWER 441106N/0935826W  
OBMAH TO RW04: 3.04/39.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LNAV MDA	1540	1	522	1540	1	522	1540	1 1/2	522		NA				
CIRCLING	1540	1	519	1540	1	519	1540	1 1/2	519		NA				

CHANGES - REASONS

1. REMOVED CHART NOTE: DME/DME RNP - 0.3 NA - 8260.58A CH1, TABLE 1-2-1.
2. ADDED PBN REQUIREMENTS NOTE: RNP APCH - 8260.58A CHG 1, TABLE 1 -2-1.
3. RAISED TAA LEFT BASE MIN ALTITUDE FROM 2700 TO 2800 - DUE TO CONTROLLING OBS (27- 000924) TOWER INCREASED FROM 1698 MSL TO 1703 MSL - CANCELS T-NOTAM 8/8735.
4. REMOVED HELICOPTER VIS RESTRICTION - DUE TO VISUAL SEGMENT OBSTUCTIONS BEING REMOVED.
5. PUBLISHED VDP AT 1.54 NM - 20:1 IS NOW CLEAR.
6. FAS OBSTACLE DATA UPDATED FROM 1236 TOWER, 441107N0935824W TO 1237 TOWER, 441053N/0940146W DUE TO NEW ALTITUDE ,LATITUDE, AND LONGITUDE.
7. CHANGED "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR" ADDED "20:1 IS CLEAR" DUE TO OBSTACLES BEING REMOVED.
8. MOVED BACKUP ALTIMETER NOTES FROM THIS FORM AND MOVED TO 8260-9 AS CONTINGENY NOTES.- IAW 8260.19H 8-6-9F(4).
9. ADDED CHART "CHART 1362 TOWER 441053N/0940146W" TO ADDITIONAL FLIGHT DATA.- IAW 8260.19H. PARA 8-6-10E(2).
10. ADDED MAX 6000 TO HOLD-IN-LIEU TO LINE 2 IN PROFILE.- IAW 8260.19H PARA 8-6-7 B(2).
- 11." NA WHEN LOCAL WEATHER NOT AVAILABLE " REMOVED AND ADDED TO THE 8260-9. - IAW 8260.19H, PARA 8-6-9F(4).



**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

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

*Digitally signed by*

**DEVELOPED BY**

ROBERT G HAMILTON (ALEXANDER MILES)

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 20, 2019

**CASIMIR L TABAKA**

Mar 20, 2019

**OFFICE**

**OFFICE**

AJV-A422

**DATE**

**DATE**

12/20/2018

**APPROVED BY**

JULIE MORGAN

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 20, 2019

**OFFICE**

AJV-A42

**DATE**

**TITLE**

MANAGER

