

**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> KRST	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 3D	<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SUPERSEDED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> 3C	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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	258.99	13.40	3600
OMAXE	IAF	NIDLE	NOPT	TF	FB	1.00	297.47	7.10	3600
ZADLA	IAF	NIDLE	NOPT	TF	FB	1.00	117.25	8.50	3600
NIDLE	IF/IAF	LERPE		TF	FB	1.00	027.37	7.14	3000
LERPE	FAF	JORTU/1.80 NM TO RW02		TF	FB	0.30	027.42	3.35	
JORTU/1.80 NM TO RW02		RW02	MAP	TF	FO	0.30	027.42	1.80	
RW02	MAP	1567 MSL		CA			027.42		
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, 027.37 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 027.42FAF: LERPEDIST FAF TO MAP: 5.15DIST 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: 0.64GS ANT:

6. MIN GP INCPT: 3000GP ALT AT PFAF : LERPE 3000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 46.5

8. MSA FROM: RW02 3900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 207.57 INBOUND.
CHART FAS OBST: 1409 TREE 435306N/0923100W.
1559 AAO 434924N/0923436W.
CHART VDP AT 0.93 NM TO RW02.
WAAS CHANNEL # 69621
REFERENCE PATH ID: W02A
CHART CIRCLING ICON.
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

- ALL HEADINGS CHANGED BY +2 - MAGVAR UPDATED FROM 1E TO 1W.
- PBN REQUIREMENTS NOTE CHAGED FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.3E.
- REMOVED "" FROM PROFILE LINE 4 FOLLOWING JORTU/1.80 NM TO RW02 1920 - NO LONGER REQUIRED.
- REMOVED "CHART ASR" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.

COORDINATED WITH:

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

FLIGHT CHECKED BY

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

DEVELOPED BY

CHARLES THIBODEAUX

Digitally signed by

CHARLES J THIBODEAUX

Apr 15, 2022

Digitally signed by

JASON KRETSCHMER

Aug 01, 2022

OFFICE

Digitally signed by

JASON KRETSCHMER

OFFICE

Aug 01, 2022

AJV-A421

DATE

01/18/2022

OFFICE

AJV-A420

DATE

TITLE

MANAGER

APPROVED BY

MARLON ROBINSON



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



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KRST	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>AMDT NO.</u> 3D	<u>CITY</u> ROCHESTER	<u>STATE</u> MN	<u>AIRPORT ELEVATION</u> 1317	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
EMORE

TO
OMAXE

<u>RNP</u>	<u>DISTANCE</u> 13.40	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.WINDMILL (27-002926)	433956.98N/0923016.82W		1787	500	50	5D	1000				AT813	3600
2.TERRAIN	434118.00N/0921809.00W		1398 (1400)								AS1500	2900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
OMAXE

TO
NIDLE

<u>RNP</u>	<u>DISTANCE</u> 7.10	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (27-001580)	433836.00N/0923139.00W		2549	500	50	5D	1000				AT813	3600
4.TERRAIN	434142.00N/0924009.00W		1460 (1500)								AS1500	3000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



<u>AIRPORT ID</u> KRST	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>AMDT NO.</u> 3D	<u>CITY</u> ROCHESTER	<u>STATE</u> MN	<u>AIRPORT ELEVATION</u> 1317	<u>FACILITY</u> RNAV					
INITIAL											
<u>FROM</u> ZADLA			<u>TO</u> NIDLE								
<u>RNP</u>	<u>DISTANCE</u> 8.50	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
5.WINDMILL (27-020249)	434207.64N/0924110.79W	1815	500	50	5D	1000				AT785	3600
6.TERRAIN	434212.00N/0924106.00W	1464 (1500)								AS1500	3000

<u>COMPUTATIONS</u>											
<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>

SEGMENT REMARKS:

INTERMEDIATE

FROM

NIDLE (IF/IAF)

TO

LERPE

RNP

DISTANCE

7.14

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.WINDMILL (27-020220)	434129.41N/0924004.36W	1807	500	50	5D	500				AT785	2400
8.TERRAIN	434348.00N/0924009.00W	1451 (1500)								AS1500	3000

<u>COMPUTATIONS</u>											
<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>

SEGMENT REMARKS:



FINAL: LPV

FROM
LERPE

TO
RW02

<u>RNP</u>	<u>DISTANCE</u> 5.15	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 250			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC			XP50	1567

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

XP50: TO RETAIN CURRENT PUBLISHED DA FOR NPI MARKINGS.

