

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> KROC	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 9	<u>CITY</u> ROCHESTER	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 559	<u>TDZE</u> 559	<u>SUPERSEDED</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 8B	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-MWD	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ROC VOR/DME		KECKE/ROC 13.25 DME/RADAR					042.74	13.25	3000
KECKE/ROC 13.25 DME/RADAR	IF/IAF	CALRU/ROC 6.35 DME/RADAR					223.65	6.90 (I-MWD)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.94 NM AFTER CALRU/ROC 6.35 DME/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 4000 DIRECT GEE VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 300 AND ON ROC VOR/DME R-268 TO MONCK INT/ROC 10.03 DME AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE KECKE, RT, 223.65 INBOUND, 2500 FT. IN LIEU OF PT (IF/IAF), MAX 5000.
- FAC: 223.65 FAF: CALRU/ROC 6.35 DME/RADAR DIST FAF TO MAP: 5.94 DIST FAF TO THLD: 5.94
- MIN ALT: KECKE/ROC 13.25 DME/RADAR 2500, CALRU/ROC 6.35 DME/RADAR 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1034
- MIN GS INCPT: 2500 GS ALT AT PFAF: CALRU/ROC 6.35 DME/RADAR 2500 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 50.3
- MSA FROM: ROC VOR/DME 066-246 3500, 246-066 2600



EQUIPMENT REQUIREMENTS NOTE:

DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: WHEN R-5203 ACTIVE HOLD IN LIEU NOT AUTHORIZED.

CHART NOTE: DME FROM ROC VOR/DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-MWD AND ROC DME.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROC VOR/DME ON T608 WESTBOUND AND ON V483 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART R-5203.

HOLD SE, LT, 333.46 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W MONCK INT/ROC 10.03 DME, RT, 087.51 INBOUND.

FAS OBST: 729 AAO 431101N/0773759W.

CHART VDP AT 1.53 DME.

DISTANCE VDP TO THLD 1.11 NM.

CHART IN PLANVIEW: MONCK INT/ROC 10.03 DME.

MINIMUMS:

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

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

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 22*	759	2400	200	759	2400	200	759	2400	200	759	2400	200			
S-LOC 22	980	2400	421	980	2400	421	980	4000	421	980	4000	421			
CIRCLING	1060	1	501	1060	1	501	1460	2 3/4	901	1460	3	901			

CHANGES - REASONS

1. TERMINAL ROUTES: FAF CHANGED FROM MAPES OM/ROC 6.03 DME/RADAR TO CALRU/ROC 6.35 DME - MAPES OM BEING DECOMM AND A NEW FAF.
2. TERMINAL ROUTES: LEG TYPE TF DELETED, NO LONGER NEEDED.
3. TERMINAL ROUTES: DISTANCE CHANGED FROM 7.22 TO 6.90 - NEW LOCATION OF FAF.
4. TERMINAL ROUTES: FIX KECKE CHANGED FROM KECKE/ROC 13.25 DME TO KECKE/ROC 13.25 DME/RADAR - FIX KECKE IS A DME AND RADAR FIX.
5. MAP: LOC: CHANGED FROM 5.62 NM AFTER MAPES OM/ROC 6.03 DME/RADAR TO 5.94 NM AFTER CALRU/ROC 6.35 DME - NEW LOCATION FOR FAF.
6. ALTERNATE MISSED APPROACH INSTRUCTIONS: DELETED , OR AS DIRECTED BY ATC AND DME REQUIRED - NO LONGER NEEDED AND FIX MONCK IS AN INTERSECTION.
7. PROFILE: LINE 3: FAF CHANGED FROM MAPES OM/ROC 6.03 TO CALRU/ROC 6.35 DME/RADAR - NEW LOCATION OF FAF.
8. PROFILE: LINE 3: DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 5.62 TO 5.94 - NEW LOCATION OF FAF.
9. PROFILE: LINE 4: CHANGED KECKE/ROC 13.25 DME 2500 TO KECKE/ROC 13.25 DME/RADAR 3000; CHANGED MAPES OM/ROC 6.03 DME/RADAR TO CALRU/ROC 6.35 DME/RADAR 2500 - NEW LOCATION OF FAF.
10. PROFILE: LINE 5: GS ANT CHANGED FROM 1035 TO 1034 - TO MATCH AIRNAV DATA.
11. PROFILE: LINE 6: GS ALT AT PFAF CHANGED FROM GP INTCP 2500 TO CALRU/ROC 6.35 DME/RADAR 2500 - MAPES OM DECOMM AND NEW FAF.
12. PROFILE: LINE 6: DELETED OM ALTITUDE - MAPES OM DECOMM.
13. PROFILE: LINE 8: MSA CHANGED FROM ROC VOR/DME 090-270 3500, 270-090 2500 TO ROC VOR/DME 066-246 3500, 246-066 2600 - NEW CONTROLLING OBSTACLE.
14. NOTES: ADDED CHART NOTE: DME FROM ROC VOR/DME - DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-MWD AND ROC DME
15. ADDITIONAL FLIGHT DATA: ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROC VOR/DME ON T608 WESTBOUND AND V483 SOUTHWEST BOUND - DOES NOT MEET ALIGNMENT CRITERIA IN 8260.3.
16. ADDITIONAL FLIGHT DATA: ADDED THE FOLLOWING NOTES: CHART VDP AT 1.53 DME, DISTANCE VDP TO THLD 1.11 NM - VDP IS NOW PUBLISHABLE.
17. ADDITIONAL FLIGHT DATA: MOVED PLANVIEW EQUIPMENT NOTE: DME OR RADAR REQUIRED TO EQUIPMENT REQUIREMENT NOTE SECTION - PER 8260.19.
18. ADDITIONAL FLIGHT DATA: DELETED NOTE CHART CIRCLING ICON - NO LONGER NEEDED PER MEMO 279 REVISED CIRCLING MANEUVERING AREA CRITERIA IMPLEMENTATION PLAN.
19. MINIMUMS: ALTERNATE MINIMUMS CHANGED FROM ILS: STANDARD - CAT C 1000-2 3/4, CAT D 1000-3; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1000-3 TO ILS: STANDARD; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1000-3 - NEW PRIMARY MINIMUMS.
20. MINIMUMS: S-LOC 22 MDA CHANGED FROM 1000 TO 980 - NEW LOCATION FOR FAF AND DISTANCE FROM FAF TO MAP CHANGED.
21. MINIMUMS: CIRCLING CAT C/D CMDA/HAA CHANGED FROM 1500/941 TO 1460/901 - NEW CONTROLLING OBSTACLES.
22. COORDINATED WITH: CHECKED A4A, DELETED ATA IN OTHER SECTION - ATA BECAME A4A.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, ROC APP CON, ROC ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

JASON KRETSCHMER

Feb 10, 2023

OFFICE

FPO

DATE

02/08/2023

DEVELOPED BY

STEVEN DOUGHERTY

Digitally signed by

JASON KRETSCHMER

Dec 27, 2022

OFFICE

AJV-A421

DATE

10/28/2022

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Dec 27, 2022

OFFICE

AJV-A421

DATE**TITLE**
MANAGER