

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> KMRH | <u>PROCEDURE NAME</u> ILS Y OR LOC Y RWY 22L | <u>ORIGINAL/AMENDMENT</u> ORIG | <u>CITY</u> SACRAMENTO | <u>STATE</u> CA | | |
| <u>AIRPORT ELEVATION</u> 98 | <u>TDZE</u> 98 | <u>SUPERSEDED</u> | <u>ORIGINAL/AMENDMENT</u> NONE | <u>DATED</u> | <u>MAG VAR</u> 13E | <u>EPOCH YEAR</u> 2020 |
| <u>FACILITY</u> I-MHR | <u>COORDINATES OF FACILITIES</u> 383232.02N/1211904.18W | <u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023 | <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> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|------------------|-----------------|
| BAB TACAN | | MOHOK/BAB 25.50 DME | | | | | 133.05 | 25.50 | 3000 |
| MOHOK/BAB 25.50 DME | IAF | NANEY/I-MHR 13.36 DME | | | | | 133.05 | 6.67 (BAB R-133) | 2700 |
| NANEY/I-MHR 13.36 DME | IF | ERNIF/I-MHR 8.61 DME | | | | | 220.72 | 4.75 (I-MHR) | 2100 |
| ERNIF/I-MHR 8.61 DME | | GADBE/I-MHR 7.28 DME | | | | | 220.72 | 1.33 (I-MHR) | 1800 |

MISSED APPROACH

MAP:

ILS: DA
LOC: I-MHR 2.11 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 3500 ON HEADING 090 AND SAC VORTAC R-058 TO COSKA INT/SAC 24.22 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 3500 ON HEADING 090 AND LIN VOR/DME R-338 TO COSKA/LIN 28.43 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500 (DME REQUIRED).

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT NANEY
3. FAF: 220.72 FAF: GADBE/I-MHR 7.28 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.17
4. MIN ALT: NANEY/I-MHR 13.36 DME 2700, ERNIF/I-MHR 8.61 DME 2100, GADBE/I-MHR 7.28 DME 1800, JEKAX/I-MHR 4.21 DME 800
5. DIST TO THLD FROM FAF: 5.17 MM: IM: 150 HAT: GS ANT: 1127
6. MIN GS INCPT: 1800 GS ALT AT PFAF: GADBE/I-MHR 7.28 DME 1800 OM: MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 56.0
8. MSA FROM: SAC VORTAC 220-310 4100, 310-220 3100



EQUIPMENT REQUIREMENTS NOTES:

TACAN REQUIRED FOR PROCEDURE ENTRY AT BAB TACAN.
FOR NON-TACAN EQUIPPED AIRCRAFT, DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 4R-22L.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING SACRAMENTO EXEC ALTIMETER SETTING).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS CAT E VISIBILITY TO RVR 4000 AND S-LOC CAT C/D/E VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: COSKA INT/SAC 24.2 DME.
CHART IN PLANVIEW: COSKA/LIN 28.43 DME.
CHART IN PLANVIEW: BAB 32.17 DME AT NANEY.
CHART IN PLANVIEW: SAC 25.79 DME AT NANEY.
HOLD SW, RT, 058.01 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S COSKA/LIN 28.43 DME, RT, 338.18 INBOUND.
CHART FAS OBST: 235 TOWER (06-025571) 383442N/1211531W.
452 AAO 383630N/1211030W.
CHART VDP AT 3.21 DME
DISTANCE VDP TO THLD 1.10 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2., NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

| 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 |
| S-ILS 22L | 298 | 2400 | 200 | 298 | 2400 | 200 | 298 | 2400 | 200 | 298 | 2400 | 200 | 298 | 2400 | 200 |
| S-LOC 22L | 500 | 2400 | 402 | 500 | 2400 | 402 | 500 | 4000 | 402 | 500 | 4000 | 402 | 500 | 4000 | 402 |
| CIRCLING | 560 | 1 | 462 | 560 | 1 | 462 | 600 | 1 1/2 | 502 | 800 | 2 1/4 | 702 | 800 | 2 1/2 | 702 |

CHANGES - REASONS

ORIGINAL PROCEDURE.



AIRPORT ID
KMHR

PROCEDURE NAME
ILS OR LOC Y RWY 22L

ORIGINAL/AMENDMENT
ORIG

CITY
SACRAMENTO

STATE
CA

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZOA, NORCAL APP CON, ST. AERO DIR, ARPT MGR

FLIGHT CHECKED BY

GARY J VEER

Digitally signed by

ERIC N SUSKI

Feb 06, 2023

Digitally signed by

PARNELL R PRASSADA

Sep 10, 2022

Digitally signed by

ERIC N SUSKI

Oct 28, 2022

OFFICE

FPO

DATE

01/20/2023

OFFICE

AJV-A431

DATE

OFFICE

AJV-A430

DATE

TITLE
MANAGER

DEVELOPED BY

PARNELL PRASSADA

APPROVED BY

JOHNNIE BAKER

QUALITY
20
CHECKED