FINAL: LNAV/VNAV

FROM
LERPE

TO
RW02

<u>RNP</u>	<u>DISTANCE</u> 5.15	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 275			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
9.TREE	435306.43N/0923100.39W		1409	50	20	2C	161				AC20	1592

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV

FROM

LERPE

TO

JORTU/1.80 NM TO RW02

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	3.35											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
10.AAO	434955.96N/0923341.58W		1519	50	20	2C	250				DG151	1920

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

JORTU/1.80 NM TO RW02

TO

RW02

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	1.80		RW02	343								
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
9.TREE	435306.43N/0923100.39W		1409	50	20	2C	250					1660

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

NIDLE

TO

P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (27-001580)	433834.00N/0923136.00W		2499	500	50	5D	1000				AT101	3600
11.TERRAIN	434039.00N/0924100.00W		1477 (1500)								AS1500	3000

COMPUTATIONS													
	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM

DA

TO

BOCAG

RNP	DISTANCE	PAT	MAP	HAT			HMAS						
OBSTRUCTION		COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
									ASC				3400
12.TOWER (27-000201)		440228.00N/0922026.00W		2239	500	125	5E	1000				SA-270	3000
13.TERRAIN		440251.00N/0922209.00W		1346 (1300)								AS1500	2800

COMPUTATIONS													
	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
BOCAG

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1429					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3400
12.TOWER (27-000201)	440228.00N/0922026.00W		2239	500	125	5E	1000				SA-270	3000
13.TERRAIN	440251.00N/0922209.00W		1346 (1300)								AS1500	2800

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM
RW02

TO
BOCAG

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1560					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3400
12.TOWER (27-000201)	440228.00N/0922026.00W		2239	500	125	5E	1000				SA-270	3000
13.TERRAIN	440251.00N/0922209.00W		1346 (1300)								AS1500	2800

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



AIRPORT ID KRST	PROCEDURE NAME RNAV (GPS) RWY 2	AMDT NO. 3D	CITY ROCHESTER	STATE MN	AIRPORT ELEVATION 1317	FACILITY RNAV
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CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
14.TANK (27-026583)	435513.81N/0922844.33W	1.31	403	1419	20	3	1A	300			1720
CATEGORY B											
15.TANK (27-001544)	435211.00N/0922953.00W	1.85	463	1428	50	20	2C	300		HAA	1780
CATEGORY C											
16.TOWER (27-000694)	435050.87N/0922935.63W	2.91	583	1538	250	50	4D	300		AC50	1900
CATEGORY D											
16.TOWER (27-000694)	435050.87N/0922935.63W	3.81	583	1538	250	50	4D	300		AC50	1900

CIRCLING REMARKS:

MSA

<u>CENTER</u> RW02	<u>RADIUS</u> 25
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<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TWR (19-020063)	432832.00N/0924230.00W	200	26.6	2828	500	50	5D	1000			3900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED PER FPT.

100 FT TREE HEIGHT USED PER FPT.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZMP ARTCC, RST TOWER, RST APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KRST	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KRST	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:
BACKUP ALTIMETER NOT REQUIRED, AIRPORT HAS REDUNDANT ALTIMETER SOURCES.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW02 - MIRL (PCL), REIL, VASI-4L		NPI-G	
RW20 - MIRL (PCL), REIL, PAPI-4L		NPI-G	
RW13 - TDZ, MALSR (PCL), HIRL (PCL), C/LINE, PAPI-4L		PIR-G	APPROACH
RW31 - TDZ, MALSR (PCL), HIRL (PCL), C/LINE, PAPI-4L		PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1314.6	<u>TCH</u> 46.5	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 47.8
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -21C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -28C	<u>APT ISA</u> +12.39C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2006 - 2010).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 972 HIGH TEMP 1134.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1559 AAO 434923.53N/0923436.09W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KRST	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>AMDT NO.</u> 3D	<u>CITY</u> ROCHESTER	<u>STATE</u> MN	<u>AIRPORT ELEVATION</u> 1317	<u>FACILITY</u> RNAV
PART D: AIRSPACE						
DOCKET #						
ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE						
DISTANCE FROM	THLD	TO 1000FT POINT	2.95			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	026.42			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300			
DISTANCE FROM	THLD	TO 1500FT POINT	4.75			
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	026.42			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1300			
THRESHOLD COORDINATES (IF STR-IN)	435341.74N/0923024.94W					
ARP COORDINATES	435429.80N/0923000.10W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 13 DISTANCE 0.88 NM					
FAF COORDINATES	434905.24N/0923334.96W					
FIX NAME COORDINATES						
REMARKS						

QUALITY
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CHECKED

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