

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

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> RNAV (GPS) Y RWY 17R	<u>ORIGINAL/AMENDMENT</u> 2D	<u>CITY</u> SACRAMENTO	<u>STATE</u> CA	
<u>AIRPORT ELEVATION</u> 27	<u>TDZE</u> 25	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 17R	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TENCO	IAF	FAPIN		TF	FB	1.00	237.08	10.55	1800
TUDOR	IAF	FAPIN		TF	FB	1.00	167.74	9.33	1800
FAPIN	IF	JARNU		TF	FB	1.00	167.75	2.01	1800
JARNU	FAF	AMUNE/3.20 NM TO RW17R		TF	FB	0.30	167.75	2.20	
AMUNE/3.20 NM TO RW17R		RW17R	MAP	TF	FO	0.30	167.75	3.20	
RW17R	MAP	500 MSL		CA			167.75		500
500 MSL		GRIME		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT GRIME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT FAPIN

3. FAC: 167.75 FAF: JARNU DIST FAF TO MAP: 5.40 DIST FAF TO THLD: 5.40

4. MIN ALT: FAPIN 1800, JARNU 1800, AMUNE/3.20 NM TO RW17R 1100

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.45 GS ANT:

6. MIN GP INCPT: 1800 GP ALT AT PFAF: JARNU 1800 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 56.7

8. MSA FROM: RW17R 4300

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 17R-35L.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C.

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

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV ALL CATS VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON

HOLD SE, RT, 333.00 INBOUND.

CHART FAS OBST: 134 TREE 384321N/1213615W.

CHART VDP AT 0.95 NM TO RW17R.

WAAS CHANNEL # 65728

REFERENCE PATH ID: W17A

CHART MANDATORY 4000 AT TENCO.

LTP HAE: -23 M



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

ALTERNATE: NA STANDARD

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
LPV DA	225	1800	200	225	1800	200	225	1800	200	225	1800	200				
LNAV/VNAV DA	323	2400	298	323	2400	298	323	2400	298	323	2400	298				
LNAV MDA	400	2400	375	400	2400	375	400	3500	375	400	3500	375				
CIRCLING	440	1	413	480	1	453	480	1 1/2	453	580	2	553				

CHANGES - REASONS

1. PROFILE LINE 4: REMOVED "*" FROM AMUNE/3.20 NM TO RW17R 1100 - NO LONGER REQUIRED PER CURRENT CRITERIA.
2. PBN REQUIREMENT NOTE: CHANGED RNP APCH TO RNP APCH - GPS - PER CURRENT CIRTERIA.
3. ADDITIONAL FLIGHT DATA: REMOVED "*" FROM CHART VDP AT 0.95 NM TO RW17R AND *LNAV ONLY - NO LONGER REQUIRED PER CURRENT CRITERIA.
4. 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 04, 2022

OFFICE

AJV-A431

DATE

11/04/2022

APPROVED BY

ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Nov 21, 2022

OFFICE

AJV-A431

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSMF
RUNWAY	RW17R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	384226.4235N
LTP/FTP LONGITUDE	1213603.8960W
LTP/FTP ELLIPSOIDAL HEIGHT	-00230
FPAP LATITUDE	384057.2430N
FPAP LONGITUDE	1213605.3840W
THRESHOLD CROSSING HEIGHT (TCH)	00056.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	19DCDD03

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00076
FPAP ORTHOMETRIC HEIGHT	+00076

