

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
COPTER ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.35

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
RST	COPTER ILS Y OR LOC Y RWY 31	4	ROCHESTER	MN		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1317	1304	COPTER ILS Y OR LOC Y RWY 31	3B	09/08/2022	1W	2025
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-RST		11 JULY 2024	ROUTINE			

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RST VOR/DME		MINGO INT	FAF/IAF				057.66	9.16	2900
EMORE INT	IAF	TECUY INT	NOPT				313.14	6.59 (I-RST)	2900
TECUY INT	IF	MINGO INT	PFAF				313.14	6.55 (I-RST)	2800

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.52 NM AFTER MINGO INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT RST VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | | | | |
|----|--|----------------|-----------------|----------------|------------------|---------|-------------------|------|
| 1. | PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) | | |
| 2. | HOLD SE MINGO INT, RT, 313.14 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 5000. | | | | | | | |
| 3. | FAC: | 313.14 | FAF: | MINGO INT | DIST FAF TO MAP: | 4.52 | DIST FAF TO THLD: | 4.52 |
| 4. | MIN ALT: MINGO INT 2800, MAGLT INT 2380 | | | | | | | |
| 5. | DIST TO THLD FROM OM: | | MM: | IM: | 150 HAS: | GS ANT: | 1129 | |
| 6. | MIN GS INCPT: | 2800 | GS ALT AT PFAF: | MINGO INT 2800 | | OM: | MM: | IM: |
| 7. | GS ANGLE: | 3.00 | 34:1: | 20:1: | TCH: | 55.3 | | |
| 8. | MSA FROM: RST VOR/DME 090-270 3900, 270-090 3300 | | | | | | | |



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY AT EMORE.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RST VOR/DME ON V82-170 WESTBOUND.
CHART NOTE: FOR INOPERATIVE ALS INCREASE VISIBILITY TO RVR 5000.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 025.14 INBOUND.
CHART FAS OBST: 1365 TREE (27-055942) 435356N/0922904W.
1519 AAO 435112N/0922318W, 1483 AAO 435218N/0922518W.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

CATEGORY:	COPTER														
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
H-ILS 31	1504	1200	200		NA			NA			NA				
H-LOC 31	1620	1200	316		NA			NA			NA				

CHANGES - REASONS

- TERMINAL ROUTES: RST VOR/DME TO MINGO INT FEEDER SEGMENT COURSE CHANGED FROM 057.64 TO 057.66. - DUE TO PFAF MOVING TO MATCH DESIGN TCH PER FPT CHECKLIST.
- TERMINAL ROUTES: "EMORE (IF) TO MINGO (PFAF) INTERMEDIATE" SEGMENT CHANGED TO "EMORE (IAF) TO TECUY (IF) INITIAL SEGMENT, AND TECUY (IF) TO MINGO (PFAF) INTERMEDIATE SEGMENT". - TO MATCH ILS Z OR LOC Z RWY 31 AMDT 24
- PROFILE LINE 4: ADDED MIN ALT AT MAGLT INT 2380.- NEW SDF, ADDED PER FPT CHECKLIST.
- PROFILE LINE 7: CHANGED TCH FROM 56.1 TO 55.3 – TO MATCH DESIGN TCH, PER FPT.
- ADDITIONAL FLIGHT DATA: ADDED 1483 7:1 AAO. – NEW 7:1 AT SDF.
- ADDITIONAL FLIGHT DATA: CHANGE 7:1 AAO FROM "1510 AAO 435113N/0922325W" TO "1519 AAO 435112N/0922318W". - UPDATED USING 3DEP
- ALTERNATE MINIMUMS: REMOVED NA WHEN CONTROL TOWER CLOSED - PROCEDURE HAS NO BACKUP ALTIMETER, IAW .19I ATTACHMENT 4 _CRITERIA .5.B.

COORDINATED WITH:

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

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

DAVID DANNER

May 10, 2024

OFFICE

FPO

DATE

05/08/2024

DEVELOPED BY

JOHN BORDY (LEO PALMER)

Digitally signed by

DAVID DANNER

May 10, 2024

OFFICE

AJV-A33

DATE

02/26/2024

APPROVED BY

JOHN BORDY

Digitally signed by

DAVID DANNER

May 10, 2024

OFFICE

AJV-A33

DATE

TITLE
MANAGER

