

**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 ID</u> MCW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MASON CITY	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 1213	<u>TDZE</u> 1210	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 0E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 035/30 CW 170/30	NOPT	BEGGA	IF/IAF	3000
2. 170/30 CW 215/30	NOPT	170/25 CW 215/25		3400
3. 170/25 CW 215/25		BEGGA	IF/IAF	3000
4. 215/30 CW 035/30		215/25 CW 035/25		3800
5. 215/25 CW 035/25		BEGGA	IF/IAF	3000

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>
BEGGA	IF/IAF	ADGEW		TF	FB	1.00	124.79	5.69	2900
ADGEW	FAF	PIZPO/2.67 NM TO RW12		TF	FB	0.30	124.86	2.51	
PIZPO/2.67 NM TO RW12		RW12	MAP	TF	FO	0.30	124.86	2.67	
RW12	MAP	1613 MSL		CA			124.86		
1613 MSL		ZIGUV		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW12
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ZIGUV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW BEGGA, RT, 124.79 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	124.86	FAF:	ADGEW	DIST FAF TO MAP:	5.18	DIST FAF TO THLD:	5.18							
4.	MIN ALT:	BEGGA 3000, ADGEW 2900, PIZPO/2.67 NM TO RW12 2100													
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 NOT CLEAR	20:1:	IS CLEAR	TCH:								
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CCY ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C AND D 1/4 SM AND LP VISIBILITY CAT C AND D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
CHART NOTE: VDP NA WHEN USING CCY ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

ADGEW TO RW12: 3.00/40.
CHART VDP: 1.16 NM TO RW12.

HOLD SE, RT, 305.08 INBOUND.
FAS OBST: 1367 TREE 431106N/0932339W.
WAAS CHANNEL # 78446
REFERENCE PATH ID: W12A
CHART AT OR ABOVE 3000 AT BEGGA.
LTP HAE: 340.4 M

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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LP MDA	1620	1	410	1620	1	410	1620	1 1/8	410	1620	1 1/8	410			
LNAV MDA	1620	1	410	1620	1	410	1620	1 1/8	410	1620	1 1/8	410			
CIRCLING	1680	1	467	1760	1	547	1780	1 1/2	567	1780	2	567			

CHANGES - REASONS

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZMP, AMGR

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by

JOSEPH L ZEDER

Jul 22, 2024

OFFICE

FPO

DATE

07/18/2024

DEVELOPED BY

JOHN KEEFER

Digitally signed by

JOHN A KEEFER

May 28, 2024

OFFICE

AJV-A432

DATE

01/30/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

JOSEPH L ZEDER

Jul 22, 2024

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KMCW
RW12
0
0
W12A
430935.4260N
0932038.0980W
+03404
430844.3895N
0931858.3120W
00040.0
F
03.00
106.75
1072
40.0
00.0

CRC REMAINDER

DDFD98C7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+03687
+03687

