

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> KRRQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> ROCK RAPIDS	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1363	<u>TDZE</u> 1363	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
BRAIN		IKAKE		TF	FB	1.00	156.02	23.99	3700
COPYE		KEMIK		TF	FB	1.00	345.91	19.03	3700
IKAKE	IAF	IGTIW		TF	FB	1.00	076.60	5.00	3700
KEMIK	IAF	IGTIW		TF	FB	1.00	256.76	5.00	3700
IGTIW	IF	GISHE		TF	FB	1.00	346.68	4.62	3100
GISHE	FAF	RW34	MAP	TF	FO	0.30	346.67	5.38	
RW34	MAP	2200 MSL		CA			346.67		2200
2200 MSL		BRAIN		DF	FO	1.00			3700

MISSED APPROACH

MAP:

LP: RW34
 LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 3700 DIRECT BRAIN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT IGTIW

3. FAC:

346.67

FAF: GISHE

DIST FAF TO MAP: 5.38

DIST FAF TO THLD: 5.38

4. MIN ALT: IGTIW 3700, GISHE 3100

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 NOT CLEAR

TCH:

8. MSA FROM: RW34 4500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRAIN ON T348 WESTBOUND.
CHART NOTE: USE SIOUX FALLS, SD ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART KLYV IN PLANVIEW.
HOLD NE, RT, 225.00 INBOUND.
FAS OBST: 1640 AAO 432353N/0961054W, 1630 AAO 432301N/0961035W.
WAAS CHANNEL # 40044
REFERENCE PATH ID: W34A
CHART CIRCLING ICON.
GISHE TO RW34: 3.00/30.
LTP HAE: 387.3 M

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
LP MDA	1960	1	597	1960	1	597		NA			NA				
LNAV MDA	1960	1	597	1960	1	597		NA			NA				
CIRCLING	1960	1	597	2040	1	677		NA			NA				



CHANGES - REASONS

1. NOTES: UPDATED FROM "PROCEDURE NA FOR ARRIVALS AT BRAIN ON V170 WESTBOUND" TO "CHART NOTE: PROCEDURE NA FOR ARRIVALS AT BRAIN ON T348 WESTBOUND" - V170 CANCELLED.
2. CHANGED PBN REQUIREMENTS NOTE: FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19I.
3. INCORPORATED P-NOTAM AMDT 1A.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, FSD APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

ERIC N SUSKI

Nov 21, 2022

Digitally signed by

ERIC N SUSKI

Nov 21, 2022

TITLE

MANAGER

Digitally signed by

ERIC N SUSKI

Nov 21, 2022

DEVELOPED BY

ERIC N SUSKI (JUDITH TUTTLE)

OFFICE

AJV-A430

DATE

08/30/2022

APPROVED BY

JOHNNIE BAKER

OFFICE

AJV-A431

DATE



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRRQ
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	432655.7800N
LTP/FTP LONGITUDE	0961044.7700W
LTP/FTP ELLIPSOIDAL HEIGHT	+03873
FPAP LATITUDE	432823.9515N
FPAP LONGITUDE	0961102.5185W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1896
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	5DD78D4C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04136
FPAP ORTHOMETRIC HEIGHT	+04136

