

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> ROCHESTER INTL	<u>AIRPORT ID</u> KRST	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 3C	<u>CITY</u> ROCHESTER	<u>STATE</u> MN	
<u>AIRPORT ELEVATION</u> 1317	<u>TDZE</u> 1317	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 02/28/2019	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<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>
EMORE		OMAXE		TF	FB	1.00	256.99	13.40	3600
OMAXE	IAF	NIDLE	NOPT	TF	FB	1.00	295.47	7.10	3600
ZADLA	IAF	NIDLE	NOPT	TF	FB	1.00	115.25	8.50	3600
NIDLE	IF/IAF	LERPE		TF	FB	1.00	025.37	7.14	3000
LERPE	FAF	JORTU/1.80 NM TO RW02		TF	FB	0.30	025.42	3.35	
JORTU/1.80 NM TO RW02		RW02	MAP	TF	FO	0.30	025.42	1.80	
RW02	MAP	1567 MSL		CA			025.42		
1567 MSL		BOCAG		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT BOCAG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4800.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW NIDLE, RT, 025.37 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 025.42 FAF: LERPE DIST FAF TO MAP: 5.15 DIST FAF TO THLD: 5.15
4. MIN ALT: NIDLE 3600, LERPE 3000, JORTU/1.80 NM TO RW02 1920*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.64 GS ANT:
6. MIN GP INCPT: 3000 GP ALT AT FAF : LERPE 3000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 46.5
8. MSA FROM: RW02 3900

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28C OR ABOVE 54C.

ADDITIONAL FLIGHT DATA:

CHART NOTE: ASR.
CHART CIRCLING ICON.
CHART VDP AT 0.93 NM TO RW02*
*LNAV ONLY
WAAS CHANNEL #69621
REFERENCE PATH ID: W02A
CHART FAS OBST: 1409 TREE 435306N/0923100W.
1559 AAO 434924N/0923436W.
HOLD NE, RT, 205.57 INBOUND
LTP HAE: 370.7 M

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
LPV DA	1567	1	250	1567	1	250	1567	1	250	1567	1	250			
LNAV/VNAV DA	1592	1	275	1592	1	275	1592	1	275	1592	1	275			
LNAV MDA	1660	1	343	1660	1	343	1660	1	343	1660	1	343			
CIRCLING	1720	1	403	1780	1	463	1900	1 1/2	583	1900	2	583			

CHANGES - REASONS

1: CHART PLANVIEW: REMOVED NOTE " PROCEDURE NA FOR ARRIVALS AT EMORE ON V24 EASTBOUND." - LNR DECOMMISSION/ VOR MON.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** RST APP CON, RST ATCT, APT MGR, ZMP

FLIGHT CHECKED BY

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

OFFICE**DATE****DEVELOPED BY**

DONALD H. LANIER (MICAH HILLEY)

Digitally signed by

DONALD H LANIER

Oct 31, 2019

DONALD H LANIER

Oct 31, 2019

OFFICE

AJV-A431

DATE

08/14/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Oct 31, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRST
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	435341.7420N
LTP/FTP LONGITUDE	0923024.9370W
LTP/FTP ELLIPSOIDAL HEIGHT	+03707
FPAP LATITUDE	435501.5100N
FPAP LONGITUDE	0922930.0000W
THRESHOLD CROSSING HEIGHT (TCH)	00046.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B10897EC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04007
FPAP ORTHOMETRIC HEIGHT	+04007

