

**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> KSMF	<u>PROCEDURE NAME</u> ILS OR LOC RWY 17L ILS RWY 17L (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 4D	<u>CITY</u> SACRAMENTO	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 27	<u>TDZE</u> 27	<u>SUPERSEDED</u> ILS OR LOC RWY 17L ILS RWY 17L (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 4C	<u>DATED</u> 07/16/2020	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-MDK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 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
VRONA INT/I-MDK 18.09 DME	IAF	DIRBE/I-MDK 9.32 DME/RADAR					167.76	8.77 (I-MDK)	1900
TENCO	IAF	DIRBE		TF	FB	1.00	236.77	9.52	1900
DIRBE/I-MDK 9.32 DME/RADAR	IF	LEVEY/I-MDK 7.30 DME/RADAR					167.76	2.02 (I-MDK)	1900

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.71 NM AFTER LEVEY/I-MDK 7.30 DME/RADAR OR AT I-MDK 1.59 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT SAC VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3000 THEN RIGHT TURN ON HEADING 350 AND ILA VORTAC R-116 TO ILA VORTAC AND HOLD.

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT DIRBE
3. FAC: 167.76 FAF: LEVEY/I-MDK 7.30 DME/RADAR DIST FAF TO MAP: 5.71 DIST FAF TO THLD: 5.71
4. MIN ALT: DIRBE/I-MDK 9.32 DME/RADAR 1900, LEVEY/I-MDK 7.30 DME/RADAR 1900, JOBUD/I-MDK 2.99 DME 500
5. DIST TO THLD FROM OM: MM: IM: 100 HAT: 861 150 HAT: GS ANT: 1059
6. MIN GS INCPT: 1900 GS ALT AT PFAF: LEVEY/I-MDK 7.30 DME/RADAR 1900 OM: MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 55.0
8. MSA FROM: SAC VORTAC 110-200 3100, 200-290 4100, 290-110 2700



PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM TENCO.

EQUIPMENT REQUIREMENTS NOTE:

AIRCRAFT NOT GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 17L: CAT A, B, C, D, RA 108, RVR 1200, HAT 100, DA 127 MSL.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
SA CAT II CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CAT I CHART NOTE: CIRCLING NA W OF RWY 17L-35R.
CAT I CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17L CAT C/D VISIBILITY TO 1 3/8 SM AND JOBUD FIX MINIMUMS S-LOC 17L CAT C/D VISIBILITY TO RVR 4500.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART 92 TREE 384411N/1213437W.
HOLD S, RT, 016.01 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E ILA VORTAC, RT, 279.00 INBOUND.
CHART FAS OBST: 84 POLE (06-028095) 384252N/1213436W.
CHART VDP AT 2.37 DME.
DISTANCE VDP TO THLD 0.78 NM.
CHART IN PLANVIEW: ILA VORTAC.
CHART MANDATORY 4000 AT TENCO.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD; LOC: STANDARD - CAT D 900-2 3/4

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 17L	227	1800	200	227	1800	200	227	1800	200	227	1800	200			
S-LOC 17L	500	2400	473	500	2400	473	500	5000	473	500	5000	473			
CIRCLING	500	1	473	500	1	473	500	1 1/2	473	840	2 3/4	813			
JOBUD FIX MINIMUMS (DME REQUIRED)															
S-LOC 17L	340	2400	313	340	2400	313	340	2400	313	340	2400	313			
CIRCLING	400	1	373	480	1	453	480	1 1/2	453	840	2 3/4	813			



CHANGES - REASONS

1. ALL CHANGES FROM P-NOTAM AMDT 4C INCORPORATED INTO THE FORM - IAW 8260.19I PARA 8-3-4C(3).
2. PROFILE LINE 4: REMOVED “*” FROM JOBUD/I-MDK 2.99 DME 500 - NO LONGER REQUIRED PER CURRENT CRITERIA.
3. EQUIPMENT REQUIREMENT NOTES: CHANGE FROM TENCO: RNAV 1-GPS REQUIRED TO PBN REQUIREMENTS NOTE: RNP APCH-GPS. FROM TENCO - UPDATED FORMATTING PER CURRENT CRITERIA.
4. EQUIPMENT REQUIREMENT NOTES: CHANGED NOTE RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY TO AIRCRAFT NOT GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY - PER 8260.19I 8-6-8C MEMO.
5. ADDITIONAL FLIGHT DATA: REMOVED *LOC ONLY AND “*” FROM CHART VDP AT 2.37 DME* - NO LONGER REQUIRED PER CURRENT CRITERIA.
6. NOTES: UPDATED SA CAT I CHART NOTE: REDUCED LIGHTING REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE AUTOLAND OR HUD TO TOUCHDOWN TO SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL - UPDATED FORMATTING PER CURRENT CRITERIA.
7. NOTES: UPDATED CAT I CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17L CAT C/D VISIBILITY TO 1 3/8 SM AND S-LOC 17L JOBUD FIX MINIMUMS CAT C/D VISIBILITY TO RVR 4500 TO CAT I CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17L CAT C/D VISIBILITY TO 1 3/8 SM AND JOBUD FIX MINIMUMS S-LOC 17L CAT C/D VISIBILITY TO RVR 4500 - UPDATED FORMATTING TO CURRENT CRITERIA.
8. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 4000 AT TENCO - TO COINCIDE WITH THE SLMMR STAR.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOA, NORCAL APP CON, SMF ATCT, WESTERN FPT, AMGR

FLIGHT CHECKED BY

TERRY HESTER

Digitally signed by

DAVID TEFFETELLER

Dec 27, 2022

OFFICE

FPO

DATE

12/21/2022

DEVELOPED BY

TARA MARTINELLI

Digitally signed by

TARA N MARTINELLI

Nov 14, 2022

OFFICE

AJV-A431

DATE

11/14/2022

APPROVED BY

ERIC N SUSKI

Digitally signed by

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Nov 21, 2022

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DATE

TITLE
MANAGER

