

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> GREATER ROCHESTER INTL	<u>AIRPORT ID</u> KROC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> ROCHESTER	<u>STATE</u> NY
<u>AIRPORT ELEVATION</u> 559	<u>TDZE</u> 556	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 12W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
GEE VOR/DME		WIGEG		TF	FB	2.00	331.75	11.63	3400
CLUNG	IAF	ZOFEB		TF	FB	1.00	060.07	5.46	2500
WIGEG	IAF	ZOFEB		TF	FB	1.00	009.50	8.00	2500
ZOFEB	IF	BIBAY		TF	FB	1.00	099.49	6.90	1700
BIBAY	FAF	RW10	MAP	TF	FO	0.30	099.60	3.43	
RW10	MAP	959 MSL		CA			099.60		
959 MSL		BILAW		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW10
 LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT BILAW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT ZOFEB
3. FAC: 099.60

FAF: BIBAY

DIST FAF TO MAP: 3.43

DIST FAF TO THLD: 3.43
4. MIN ALT: ZOFEB 2500, BIBAY 1700
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: RW10 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLUNG ON V2 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GEE VOR/DME AIRWAY RADIALS 263 CW 018.

ADDITIONAL FLIGHT DATA:

784 AAO 430748N/0774541W
709 TREE 430726N/0774446W
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
WAAS CHANNEL #70734
REFERENCE PATH ID: W10A
CHART FAS OBST: 704 TREE 430713N/0774349W, 704 TOWER 430745N/0774420W.
HOLD E, RT, 279.84 INBOUND
LTP HAE: 133.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1000-3

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	960	5500	404	960	5500	404	960	6000	404	960	6000	404			
LNAV MDA	960	5500	404	960	5500	404	960	6000	404	960	6000	404			
CIRCLING	1060	1	501	1060	1	501	1500	2 3/4	941	1500	3	941			



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
GREATER ROCHESTER INTL	KROC	RNAV (GPS) RWY 10	1B	ROCHESTER	NY

CHANGES - REASONS

- 1. CHANGES FROM P-NOTAM FOR AMDT 1A, FDC 5/2525, INCORPORATED INTO FORM - IAW 8260.19H PARA 8-3-4C(3).
- 2. VDA/TCH VALUES REMOVED FROM PROFILE VIEW - FLIGHT CHECK FINDING OF VISUAL SURFACE OBSTACLES.
- 3. ADDED ADDITIONAL FLIGHT DATA CHART NOTE: "VISUAL SEGMENT - OBSTACLES," - PER 8260.19H, PARA 8-6-10P.
- 4. REMOVED CHART NOTE: "DME/DME RNP-0.3 NA," - PER 8260.19H, PARA 4-6-10E.
- 5. ADDED PBN REQUIREMENTS NOTE: "RNP APCH," - PER 8260.19H, PARA .8-6-8(B)1.
- 6. LINE 7: POPULATED 20:1 BLOCK - PER 8260.19H, PARA 8-6-7.G3.
- 7. REPLACED LP FAS OBSTACLE 632 TREE (430726N/0774100W) WITH 704 TREE (430713N/0774349W) - EFFECT DOCUMENTED IN P-NOTAM 5/2525 WITH INCREASED MINIMUMS PUBLISHED IN RNAV (GPS) RWY 10, AMDT 1A.
- 8. FAS DATA: CHANGED THRESHOLD CROSSING HEIGHT (TCH) FROM 53.6 TO 0 AND GLIDEPATH ANGLE (GPA) FROM 3.00 TO 0 - VDA REMOVAL, PER FLIGHT CHECK.
- 9. MADE MINOR TEXTUAL CHANGES TO TWO CHART PLANVIEW NOTES FOR PROCEDURE NA ON V2 AND GEE VOR/DME AIRWAY RADIALS - TYPOGRAPHICAL STANDARDIZATION.
- 10. CHANGED CRC REMAINDER FROM 4B5F7860 TO 33A546B5 - FAS DATA CHANGED.



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<u>COORDINATED WITH:</u>					
A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ <u>OTHER:</u> ZOB, ROC APP CON, AMGR					
<u>FLIGHT CHECKED BY</u> THOMAS CONKLIN	<i>Digitally signed by</i> DAVID DANNER Oct 12, 2018		<u>OFFICE</u> FICO	<u>DATE</u> 10/10/18	
<u>DEVELOPED BY</u> DAVID A. DOWLING	<i>Digitally signed by</i> DAVID A DOWLING Aug 15, 2018		<u>OFFICE</u> AJV-5422	<u>DATE</u> 06/20/2018	
<u>APPROVED BY</u> JULIE MORGAN	<i>Digitally signed by</i> DAVID DANNER Oct 12, 2018		<u>OFFICE</u> AJV-5420	<u>DATE</u>	<u>TITLE</u> MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KROC
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	430722.1255N
LTP/FTP LONGITUDE	0774035.4065W
LTP/FTP ELLIPSOIDAL HEIGHT	+01335
FPAP LATITUDE	430725.7605N
FPAP LONGITUDE	0773833.8435W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0888
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER	33A546B5
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01691
FPAP ORTHOMETRIC HEIGHT	+01691

