

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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 (RNP) Z RWY 35R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> SACRAMENTO	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 27	<u>TDZE</u> 24	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 35R	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 24 MARCH 2022	<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>
ISYOH	IAF	FIPIN		TF	FB	1.00	027.48	11.14	3000
MYNRR	IAF	FIPIN		TF	FB	1.00	302.14	24.79	3000
FIPIN	IF	JUNBO	PFAF	TF	FB	1.00	347.75	7.35	1100
PIECH	IAF	BANZA		TF	FB	1.00	173.15	33.84	4000
BANZA	IF	ZITUL		TF	FB	1.00	167.93	2.99	3200
ZITUL		PUGYI		RF	FB	1.00	(2.20 NM RADIUS CCW (CFBFX))	3.46	2200
PUGYI		LERIY		TF	FB	1.00	077.82	0.97	2000
LERIY		JUNBO	PFAF	RF	FB	1.00	(2.22 NM RADIUS CCW (CFBFZ))	3.49	1100
JUNBO	PFAF	RW35R	MAP	TF	FO	0.30	347.75	3.18	
RW35R	MAP	ZUNEG		TF	FB	1.00	347.76	8.00	
ZUNEG		GRIME		TF	FO	1.00	315.33	13.86	2000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 ON TRACK 347.76 TO ZUNEG AND ON TRACK 315.33 TO GRIME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

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

2. PROFILE STARTS AT JUNBO

3. FAC: 347.75 PFAF: JUNBO DIST PFAF TO MAP: DIST PFAF TO THLD:

4. MIN ALT: JUNBO 1100

5. DIST TO THLD FROM PFAF: 3.18 MM: IM: 150 HAT: 292 HAT: 0.72 GS ANT:

6. MIN GP INCPT: 1100 GP ALT AT PFAF : JUNBO 1100 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 64.0

8. MSA FROM: RW35R 4300

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -2°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART SPEED ICON IN PLANVIEW AT FIPIN: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT BANZA: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART AT OR ABOVE 6000 AT ISYOH.
CHART MANDATORY 4000 AT BANZA.
CHART MANDATORY 9000 AT MYNRR.
CHART AT OR ABOVE 4000 AT PIECH.
CHART MANDATORY 3000 AT FIPIN.
HOLD SE, RT, 333.00 INBOUND.



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
AUTHORIZATION REQUIRED															
RNP 0.10 DA	316	4500	292	316	4500	292	316	4500	292	316	4500	292			
RNP 0.30 DA	384	5500	360	384	5500	360	384	5500	360	384	5500	360			

CHANGES - REASONS

1. ADDED AN INITIAL SEGMENT FROM MYNRR TO FIPIN - PER FPT/ATC REQUEST.
2. LOWERED ALTITUDE BETWEEN ISYOH AND FIPIN FROM 3400 TO 3000 - FPT/ATC REQUESTED.
3. UPDATED CHART NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -4°C OR ABOVE 54°C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -2°C OR ABOVE 54°C - PER 8260.58B AJV VALIDATED CALCULATOR.
4. UPDATED PBN REQUIREMENTS NOTE FROM RNP AR APCH TO RNP AR APCH - GPS - PER .58 CRITERIA.
5. UPDATED COURSE AND DISTANCE BETWEEN BANZA AND ZITUL FROM 167.74/3.00 TO 167.93/2.99 - ATC FPT REQUIRED CHANGES.
6. UPDATED COURSE AND DISTANCE BETWEEN ZITUL AND PUGYI FROM (2.19 NM RADIUS CCW (CFBFX))/3.44 TO (2.20 NM RADIUS CCW (CFBFX))/3.46 - ATC FPT REQUIRED CHANGES.
7. UPDATED COURSE AND DISTANCE BETWEEN PUGYI AND LERIY FROM 077.74/0.98 TO 077.82/0.97 - ATC FPT REQUIRED CHANGES.
8. UPDATED COURSE AND DISTANCE BETWEEN LERIY AND JUNBO FROM (2.21 NM RADIUS CCW (CFBFZ))/3.47 TO (2.22 NM RADIUS CCW (CFBFZ))/3.49 - ATC FPT REQUIRED CHANGES.
9. UPDATED RNP 0.10 AND RNP 0.30 LINES OF MINIMA VISIBILITY ALL CATS FROM: RNP 0.10 7/8 SM TO RVR 4500 AND RNP 0.30 1 1/8 SM TO RVR 5500 - NEW AND OR UPDATED DATA BASE.
10. UPDATED DISTANCE FROM A 295 HAT: 0.73 TO 292 HAT: 0.72 - HAT VALUE CHANGED DUE TO UPDATED MINIMA VALUES.
11. REMOVED CHART PLANVIEW NOTE ADJACENT TO PIECH IAF: RF REQUIRED - NO LONGER REQUIRED PER 8260.19I.
12. ADDED CHART SPEED ICON IN PLANVIEW AT FIPIN: MAX 210 KIAS - PER .19I.
13. ADDED CHART MANDATORY 9000 AT MYNRR, CHART AT OR ABOVE 4000 AT PIECH.AND CHART MANDATORY 3000 AT FIPIN - PER ATC/FPT REQUEST.
14. UPDATED RNP 0.10 AND 0.30 LINES OF MINIMA DA/HAT ALL CATS FROM: RNP 0.10 DA 319/HAT 295 TO DA 316/HAT 292; RNP 0.30 DA 385/HAT 361 TO DA 384/HAT 360 - NEW AND OR UPDATED DATABASE.

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZOA, NORCAL APP CON, SMF ATCT, WESTERN FPT, AMGR.**FLIGHT CHECKED BY**

DANIEL C FAVORITE

DEVELOPED BY
SYLVAN DRAKESDigitally signed by
SYLVAN DRAKES
Dec 15, 2021**APPROVED BY**
JULIE MORGANDigitally signed by
CASIMIR L TABAKA
Dec 21, 2021**OFFICE**

FPO

OFFICE
AJV-A411**OFFICE**
AJV-A410**DATE**

01/14/2022

DATE
08/25/2021**DATE****TITLE**
MANAGERQUALITY
20
CHECKED