

**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</u> ROCHESTER INTL	<u>AIRPORT ID</u> KRST	<u>PROCEDURE NAME</u> COPTER ILS Y OR LOC Y RWY 31	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> ROCHESTER	<u>STATE</u> MN
<u>AIRPORT ELEVATION</u> 1317	<u>TDZE</u> 1304	<u>SUPERSEDED</u> COPTER ILS Y OR LOC Y RWY 31	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 1E
<u>FACILITY</u> I-RST	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<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
RST VOR/DME		MINGO INT					057.64	9.16	2900
EMORE INT	IF/IAF	MINGO INT	NOPT				311.14	13.14 (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, RT, 311.14 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 5000.
3. FAC: 311.14      PFAF: MINGO INT                      DIST PFAF TO MAP:                      DIST PFAF TO THLD: 4.52
4. MIN ALT:      MINGO INT 2800
5. DIST TO THLD FROM OM:                      MM:                      IM:                      150 HAT:                      GS ANT: 1129
6. MIN GS INCPT: 2800                      GS ALT AT PFAF : MINGO INT 2800                      OM:                      MM:                      IM:
7. GP ANGLE: 3.00                      34:1:                      20:1:                      TCH: 56.1
8. MSA FROM: RST VOR/DME 090-270 3900, 270-090 3300

**EQUIPMENT REQUIREMENTS NOTES:**



**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RST VOR/DME ON V82-170 WESTBOUND.  
CHART NOTE: FOR INOPERATIVE ALS INCREASE VISIBILITY TO 1 MILE.

**ADDITIONAL FLIGHT DATA:**

CHART: ASR.  
CHART FAS OBST: 1365 TREE 435356N/0922904W.  
1510 AAO 435113N/0922325W.  
HOLD SW, RT, 025.14 INBOUND

**MINIMUMS:**

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

**ALTERNATE:** NA  ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN CONTROL TOWER CLOSED.

CATEGORY:	COPTER												
	FINAL TYPE	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**

1. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS AND ASSOCIATED INFO IN ADDITIONAL FLIGHT DATA - UKN BEING DECOMMISSIONED, ATC DOES NOT DESIRE A NEW ALTERNATE MISSED APPROACH.
2. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT RST VOR/DME ON V82-170 WESTBOUND AND" TO "PROCEDURE NA FOR ARRIVALS AT RST VOR/DME ON V82-170 WESTBOUND" - REMOVING ERRANT AND.

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER:

**FLIGHT CHECKED BY**

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

**OFFICE**

**DATE**

**DEVELOPED BY**

JOHN BORDY (ANTHONY CAPPABIANCO) *Digitally signed by* **JOHN BORDY**  
Mar 05, 2020

**JOHN BORDY**

Mar 05, 2020

**OFFICE**

AJV-A422

**DATE**

11/29/2019

**APPROVED BY**

MARLON ROBINSON *Digitally signed by* **JOHN BORDY**  
Mar 05, 2020

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER

